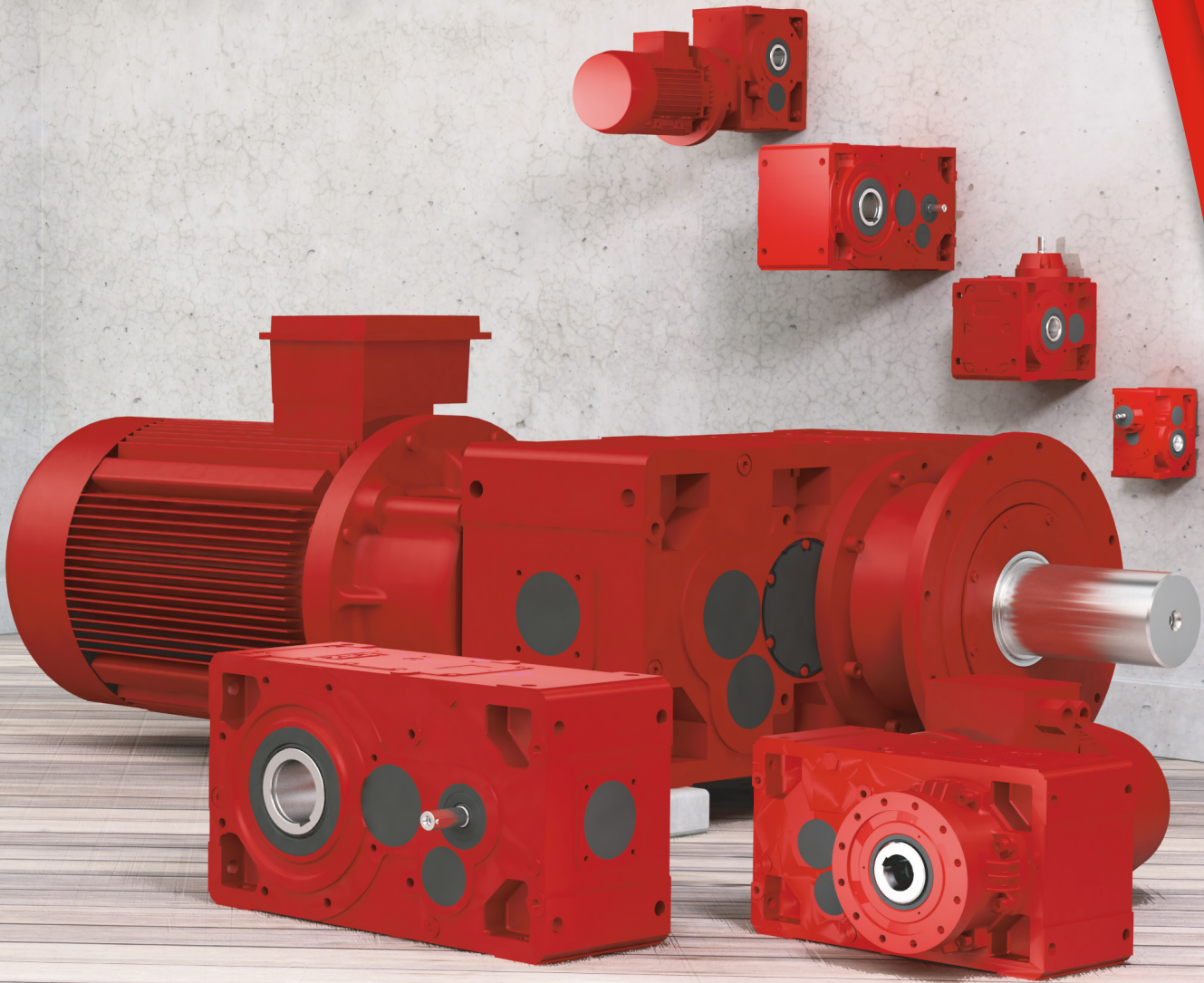


**ZET**  
R e d ü k t ö r



# HE-KH-MHE-MKH

Catalogo prodotti | *Series Product Catalogue*

**MECH**  
**WEB** ●

**05**  
2025

**I NUOVI RIDUTTORI A INGRANAGGI ZET Redüktör CON  
PRESTAZIONI DI DURATA ELEVATE SONO PRONTI PER  
SODDISFARE LE VOSTRE NECESSITA'**

*THE NEW HELICAL AND BEVEL-HELICAL SERIES GEARBOXES  
OF OUR **ZET Redüktör** WITH LONG SERVICE LIFE ARE  
READY TO SERVE FOR YOU WHEN NEEDED:*

Corpo monoblocco rigido  
e robusto per garantire  
alte prestazioni e durata

*Rigid MonoBlock body and  
strong structure to provide long  
lasting high performance*

Montaggio semplice e pratico grazie ad un  
design universale

*Very easy and practical assembly  
thanking to its universal housing design*

Tutti gli ingranaggi del riduttore sono  
temprati e rettificati in qualità 6

*All the gears in gearbox are hardened  
and ground with 6 quality*

Flangiatura standard  
IEC per tutti i riduttori delle serie  
MHE e MKH

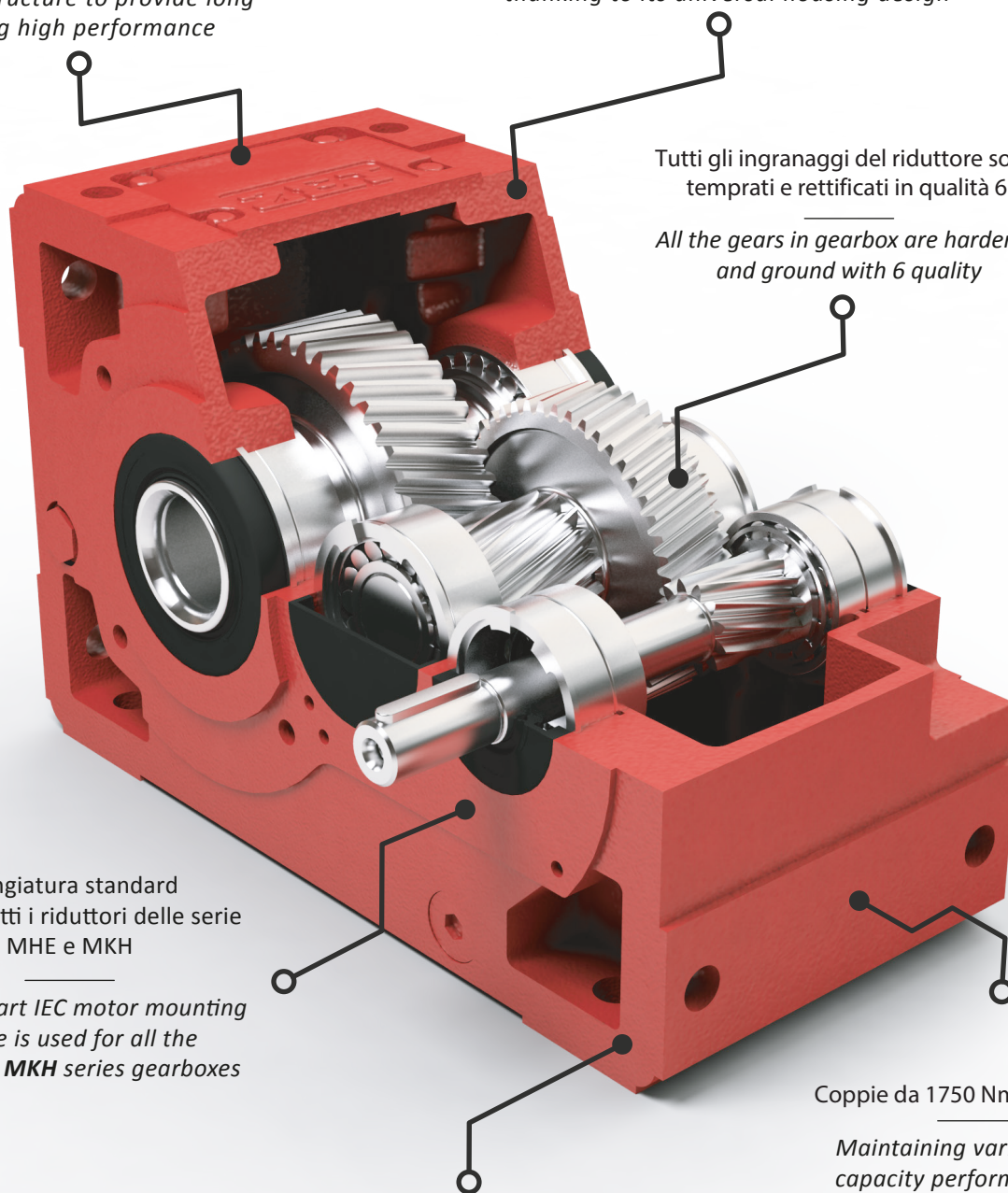
*The standart IEC motor mounting  
flange is used for all the  
**MHE** and **MKH** series gearboxes*

Ampia gamma di rapporti da  
 $i = 2,5$  a  $i = 130$

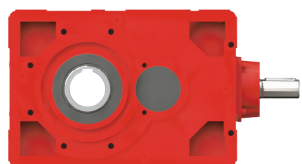
*Having a wide range of ratio  
varying from  $i = 2,5$  to  $i = 130$*

Coppie da 1750 Nm a 75.000 Nm

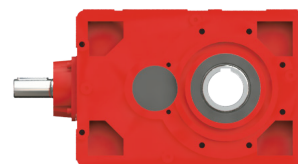
*Maintaining various torque  
capacity performance rates  
from 1750Nm to 75.000Nm*





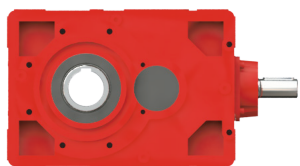


|                                                                                     |            |
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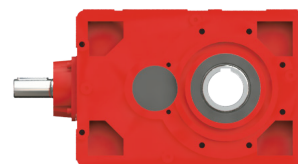


| Simbolo  | Descrizione                                                                                    | Unità |
|----------|------------------------------------------------------------------------------------------------|-------|
| $f_d$    | Correzione fattore di servizio sulla base della frequenza di avvio/arresto                     | -     |
| $f_n$    | Correzione fattore di servizio in base alla velocità di uscita                                 | -     |
| $f_r$    | Correzione fattore di servizio Carichi Radiali                                                 | -     |
| $f_s$    | Fattore di servizio richiesto                                                                  | -     |
| $f_{t1}$ | Correzione fattore di servizio Capacità Termica (Velocità in ingresso)                         | -     |
| $f_{t2}$ | Correzione fattore di servizio Capacità Termica (Posizione di montaggio)                       | -     |
| $f_{t3}$ | Correzione fattore di servizio capacità termica (Temperatura ambiente/Tempo di funzionamento)) | -     |
| $f_{t4}$ | Correzione fattore di servizio capacità termica (Raffreddamento meccanico)                     | -     |
| $f_y$    | Correzione fattore di servizio in base alla natura del carico                                  | -     |
| $F_a$    | Carico assiale                                                                                 | N     |
| $F_{a1}$ | Carico assiale ammissibile sull'albero in ingresso                                             | N     |
| $F_{a2}$ | Carico assiale ammissibile sull'albero in uscita                                               | N     |
| $F_r$    | Carico Radiale                                                                                 | N     |
| $F_{r1}$ | Carico radiale ammissibile sull'albero in ingresso                                             | N     |
| $F_{r2}$ | Carico radiale ammissibile sull'albero in uscita                                               | N     |
| $i$      | Rapporto di trasmissione                                                                       | -     |
| $i_n$    | Rapporto di trasmissione nominale                                                              | -     |
| $M_1$    | Coppia in ingresso                                                                             | Nm    |
| $M_2$    | Coppia in uscita                                                                               | Nm    |
| $Mn_1$   | Coppia nominale in ingresso                                                                    | Nm    |
| $Mn_2$   | Coppia in uscita nominale                                                                      | Nm    |
| $Mr_1$   | Coppia in ingresso richiesta                                                                   | Nm    |
| $Mr_2$   | Coppia in uscita richiesta                                                                     | Nm    |
| $n_1$    | Velocità di ingresso del riduttore                                                             | d/d   |
| $n_2$    | Velocità di uscita del riduttore                                                               | d/d   |
| $n_{2n}$ | Velocità di uscita nominale del riduttore                                                      | d/d   |
| $\eta$   | Efficienza                                                                                     | -     |
| $P_1$    | Potenza in ingresso                                                                            | kW    |
| $P_2$    | Potenza in uscita                                                                              | kW    |
| $Pn_1$   | Potenza nominale in ingresso                                                                   | kW    |
| $Pn_2$   | Potenza nominale in uscita                                                                     | kW    |
| $Pr_1$   | Potenza in ingresso richiesta                                                                  | kW    |
| $Pr_2$   | Potenza in uscita richiesta                                                                    | kW    |
| $P_{TN}$ | Potenza termica nominale                                                                       | kW    |
| $P_T$    | Potenza termica                                                                                | kW    |





| Simbolo  | Descrizione                                                              | Unità |
|----------|--------------------------------------------------------------------------|-------|
| $f_d$    | Service Factor Correction as per Start/Stop Frequency                    | -     |
| $f_n$    | Service Factor Correction as per Output Speed                            | -     |
| $f_r$    | Radial Loads Correction Factor                                           | -     |
| $f_s$    | Required Serviced Factor                                                 | -     |
| $f_{t1}$ | Thermal Power Correction Factor as Input Speed                           | -     |
| $f_{t2}$ | Thermal Power Correction Factor as Mounting Position                     | -     |
| $f_{t3}$ | Thermal Power Correction Factor as Ambient Temperature - Cyclic Duration | -     |
| $f_{t4}$ | Thermal Power Correction Factor as Mechanical Cooling                    | -     |
| $f_y$    | Service Factor Correction as the Nature of Load                          | -     |
| $F_a$    | Axial Load                                                               | N     |
| $F_{a1}$ | Permissible Axial Load on Input Shaft                                    | N     |
| $F_{a2}$ | Permissible Axial Load on Output Shaft                                   | N     |
| $F_r$    | Radial Load                                                              | N     |
| $F_{r1}$ | Permissible Radial Load on the Input Shaft                               | N     |
| $F_{r2}$ | Permissible Radial Load on the Output Shaft                              | N     |
| $i$      | Transmission Ratio                                                       | -     |
| $i_n$    | Rated Transmission Ratio                                                 | -     |
| $M_1$    | Input Torque                                                             | Nm    |
| $M_2$    | Output Torque                                                            | Nm    |
| $Mn_1$   | Rated Input Torque                                                       | Nm    |
| $Mn_2$   | Rated Output Torque                                                      | Nm    |
| $Mr_1$   | Required Input Torque                                                    | Nm    |
| $Mr_2$   | Required Output Torque                                                   | Nm    |
| $n_1$    | Input Speed of Gearbox                                                   | rpm   |
| $n_2$    | Output Speed of Gearbox                                                  | rpm   |
| $n_{2n}$ | Rated Output Speed of Gearbox                                            | rpm   |
| $\eta$   | Efficiency                                                               | -     |
| $P_1$    | Input Power                                                              | kW    |
| $P_2$    | Output Power                                                             | kW    |
| $Pn_1$   | Rated Input Power                                                        | kW    |
| $Pn_2$   | Rated Output Power                                                       | kW    |
| $Pr_1$   | Required Input Power                                                     | kW    |
| $Pr_2$   | Required Output Power                                                    | kW    |
| $P_{TN}$ | Rated Thermal Power                                                      | kW    |
| $P_T$    | Thermal Power                                                            | kW    |



MHE

2 160

19,4

A

HS

M3

F450R

180M4

1

2

3

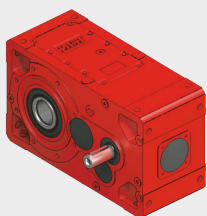
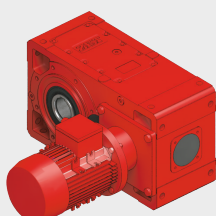
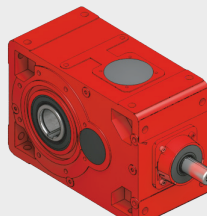
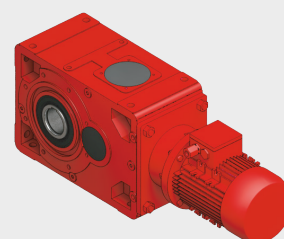
4

5

6

7

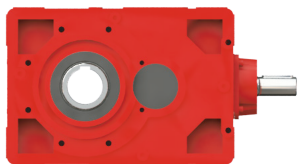
8

**1** Serie di riduttori/ Series of Gear Unit / Series of Gear Unit**HE**Riduttori ad assi paralleli  
Parallel Shaft Gearbox**MHE**Riduttori ad assi paralleli con motore  
Parallel Shaft Gearbox with Motor**KH**Riduttori Ortogonali  
Bevel Helical - Rightangle Gearbox**MKH**Riduttori Ortogonali con motore  
Bevel Helical - Rightangle  
Gearbox with Motor**2** Numero di Stadi e Grandezza riduttori / Number of Stages & Housing Size

| Numero di Stadi<br>Number of Stages |                            | Grandezza Riduttore<br>Housing Size |
|-------------------------------------|----------------------------|-------------------------------------|
| 1                                   | Uno Stadio<br>Single-Stage | 125                                 |
|                                     |                            | 140                                 |
|                                     |                            | 160                                 |
|                                     |                            | 180                                 |
| 2                                   | Due Stadi<br>Double-Stage  | 200                                 |
|                                     |                            | 225                                 |
|                                     |                            | 250                                 |
|                                     |                            | 280                                 |
| 3                                   | Tre Stadi<br>Triple-Stage  | 320                                 |
|                                     |                            | 360                                 |
|                                     |                            |                                     |

**3** Rapporti / Ratio

$$2,5 < i < 130$$



#### 4 Configurazione alberi in ingresso / Input Shaft Configurations

**A**

**D**

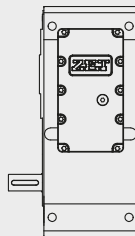
**L**

**R**

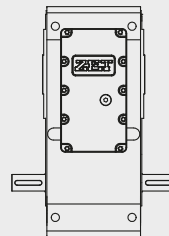
**S**



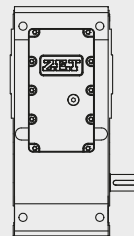
Tabella dimensionale  
Dimension Tables



**A**



**D**



**L**

#### 5 Configurazione alberi in uscita / Output Shaft Configurations

**D**

Albero maschio  
Solid Shaft

**HS**

Albero cavo  
Hollow Shaft

**S**

Albero in uscita con calettatore  
Shrink Disk

**L**

Sinistra  
Left

**R**

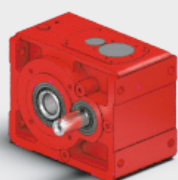
Destra  
Right

L'opzione è definita da due lettere es. SL, SD, DD, o HS

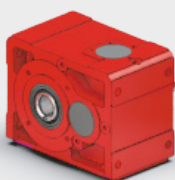
The option is defined with two letters. Such as SL, SD, DD or HS

#### 6 Posizioni di montaggio / Mounting Positions

**M3**



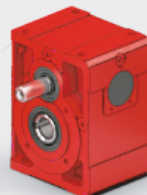
**M4**



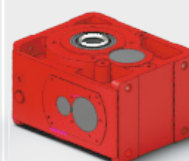
**M5**



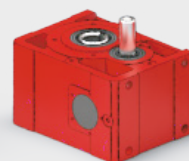
**M6**



**M7**



**M8**



#### 7 Diametro flange e direzione / Flange Diameter and Direction

**F**

Diametro flangia  
Flange Diameter

**L**

Sinistra  
Left

**R**

Destra  
Right

#### 8 Grandezza motore / Motor Size

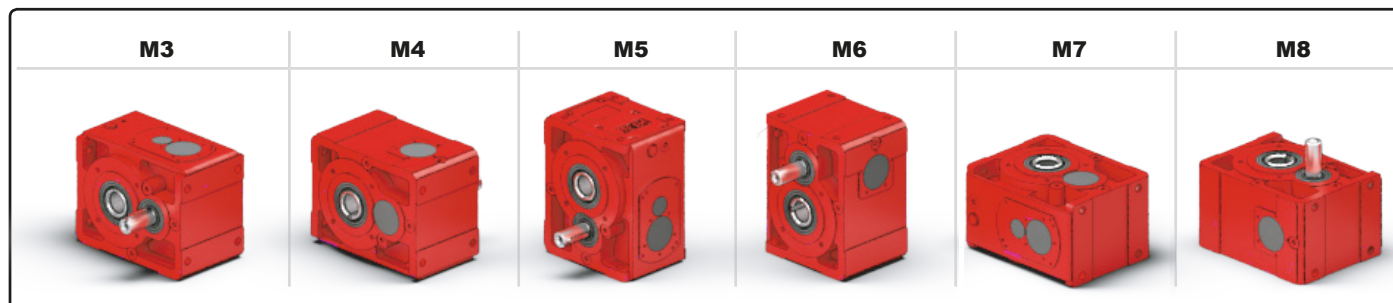
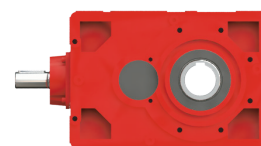


Dimensioni  
Dimension Tables

Se il motore non viene fornito da Mech-Web S.R.L.  
in questa sezione devono essere indicati il diametro  
albero motore e diametro flangia motore

If the motor is not supplied by ZET Reduktör, the values of the motor  
shaft diameter and motor flange diameter should be specified in this  
section





La quantità di olio da utilizzare è riportata nelle tabelle, in funzione della grandezza del riduttore e della posizione di montaggio.

Le quantità riportate sono indicative, fare riferimento al livello a vista dell'olio o ad un asta di misurazione.

Il valore della viscosità ISO del lubrificante da utilizzare deve essere selezionato dalla tabella seguente.

| n <sub>2</sub><br>Velocità<br>[d/d]<br>Speed [rpm] | Lubrificante [°C]<br>Ambient Temperature [°C] |              |                                 |
|----------------------------------------------------|-----------------------------------------------|--------------|---------------------------------|
|                                                    | Olio minerale<br>Mineral Oil                  |              | Olio sintetico<br>Synthetic Oil |
|                                                    | 0 - 20 [°C]                                   | 20 - 40 [°C] | 0 - 40 [°C]                     |
| > 220                                              | 220                                           | 220          | 220                             |
| 22 - 220                                           | 220                                           | 320          | 320                             |
| 5 - 22                                             | 320                                           | 320          | 320                             |
| 5 >                                                | 320                                           | 460          | 460                             |

Lubricant oil quantities are described on the dimension tables part in accordance with the gearbox sizes and mounting positions. The quantities of lubricant oil are given on the diagram are indicative. Please refer to sight glass centre line or to the dipstick if supplied, for correct filling.

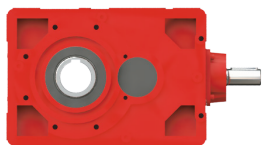
Please select the right ISO viscosity of the lubricant used in gearboxes from the following chart.

| Lubrificante<br>Lubricant              | ISO Viscosity | ARAL         | bp               | Esso           | KLOBER<br>LUBRICATION | Mobil                | Shell     | Castrol             | PO<br>Petrol Ofisi |
|----------------------------------------|---------------|--------------|------------------|----------------|-----------------------|----------------------|-----------|---------------------|--------------------|
| <b>Olio Minerale</b><br>Mineral Oil    | Iso VG 680    | Degol BG 680 | Energol GR XP680 | Spartan EP 680 | GEM 1 680             | Mobilgear 600 XP 680 | Omala 680 | Alpha SP 680        | Gravis SP 680      |
|                                        | Iso VG 460    | Degol BG 460 | Energol GR XP460 | Spartan EP 460 | GEM 1 460             | Mobilgear 600 XP 460 | Omala 460 | Alpha SP 460        | Gravis SP 460      |
|                                        | Iso VG 320    | Degol BG 320 | Energol GR XP320 | Spartan EP 320 | GEM 1 320             | Mobilgear 600 XP 320 | Omala 320 | Alpha SP 320        | Gravis SP 320      |
|                                        | Iso VG 220    | Degol BG 220 | Energol GR XP220 | Spartan EP 220 | GEM 1 220             | Mobilgear 600 XP 220 | Omala 220 | Alpha SP 220        | Gravis SP 220      |
|                                        | Iso VG 150    | Degol BG 150 | Energol GR XP150 | Spartan EP 150 | GEM 1 150             | Mobilgear 600 XP 150 | Omala 150 | Alpha SP 150        | Gravis SP 150      |
|                                        | Iso VG 100    | Degol BG 100 | Energol GR XP100 | Spartan EP 100 | GEM 1 100             | Mobilgear 600 XP 100 | Omala 100 | Alpha SP 100        | Gravis SP 100      |
| <b>Olio Sintetico</b><br>Synthetic Oil | Iso VG 680    | Degol GS 680 | Energol GR XP680 | -              | Syntheso D 680 EP     | Mobil Glygoyle 680   | -         | -                   | Gravis MP 680      |
|                                        | Iso VG 460    | Degol GS 460 | Energol GR XP460 | Glycolube 460  | Syntheso D 460 EP     | Mobil Glygoyle 460   | Tivela SD | Optigear SYN PD 460 | Gravis MP 460      |
|                                        | Iso VG 320    | Degol GS 320 | Energol GR XP320 | Glycolube 320  | Syntheso D 320 EP     | Mobil Glygoyle 320   | -         | Optigear SYN PD 320 | Gravis MP 320      |
|                                        | Iso VG 220    | Degol GS 220 | Energol GR XP220 | -              | Syntheso D 220 EP     | Mobil Glygoyle 30    | Tivela WB | Optigear SYN PD 220 | Gravis MP 220      |
|                                        | Iso VG 150    | Degol GS 150 | Energol GR XP150 | -              | Syntheso D 150 EP     | -                    | -         | Optigear SYN PD 150 | Gravis MP 150      |
|                                        | Iso VG 100    | -            | Energol GR XP100 | -              | Syntheso D 100 EP     | -                    | -         | -                   | Gravis MP 100      |

Per una migliore prestazione del riduttore, il lubrificante (minerale o sintetico) deve essere cambiato periodicamente.

| Temperatura olio [°C]<br>Oil Temperature [°C] | Intervallo di lubrificazione (ore)<br>Oil-Change Interval [Hour] |                                 |
|-----------------------------------------------|------------------------------------------------------------------|---------------------------------|
|                                               | Olio minerale<br>Mineral Oil                                     | Olio sintetico<br>Synthetic Oil |
| < 65                                          | 8.000                                                            | 25.000                          |
| 65 - 80                                       | 4.000                                                            | 18.000                          |
| 80 - 95                                       | 2.000                                                            | 12.500                          |
| 95 - 110                                      | -                                                                | 9.000                           |

For the best performance of the gearbox, lubricant (Mineral or Synthetic) must be changed periodically.



La potenza termica nominale ( $P_{TN}$ ) è la potenza massima che il riduttore può trasmettere meccanicamente in funzionamento continuo ad una temperatura ambiente di 20°C senza che la temperatura interna raggiunga un valore tale da danneggiare i componenti del riduttore. Il valore della potenza termica ( $P_T$ ) viene calcolato in base alle tabelle seguenti.

$$P_T = P_{TN} \times f_{t1} \times f_{t2} \times f_{t3} \times f_{t4}$$

$P_{TN}$ ,  $f_{t1}$ ,  $f_{t2}$ ,  $f_{t3}$ ,  $f_{t4}$  I valori sono indicati sotto

Potenza in ingresso con i valori calcolati ( $P_1$ ), deve essere inferiore alla potenza termica ( $P_T$ )

Rated thermal power ( $P_{TN}$ ) is the maximum power that the gearbox can transmit mechanically under continuous operation in an ambient temperature of 30 °C without the internal temperature rising to a value that could damage the gearbox components. Thermal power ( $P_T$ ) value is calculate according to the below tables.

$P_{TN}$ ,  $f_{t1}$ ,  $f_{t2}$ ,  $f_{t3}$ ,  $f_{t4}$  values are described below.

With the calculated values input power ( $P_1$ ) must be lower than the thermal power ( $P_T$ ).

$$P_1 < P_T$$

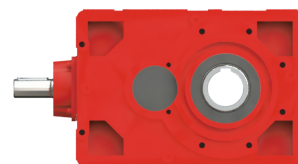
| Potenza Termica Nominale<br>Rated Thermal Power<br>$P_{TN}$<br>(kW) | nr. di stadi<br>No. Of Stages | Grandezza Riduttore<br>Housing Size |      |      |      |       |      |       |       |     |       |
|---------------------------------------------------------------------|-------------------------------|-------------------------------------|------|------|------|-------|------|-------|-------|-----|-------|
|                                                                     |                               | 125                                 | 140  | 160  | 180  | 200   | 225  | 250   | 280   | 320 | 360   |
| Riduttore ad assi paralleli<br>Parallel Shaft Gearboxes             | 1                             | 45                                  | 60   | 67,5 | 95,4 | 106,2 | 153  | 171   | 238,5 | 270 | 382,5 |
|                                                                     | 2                             | 30,1                                | 33,7 | 45   | 50,4 | 72    | 81   | 112,5 | 126   | 180 | 201,5 |
|                                                                     | 3                             | ---                                 | 25,2 | 33,7 | 38,2 | 54    | 60,3 | 85,5  | 95,4  | 135 | 153   |
| Riduttore Ortogonale<br>Bevel Helical Gearboxes                     | 2                             | 28,3                                | 38,2 | 42,7 | 60,3 | 67,5  | ---  | 106,2 | 153   | 171 | 238,5 |
|                                                                     | 3                             | ---                                 | 25,2 | 33,7 | 38,2 | 54    | 60,3 | 85,5  | 95,4  | 135 | 153   |

| $f_{t1}$    | Correzione fattore di servizio velocità in ingresso /<br>Input Speed Correction Factor |
|-------------|----------------------------------------------------------------------------------------|
| 700...900   | 1,15                                                                                   |
| 900...1200  | 1,1                                                                                    |
| 1200...1500 | 1                                                                                      |
| 1500...1800 | 0,95                                                                                   |
| 1800...2000 | 0,9                                                                                    |
| 2000...2250 | 0,85                                                                                   |
| 2250...2500 | 0,8                                                                                    |

| $f_{t2}$ | Correzione fattore di servizio posizione di montaggio /<br>Mounting Position Correction Factor |
|----------|------------------------------------------------------------------------------------------------|
| M3 - M4  | 1                                                                                              |
| M6       | 0,85                                                                                           |
| M5       | 0,75                                                                                           |
| M7 - M8  | 0,75                                                                                           |

| $f_{t3}$ Correzione fattore di servizio capacità termica- Temp. ambiente/Tempo di funzionamento / Ambient Temperature - Cyclic Duration Correction Factor |                                      |                                                                                                       |      |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------|------|-----|-----|
| Temperatura ambiente<br>Ambient Temperature                                                                                                               | Servizio continuo<br>Continuous Duty | Fattore di durata ciclica (%) per periodo di 60 min<br>Cyclic Duration Factor (%) for 60 min. running |      |     |     |
|                                                                                                                                                           |                                      | 60                                                                                                    | 40   | 25  | 15  |
| 50 °C                                                                                                                                                     | 0,6                                  | 0,70                                                                                                  | 0,8  | 0,9 | 1   |
| 40 °C                                                                                                                                                     | 0,7                                  | 0,90                                                                                                  | 1    | 1,1 | 1,2 |
| 30 °C                                                                                                                                                     | 0,9                                  | 1                                                                                                     | 1,15 | 1,3 | 1,5 |
| 20 °C                                                                                                                                                     | 1                                    | 1,15                                                                                                  | 1,3  | 1,5 | 1,7 |
| 10 °C                                                                                                                                                     | 1,1                                  | 1,3                                                                                                   | 1,5  | 1,7 | 1,9 |

| ft4    Correzione fattore di servizio- Raffreddamento meccanico / Mechanical Cooling |                  |      |      |      |      |
|--------------------------------------------------------------------------------------|------------------|------|------|------|------|
| Velocità in entrata (rpm)<br>Input Speed [rpm]                                       |                  | 700  | 900  | 1200 | 1500 |
| Non raffreddato<br>Natural                                                           |                  | 1    |      |      |      |
| Ventilazione<br>Fan Cooling                                                          | 1 Fanli / 1 Fan  | 1,1  | 1,15 | 1,2  | 1,3  |
|                                                                                      | 2 Fanli / 2 Fans | 1,25 | 1,4  | 1,6  | 1,8  |
| Serpentina<br>Cooling Coil                                                           |                  | 2    |      |      |      |



I valori di potenza e coppia riportati sono valori nominali calcolati nella condizione di un tempo di funzionamento di 25000 ore, con carico uniforme, velocità di uscita inferiore a 90 giri/min e una frequenza di avvio/arresto inferiori a 2 ore. Il valore del fattore di servizio ( $f_s$ ) dipende dalle 3 condizioni operative di base.

Fattore di servizio avvio/arresto :  $f_d$   
 Fattore di servizio velocità in uscita :  $f_n$   
 Classe di carico applicato :  $f_y$

Il fattore di servizio si ottiene moltiplicando questi fattori secondo la formula

The value given for power and torque are of nominal values which are calculated in conditions where 25.000-hour running time, under uniform loading, output speed less than 90 min<sup>-1</sup> and start/stop frequency less than 2 hours.

The value of service factor  $f_s$  depends on 3 main operational conditions.

Correction factor as per start/stop frequency :  $f_d$   
 Correction factor as per output speed :  $f_n$   
 The loads applied to the gearbox :  $f_y$

The service factor is obtained by multiplying these 3 factors as per the formula.

$$f_s = f_d \times f_n \times f_y$$

$f_d$  Il valore può essere definito in base alla frequenza di avvio/arresto ed ai carichi applicati al riduttore.

$f_d$  value can be defined in accordance with the start/stop frequency and the loads applied to the gearbox.

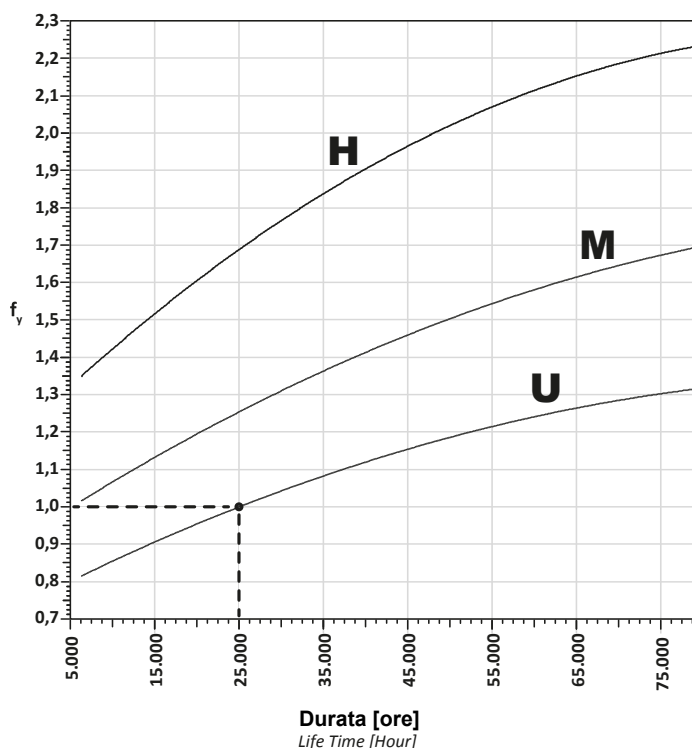
| Classe di carico<br>Load Class | Frequenza di avvio/arresto (per ora)<br>Frequency of Starting [Per Hour] |      |      |      |      |      |      |      |
|--------------------------------|--------------------------------------------------------------------------|------|------|------|------|------|------|------|
|                                | 2                                                                        | 4    | 8    | 16   | 32   | 63   | 125  | 250  |
| U                              | 1                                                                        | 1,06 | 1,12 | 1,18 | 1,25 | 1,32 | 1,4  | 1,5  |
| M                              | 1                                                                        | 1    | 1,06 | 1,12 | 1,18 | 1,25 | 1,32 | 1,4  |
| H                              | 1                                                                        | 1    | 1    | 1,06 | 1,12 | 1,18 | 1,25 | 1,32 |

$f_n$  Il valore viene determinato in base alla velocità di uscita del riduttore

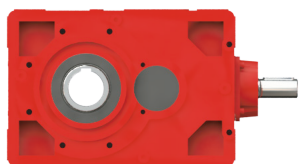
$f_n$  value can be defined in accordance with the output speed of the gearbox.

| Velocità in uscita g/min]<br>Output Speed [rpm] | $f_n$ |
|-------------------------------------------------|-------|
| 560 > $n_2$ > 355                               | 1,25  |
| 355 > $n_2$ > 224                               | 1,18  |
| 224 > $n_2$ > 140                               | 1,12  |
| 140 > $n_2$ > 90                                | 1,06  |
| 90 > $n_2$ > 0                                  | 1     |

$f_y$  Il valore si ricava dal diagramma a lato, in funzione dei carichi applicati al riduttore ed alla durata desiderata



$f_y$  value can be defined using the following chart in accordance with the load applied to the gearbox and the life time of the gearbox.

**Fattore di servizio: natura del carico**

| <b>Agitatori e Mescolatori</b>                                      |          |
|---------------------------------------------------------------------|----------|
| Liquidi a densità costante                                          | <b>U</b> |
| Densità variabile solidi in sospensione e liquidi ad alta viscosità | <b>M</b> |
| Betoniere, Mulini e Impastatrici                                    | <b>H</b> |

| <b>Alimentatori e dosatori</b>              |              |
|---------------------------------------------|--------------|
| Piani e Tavole rotanti                      | <b>U</b>     |
| Alimentatori a nastro, a coclea e a vassoio | <b>U / M</b> |
| Meccanismi alternativi e Vibratori          | <b>H</b>     |

| <b>Compressori</b>                     |          |
|----------------------------------------|----------|
| Centrifugo (Mono-Stadio o MultiStadio) | <b>U</b> |
| Rotativo, a Palette Lobi e Vite        | <b>M</b> |
| Assiale                                | <b>M</b> |
| A meccanismi alternativi               |          |
| Multi Cilindro                         | <b>M</b> |
| Mono-Cilindro                          | <b>H</b> |

| <b>Ascensori</b>                                                  |              |
|-------------------------------------------------------------------|--------------|
| Trasportatori a nastro, centrifughi o caduta libera, Scale mobili | <b>U / M</b> |
| Montacarichi e Ponteggi mobili                                    | <b>M</b>     |
| Ascensori per passeggeri                                          | <b>U / M</b> |

| <b>Scavatori e Draghe</b>                                  |          |
|------------------------------------------------------------|----------|
| Avvolgicavo, Trasportatori, Argani, Impilatori             | <b>M</b> |
| Azionamenti delle teste di taglio, Frese, Scavatori a Pale | <b>H</b> |
| Veicoli su rotaia                                          | <b>H</b> |
| Veicoli Cingolati                                          | <b>H</b> |

| <b>Frantoi e Trituratori</b>        |          |
|-------------------------------------|----------|
| Canna da zucchero, Gomma e Plastica | <b>M</b> |
| Pietre e Minerali                   | <b>H</b> |

| <b>Gru, Argani, Montacarichi</b> |              |
|----------------------------------|--------------|
| Carriponte e carrelli elevatori  | <b>M</b>     |
| Gru girevoli                     | <b>M</b>     |
| Sollevamento                     | <b>U / M</b> |

| <b>Industria Alimentare</b>                                                                                |          |
|------------------------------------------------------------------------------------------------------------|----------|
| Forni per cereali e malto, abbeveratoi                                                                     | <b>U</b> |
| Affettatrici, Impastatrici, Tritacarne, Centrifughe, Impianti vinicoli, Tappatrici, Estrusori, Riempitrici | <b>M</b> |

**Classification of Nature of Load According to Applications**

| <b>Stirres and Mixers</b>                                       |          |
|-----------------------------------------------------------------|----------|
| Constant density liquids                                        | <b>U</b> |
| Varying density, solid in suspension and high viscosity liquids | <b>M</b> |
| Concrete mixers, mullers and flash mixers                       | <b>H</b> |

| <b>Feeders and Batchers</b>       |              |
|-----------------------------------|--------------|
| Rotary (roller, table and sector) | <b>U</b>     |
| Belt, screw and plate             | <b>U / M</b> |
| Reciprocating and vibrator        | <b>H</b>     |

| <b>Compressors</b>                        |          |
|-------------------------------------------|----------|
| Centrifugal (Single-stage or multi-stage) | <b>U</b> |
| Rotary (Vane, lobe and screw)             | <b>M</b> |
| Axial                                     | <b>M</b> |
| Reciprocating                             |          |
| Multi-cylinder                            | <b>M</b> |
| Single-cylinder                           | <b>H</b> |

| <b>Elevators</b>                                                                                            |              |
|-------------------------------------------------------------------------------------------------------------|--------------|
| Belt, centrifugal or gravity discharge, screw jacks, escalators bucket, arm and tray elevators paddle wheel | <b>U / M</b> |
| Hoist, skips man lifts and mobile scaffolding                                                               | <b>M</b>     |
| Passenger Transport                                                                                         | <b>U / M</b> |

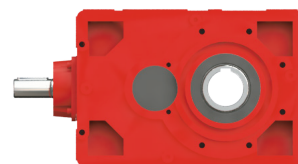
| <b>Excavators and Dredges</b>                                                    |          |
|----------------------------------------------------------------------------------|----------|
| Cable reels, conveyors, pumps winches, stackers and draining wheels              | <b>M</b> |
| Cutter head drives, cutters, excavators (bucket ladder, paddle wheel and cutter) | <b>H</b> |
| On the rail vehicles                                                             | <b>H</b> |
| Crawler vehicles                                                                 | <b>H</b> |

| <b>Crushers and Granulators</b> |          |
|---------------------------------|----------|
| Sugar cane, rubber and plastics | <b>M</b> |
| Minerals and stone              | <b>H</b> |

| <b>Cranes, Winches, Travelling Lifts</b> |              |
|------------------------------------------|--------------|
| Travel (Bridge, trolley and forks)       | <b>M</b>     |
| Slewing                                  | <b>M</b>     |
| Hoisting                                 | <b>U / M</b> |

| <b>Food Industry</b>                                                                                                                                                                     |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Cookers (Cereals and malt), mash tubs                                                                                                                                                    | <b>U</b> |
| Slicers, dough mixers, meat grinders, beet, slicers, centrifuges, peelers, winemaking plant, bottle/bin/cratewashers, rinsers, gillers, corks, cappers, extruders, crate filling and emp | <b>M</b> |





| Industria Cartaria                                                                                                                                |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Avvolgitori, Cilindri aspiranti, Essicatori, Goffratori, Imbiancatori, Presse a manicotti, Rulli di patinatura, Rulli per carta, Estrattori polpe | <b>U</b> |
| Agitatori, Mescolatori, Estrusori, Alimentatori di chips, Calandre, Cilindri essicatori e tendifeltro, Sfilacciatori, Lavatrici, Addensatrici     | <b>M</b> |
| Taglierine, Sminuzzatori, Supercalandre, Scuotifeltro, Lucidatrici, Presse                                                                        | <b>H</b> |

| INDUSTRIA DEL LEGNO                                                                                                                                           |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Caricatori meccanici, impilatori pallets                                                                                                                      | <b>U / M</b> |
| Trasportatori per tavole, trucioli, scarti                                                                                                                    | <b>M</b>     |
| Tronchi                                                                                                                                                       | <b>H</b>     |
| Macchine utensili usate per (piallatrici, fresatrici, troncatrici, taglierine, tenonatrici, seghe, smussatrici, profilatrici, levigatrici, calibratrici etc.) | <b>H</b>     |

| Feeding Drives                  |              |
|---------------------------------|--------------|
| Cutter drives                   | <b>M / H</b> |
| Mechanical and hydraulic Bakers | <b>M</b>     |
| Drum                            | <b>H</b>     |

| INDUSTRIA PETROLIFERA                                         |          |
|---------------------------------------------------------------|----------|
| Filtri e presse per paraffina, raffreddatori                  | <b>M</b> |
| Dispositivi di perforazione rotanti, dispositivi di pompaggio | <b>H</b> |

| Industria tessile                                                                                                                                                                                            |          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Essicatori, felpatrici, filatoi, imbozzimatrici, saponatrici, lavatrici, mangani, telai da tessitura, orditoi, rocchettiere, macchine per maglieria, macchine per tintoria, roccatrici, torcitoi, garzatrici | <b>M</b> |

| MACCHINE PER ARGILLA                                                               |          |
|------------------------------------------------------------------------------------|----------|
| Pug mills, extruder, rotary deslimers= Impastatrici, estrusori, sfangatrici a pale | <b>M</b> |
| Presse (per laterizi e piastrelle)                                                 | <b>H</b> |

| MACCHINE PER GOMMA E PLASTICA |          |
|-------------------------------|----------|
| Estrusori per plastica        | <b>M</b> |
| Estrusori per gomma           | <b>H</b> |

| MACCHINE PER IMBALLAGGIO E ACCATASTAMENTO                                      |          |
|--------------------------------------------------------------------------------|----------|
| Confezionatrici (per film e cartone), nastratrici, reggiatrici, etichettatrici | <b>U</b> |
| Pallettizzatori, depallettizzatori                                             | <b>M</b> |

| MACCHINE UTENSILI PER METALLI                              |          |
|------------------------------------------------------------|----------|
| Alesatrici, Limatrici, Piallatrici, Dentatrici etc.        | <b>M</b> |
| Comandi principali (taglio e avanzamento)                  | <b>M</b> |
| Comandi ausiliari (magazzino utensili, alimentatore pezzi) | <b>U</b> |

| Paper and Pulp Industries                                                                                                    |          |
|------------------------------------------------------------------------------------------------------------------------------|----------|
| Winders, suction rolls, dryers, embossing machinery, bleachers, press rolls, coating rolls, paper rolls, beaters and pulpers | <b>U</b> |
| Agitators, mixers, extruders, chip feeders, calenders, felt dryers and stretchers, rag grinders, washers, thickeners         | <b>M</b> |
| Cutters, chippers, calenders (super), felt whippers, glazing machines, presses                                               | <b>H</b> |

| Lumber and Woodworking Industries                                                                                                  |              |
|------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Mechanical loaders, pallet stackers                                                                                                | <b>U / M</b> |
| Board, chip and waste conveyors                                                                                                    | <b>M</b>     |
| Log conveyors                                                                                                                      | <b>H</b>     |
| Machine tools used for (planning, cutting, cross-cut and re-sawing, tenoning, bevelling, moulding, sanding, sizing machinery etc.) | <b>H</b>     |

| Feeding Drives                  |              |
|---------------------------------|--------------|
| Cutter drives                   | <b>M / H</b> |
| Mechanical and hydraulic Bakers | <b>M</b>     |
| Drum                            | <b>H</b>     |

| Oil Industry                                 |          |
|----------------------------------------------|----------|
| Paraffin filter presses, chillers            | <b>M</b> |
| Rotary drilling equipment, pumping equipment | <b>H</b> |

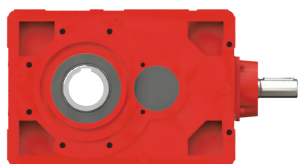
| Textile Industry                                                                                                                                                          |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Dryers, nappers, spinners, slashers, soapers, washers, mangles, looms, warping machines, winders, knitting machines, dyeing machines, twisting frames, gig mills, cutters | <b>M</b> |

| Clay Working Machinery                 |          |
|----------------------------------------|----------|
| Pug mills, extruders, rotary deslimers | <b>M</b> |
| Brick and tile presses                 | <b>H</b> |

| Rubber and Plastic Industry |          |
|-----------------------------|----------|
| Plastic extruders           | <b>U</b> |
| Rubber extruders            | <b>M</b> |

| Wrapping and Stacking Machinery                          |          |
|----------------------------------------------------------|----------|
| Wrapping (film, cardboard), binding, labelling equipment | <b>M</b> |
| Stacking / Unstacking machinery                          | <b>H</b> |

| Engineering Machine Tools                           |          |
|-----------------------------------------------------|----------|
| Boring, shaping, planing, gear cutting etc.         | <b>M</b> |
| Main drives (cut and feed)                          | <b>M</b> |
| Auxiliary drives (tools magazine, workpiece infeed) | <b>U</b> |



| Meccanismi                                     |          |
|------------------------------------------------|----------|
| intermittori, glifi oscillanti, croci di Malta | <b>M</b> |
| Manovellismi, eccentrici                       | <b>H</b> |

| METALLURGIA                                                                                                                                                                                                               |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Cesoie per rifilare, spuntare, intestare                                                                                                                                                                                  | <b>M</b> |
| Cesoie per lamiere, lingotti, billette                                                                                                                                                                                    | <b>H</b> |
| Cesoie per rulli di traino trasversali, tarfile, bobinatrici, volteggiatori, traini a cingoli, spianatrici a rulli per lamiera                                                                                            | <b>M</b> |
| Cesoie per spingitori, Impianti di disincrostazione, saldatrici per tubi, treni di laminazione, laminatoi, presse per stampaggio, troncatrici per billette, magli, punzonatrici, imbutitrici, maschitrici, raddrizzatrici | <b>H</b> |

| POMPE                                                           |              |
|-----------------------------------------------------------------|--------------|
| Rotative (a ingranaggi, a vite, a lobi) e assiali               | <b>U / M</b> |
| Centrifughe per liquidi a densità costante                      | <b>U</b>     |
| Centrifughe per liquidi a densità variabile o elevate viscosità | <b>M</b>     |
| Dosatrici                                                       | <b>M</b>     |
| a semplice/ doppio effetto                                      | <b>M</b>     |
| a semplice/doppio effetto monocilindriche                       | <b>H</b>     |

| TAMBURI ROTANTI                                       |          |
|-------------------------------------------------------|----------|
| essicatori, raffreddatori, forni rotative e lavatrici | <b>M</b> |
| Buratti e forni da cemento                            | <b>H</b> |

| TRASPORTATORI                                                              |          |
|----------------------------------------------------------------------------|----------|
| A nastro (plastica, gomma, metallo) per materiali sciolti a pezzatura fine | <b>U</b> |
| a nastro per materiali sciolti a pezzatura grossa o colli                  | <b>M</b> |
| a cinghie a piastre, a tazze, a tapparelle, a rulli, a vite e catena       | <b>M</b> |
|                                                                            | <b>M</b> |
| Alternativi, a scosse                                                      | <b>H</b> |

| TRATTAMENTO ACQUE                              |          |
|------------------------------------------------|----------|
| Cisterne biologiche                            | <b>U</b> |
| Raschiasanghi, griglie rotanti, filtri a Vuoto | <b>M</b> |
| Aeratori e rototrituratori                     | <b>H</b> |

| VAGLI E CRIVELLI                   |          |
|------------------------------------|----------|
| lavaggio ad aria                   | <b>U</b> |
| Rotanti (Pietre, ghiaia e cereali) | <b>M</b> |
| vibrovagli, crivelli               | <b>H</b> |

| VENTILATORI                                                                                                              |          |
|--------------------------------------------------------------------------------------------------------------------------|----------|
| Con piccoli diametri (centrifughi, assiali)                                                                              | <b>U</b> |
| Con grandi diametri (miniere, fornaci ecc.) torri di raffreddamento, turboventilatori, ventilatori a pistoncini rotativi | <b>M</b> |

| Mechanisms                                         |          |
|----------------------------------------------------|----------|
| Indexing, crank and slotted link and Maltese cross | <b>M</b> |
| Rod and crank, CAM control                         | <b>H</b> |

| Metal Industry                                                                                                                                                                       |          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Trimming, cropping and facing shears                                                                                                                                                 | <b>M</b> |
| For sheet / plate, ingot and billet shears                                                                                                                                           | <b>H</b> |
| Transverse drive roller, draw benches, coiler, inverter, dragline, flattening roll and bending roll shears                                                                           | <b>M</b> |
| Pusher, descaling equipment, pipe welder, mill roll train drive, rolling mill, forging presses, billet cropper, power hammer, punche, tapping machine and straightening press shears | <b>H</b> |

| Pumps                                                   |              |
|---------------------------------------------------------|--------------|
| Rotary (gear, screw, vane) and axial                    | <b>U / M</b> |
| Liquid and constant density centrifugals                | <b>U</b>     |
| Liquid, variable density or high viscosity centrifugals | <b>M</b>     |
| Proportioning centrifugals                              | <b>M</b>     |
| Single / double acting reciprocating                    | <b>M</b>     |
| Single / double acting single cylinder reciprocating    | <b>H</b>     |

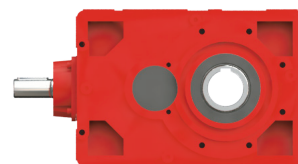
| Rotating Drums                                      |          |
|-----------------------------------------------------|----------|
| Dryers, chillers, rotary kilns and washing machines | <b>M</b> |
| Tumblers and cement kilns                           | <b>H</b> |

| Conveyors                                                                       |          |
|---------------------------------------------------------------------------------|----------|
| Fine grade loose material belts (plastic, rubber and metal)                     | <b>U</b> |
| Coarse grade loose material or discrete item belts (plastic, rubber and metal)  | <b>M</b> |
| Belt, bucket, slat, tray, roller, screw and chain                               | <b>M</b> |
| Drag ground level chain and flow accumulating belts (plastic, rubber and metal) | <b>M</b> |
| Reciprocating, shaker belts (plastic, rubber and metal)                         | <b>H</b> |

| Sewage Treatment                                          |          |
|-----------------------------------------------------------|----------|
| Biological tanks (revolving disk)                         | <b>U</b> |
| Collectors, rotary screens, thickeners and vacuum filters | <b>M</b> |
| Aerators and rotary breakers                              | <b>H</b> |

| Screen and Riddles                 |          |
|------------------------------------|----------|
| Air washing                        | <b>U</b> |
| Rotary (stone, gravel and cereals) | <b>M</b> |
| Vibrating screens and riddles      | <b>H</b> |

| Fans                                                                    |          |
|-------------------------------------------------------------------------|----------|
| Small diameter (centrifugal and axial-flow)                             | <b>U</b> |
| Large diameter (mines, furnaces etc.) cooling towers, ducted and piston | <b>M</b> |



I carichi radiali massimi ammessi sull' albero ingresso e uscita sono calcolati e mostrati nelle seguenti tabelle.

I carichi radiali permissibili sono calcolati nella condizione peggiore di carico al centro dell'albero. Contattare Mech-Web S.R.L. per dimensionamenti differenti

Il carico radiale viene calcolato con la formula riporta sotto.

The permissible radial loads on the input shaft and output shaft are calculated and listed on the following tables.

The listed permissible radial loads are based on the worst loading direction to the midpoint of the shaft. Various loads can be applied of different loading direction. For these values please ask **ZET Redüktör**.

Radial Loads can calculate according to the transmission component with the formula below.

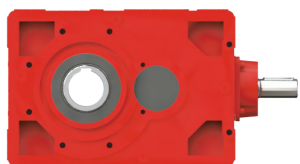
$$F_r = \frac{M \times 2000}{d} \times f_r \quad [N]$$

**$F_r$  [N]** : CARICO RADIALE  
 **$M$  [Nm]** : MOMENTO TORCENTE  
 **$d$  [mm]** : DIAMETRO TRASMISSIONE  
 **$f_r$**  : FATTORE DI CORREZIONE  
 **$f_r$**  : CALCOLARE CON LA TABELLA SOTTO

**$F_r$  [N]** : Radial Load  
 **$M$  [Nm]** : Torque  
 **$d$  [mm]** : Main Diameter of Transmission Component  
 **$f_r$**  : Correction Factor for Radial Load  
 **$f_r$**  value can calculate according to the below table.

| TRASMISSIONE<br><i>Transmission Component</i>                 | INFORMAZIONI<br><i>Information</i>                                      | $f_r$ |
|---------------------------------------------------------------|-------------------------------------------------------------------------|-------|
| <b>RUOTA DENTATA</b><br><i>Spur Gear</i>                      | -                                                                       | 1,15  |
| <b>PIGNONE PER CATENA</b><br><i>Chain Drive</i>               | $z < 13$                                                                | 1,40  |
| <b>PIGNONE PER CATENA</b><br><i>Chain Drive</i>               | $z < 20$                                                                | 1,25  |
| <b>PULEGGIA CON CINGHIA A V</b><br><i>V Belt</i>              | <b>FORZA DI TRAZIONE ACCETTABILE</b><br><i>Acceptable tensile force</i> | 1,75  |
| <b>CINGHIA PIANA</b><br><i>Flat Belt with spanning Pulley</i> | <b>FORZA DI TRAZIONE ACCETTABILE</b><br><i>Acceptable tensile force</i> | 2,50  |
| <b>CINGHIA DENTATA</b><br><i>Trigger Belt</i>                 | <b>FORZA DI TRAZIONE ACCETTABILE</b><br><i>Acceptable tensile force</i> | 1,50  |

Il carico assiale permesso sull' albero d'ingresso è pari a 0.2 volte il carico radiale. | Permissible axial load on the input shaft and output shaft is 0,2 times of the radial load.



### Carico radiale ammesso su albero ingresso

Il Carico radiale ammesso su albero ingresso  $FR_1(N)$  è riportato nella seguente tabella.

### Permissible Radial Loads on the Input Shaft

Permissible radial loads on the input shaft  $Fr_1$  [N], described according to the input speed and series of gear unit with the following tables.

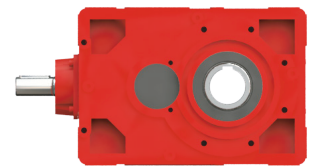
| velocità ingresso<br>[d/d]<br>Input Speed [rpm] | HE 1125 | HE 1140 | HE 1160 | HE 1180 | HE 1200 | HE 1225 | HE 1250 | HE 1280 | HE 1320 | HE 1360 |
|-------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1800                                            | 3000    | 3000    | 4760    | 4760    | 7630    | 7630    | 11800   | 11800   | 19000   | 19000   |
| 1500                                            | 3300    | 3300    | 5300    | 5300    | 8500    | 8500    | 13200   | 13200   | 21200   | 21200   |
| 1000                                            | 3600    | 3600    | 5840    | 5840    | 9370    | 9370    | 14600   | 14600   | 23400   | 23400   |

| velocità ingresso<br>[d/d]<br>Input Speed [rpm] | HE 2125 | HE 2140 | HE 2160 | HE 2180 | HE 2200 | HE 2225 | HE 2250 | HE 2280 | HE 2320 | HE 2360 |
|-------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1800                                            | 1900    | 1880    | 2980    | 2980    | 4760    | 4760    | 7630    | 7630    | 11800   | 11800   |
| 1500                                            | 2100    | 2100    | 3320    | 3320    | 5300    | 5300    | 8500    | 8500    | 13200   | 13200   |
| 1000                                            | 2300    | 2320    | 3660    | 3660    | 5840    | 5840    | 9370    | 9370    | 14600   | 14600   |

| velocità ingresso<br>[d/d]<br>Input Speed [rpm] | HE 3140 | HE 3160 | HE 3180 | HE 3200 | HE 3225 | HE 3250 | HE 3280 | HE 3320 | HE 3360 |
|-------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1800                                            | 1170    | 1900    | 1900    | 2870    | 2870    | 4760    | 4760    | 7600    | 7630    |
| 1500                                            | 1300    | 2120    | 2120    | 3200    | 3200    | 5300    | 5300    | 8500    | 8500    |
| 1000                                            | 1430    | 2340    | 2340    | 3530    | 3530    | 5840    | 5840    | 9400    | 9370    |

| velocità ingresso<br>[d/d]<br>Input Speed [rpm] | KH 2125 | KH 2140 | KH 2160 | KH 2180 | KH 2200 | KH 2225 | KH 2250 | KH 2280 | KH 2320 | KH 2360 |
|-------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1800                                            | 1900    | 1880    | 2980    | 2980    | 4760    | 7630    | 7630    | 7630    | 11800   | 11800   |
| 1500                                            | 2100    | 2100    | 3320    | 3320    | 5300    | 8500    | 8500    | 8500    | 13200   | 13200   |
| 1000                                            | 2300    | 2320    | 3660    | 3660    | 5840    | 9370    | 9370    | 9370    | 14600   | 14600   |

| velocità ingresso<br>[d/d]<br>Input Speed [rpm] | KH 3140 | KH 3160 | KH 3180 | KH 3200 | KH 3225 | KH 3250 | KH 3280 | KH 3320 | KH 3360 |
|-------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1800                                            | 1170    | 1900    | 1900    | 2870    | 2870    | 4760    | 4760    | 7600    | 7600    |
| 1500                                            | 1300    | 2120    | 2120    | 3200    | 3200    | 5300    | 5300    | 8500    | 8500    |
| 1000                                            | 1430    | 2340    | 2340    | 3530    | 3530    | 5840    | 5840    | 9400    | 9400    |



### Carico radiale ammesso sull'albero di uscita

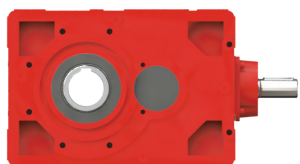
Il Carico radiale ammesso sull'albero di uscita ( $Fr_2(n)$ ) è riportato nella seguente tabella

### Permissible Radial Loads on the Output Shaft

Permissible radial loads on the output shaft ( $Fr_2$ ) [N] described according to the required service life [Hour], output speed ( $n_2$ ) [rpm] and output torque ( $M_2$ ) [Nm] with the following tables.

| Velocità Uscita<br>[d/d]<br>Output Speed [rpm]<br>x<br>DURATA CUSCINETTO<br>(ORE)<br>Bearing Service Life [Hour] | Grandezza Riduttore<br>Housing Size |               |               |               |               |               |               |               |               |               |
|------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                                                                                                                  | 125                                 |               | 140           |               | 160           |               | 180           |               | 200           |               |
|                                                                                                                  | $M_2$<br>[Nm]                       | $Fr_2$<br>[N] | $M_2$<br>[Nm] | $Fr_2$<br>[N] | $M_2$<br>[Nm] | $Fr_2$<br>[N] | $M_2$<br>[Nm] | $Fr_2$<br>[N] | $M_2$<br>[Nm] | $Fr_2$<br>[N] |
| 350.000                                                                                                          | 2500                                | 20000         | 3750          | 28000         | 5500          | 30000         | 8000          | 42500         | 11000         | 56000         |
|                                                                                                                  | 1750                                | 20000         | 2750          | 28000         | 4000          | 35500         | 5500          | 45000         | 8000          | 56000         |
| 450.000                                                                                                          | 2500                                | 20000         | 3750          | 28000         | 5500          | 26500         | 8000          | 40000         | 11000         | 56000         |
|                                                                                                                  | 1750                                | 20000         | 2750          | 28000         | 4000          | 33500         | 5500          | 45000         | 8000          | 56000         |
| 550.000                                                                                                          | 2500                                | 20000         | 3750          | 28000         | 5500          | 23600         | 8000          | 35500         | 11000         | 50000         |
|                                                                                                                  | 1750                                | 20000         | 2750          | 28000         | 4000          | 30000         | 5500          | 42500         | 8000          | 56000         |
| 700.000                                                                                                          | 2500                                | 20000         | 3750          | 28000         | 5500          | 20000         | 8000          | 30000         | 11000         | 45000         |
|                                                                                                                  | 1750                                | 20000         | 2750          | 28000         | 4000          | 26500         | 5500          | 37500         | 8000          | 53000         |
|                                                                                                                  | 1250                                | 20000         | 2000          | 28000         | 2750          | 28000         | 4000          | 40000         | 5500          | 53000         |
| 900.000                                                                                                          | 2500                                | 19000         | 3750          | 25000         | 5500          | 17000         | 8000          | 26500         | 11000         | 40000         |
|                                                                                                                  | 1750                                | 20000         | 2750          | 28000         | 4000          | 23600         | 5500          | 33500         | 8000          | 47500         |
|                                                                                                                  | 1250                                | 20000         | 2000          | 28000         | 2750          | 26500         | 4000          | 37500         | 5500          | 50000         |
| 1.100.000                                                                                                        | 2500                                | 17000         | 2750          | 26500         | 4000          | 21200         | 5500          | 31500         | 8000          | 45000         |
|                                                                                                                  | 1750                                | 20000         | 2000          | 26500         | 2750          | 25000         | 4000          | 35500         | 5500          | 47500         |
| 1.400.000                                                                                                        | 1750                                | 18000         | 2750          | 23600         | 4000          | 19000         | 5500          | 28000         | 8000          | 40000         |
|                                                                                                                  | 1250                                | 20000         | 2000          | 25000         | 2750          | 22500         | 4000          | 33500         | 5500          | 45000         |
| 1.800.000                                                                                                        | 1750                                | 16000         | 2750          | 21200         | 4000          | 17000         | 5500          | 25000         | 8000          | 35000         |
|                                                                                                                  | 1250                                | 19000         | 2000          | 23600         | 2750          | 21200         | 4000          | 30000         | 5500          | 42500         |
| 2.250.000                                                                                                        | 1750                                | 15000         | 2000          | 22500         | 2750          | 19000         | 4000          | 26500         | 5500          | 37500         |
|                                                                                                                  | 1250                                | 17000         | 1250          | 22500         | 2000          | 20000         | 2750          | 28000         | 4000          | 37500         |
| 2.750.000                                                                                                        | 1250                                | 16000         | 2000          | 20000         | 2750          | 17000         | 4000          | 25000         | 5500          | 33500         |
|                                                                                                                  | 900                                 | 16000         | 1250          | 20000         | 2000          | 19000         | 2750          | 26500         | 4000          | 35500         |
| 3.500.000                                                                                                        | 1250                                | 14000         | 2000          | 19000         | 2750          | 15000         | 4000          | 22500         | 5500          | 31500         |
|                                                                                                                  | 900                                 | 15000         | 1250          | 19000         | 2000          | 18000         | 2750          | 25000         | 4000          | 33500         |
| 4.500.000                                                                                                        | 1250                                | 13200         | 2000          | 17000         | 2750          | 13200         | 4000          | 20000         | 5500          | 28000         |
|                                                                                                                  | 900                                 | 14000         | 1250          | 18000         | 2000          | 16000         | 2750          | 23600         | 4000          | 31500         |
| 6.000.000                                                                                                        | 1250                                | 11800         | 2000          | 15000         | 2750          | 11800         | 4000          | 17000         | 5500          | 25000         |
|                                                                                                                  | 900                                 | 13200         | 1250          | 17000         | 2000          | 15000         | 2750          | 21600         | 4000          | 30000         |





**Carico radiale ammesso sull'albero di uscita**

Il Carico radiale ammesso sull'albero di uscita ( $Fr_2(n)$ ) è riportato nella seguente tabella

**Permissible Radial Loads on the Output Shaft**

Permissible radial loads on the output shaft ( $Fr_2$ ) [N] described according to the required service life [Hour], output speed ( $n_2$ ) [rpm] and output torque ( $M_2$ ) [Nm] with the following tables.

| <b>Velocità Uscita</b><br>[d/d]<br><i>Output Speed [rpm]</i><br><b>x</b><br><b>DURATA COSCINETTO</b><br>(ORE)<br><i>Bearing Service Life [Hour]</i> | <b>Grandezza Riduttore</b><br><i>Housing Size</i> |                              |                              |                              |                              |                              |                              |                              |                              |                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
|                                                                                                                                                     | <b>225</b>                                        |                              | <b>250</b>                   |                              | <b>280</b>                   |                              | <b>320</b>                   |                              | <b>360</b>                   |                              |
|                                                                                                                                                     | <b>M<sub>2</sub></b><br>[Nm]                      | <b>Fr<sub>2</sub></b><br>[N] | <b>M<sub>2</sub></b><br>[Nm] | <b>Fr<sub>2</sub></b><br>[N] | <b>M<sub>2</sub></b><br>[Nm] | <b>Fr<sub>2</sub></b><br>[N] | <b>M<sub>2</sub></b><br>[Nm] | <b>Fr<sub>2</sub></b><br>[N] | <b>M<sub>2</sub></b><br>[Nm] | <b>Fr<sub>2</sub></b><br>[N] |
| <b>350.000</b>                                                                                                                                      | 16000                                             | 71000                        | 22500                        | 90000                        | 31500                        | 112000                       | 45000                        | 140000                       | 63000                        | 180000                       |
|                                                                                                                                                     | 11000                                             | 71000                        | 16000                        | 90000                        | 22500                        | 112000                       | 31500                        | 140000                       | 45000                        | 180000                       |
| <b>450.000</b>                                                                                                                                      | 16000                                             | 71000                        | 22500                        | 80000                        | 31500                        | 112000                       | 45000                        | 140000                       | 63000                        | 180000                       |
|                                                                                                                                                     | 11000                                             | 71000                        | 16000                        | 90000                        | 22500                        | 112000                       | 31500                        | 140000                       | 45000                        | 180000                       |
| <b>550.000</b>                                                                                                                                      | 16000                                             | 71000                        | 22500                        | 71000                        | 31500                        | 100000                       | 45000                        | 140000                       | 63000                        | 180000                       |
|                                                                                                                                                     | 11000                                             | 71000                        | 16000                        | 85000                        | 22500                        | 112000                       | 31500                        | 140000                       | 45000                        | 180000                       |
| <b>700.000</b>                                                                                                                                      | 16000                                             | 67000                        | 22500                        | 60000                        | 31500                        | 90000                        | 45000                        | 125000                       | 63000                        | 180000                       |
|                                                                                                                                                     | 11000                                             | 71000                        | 16000                        | 75000                        | 22500                        | 106000                       | 31500                        | 140000                       | 45000                        | 180000                       |
|                                                                                                                                                     | 8000                                              | 71000                        | 11200                        | 80000                        | 16000                        | 112000                       | 22500                        | 140000                       | 31500                        | 180000                       |
| <b>900.000</b>                                                                                                                                      | 16000                                             | 60000                        | 22500                        | 53000                        | 31500                        | 75000                        | 45000                        | 112000                       | 63000                        | 160000                       |
|                                                                                                                                                     | 11000                                             | 71000                        | 16000                        | 71000                        | 22500                        | 100000                       | 31500                        | 132000                       | 45000                        | 180000                       |
|                                                                                                                                                     | 8000                                              | 71000                        | 11200                        | 75000                        | 16000                        | 100000                       | 22500                        | 132000                       | 31500                        | 180000                       |
| <b>1.100.000</b>                                                                                                                                    | 11000                                             | 63000                        | 16000                        | 63000                        | 22500                        | 90000                        | 31500                        | 125000                       | 45000                        | 170000                       |
|                                                                                                                                                     | 8000                                              | 67000                        | 11200                        | 71000                        | 16000                        | 95000                        | 22500                        | 125000                       | 31500                        | 170000                       |
| <b>1.400.000</b>                                                                                                                                    | 11000                                             | 56000                        | 16000                        | 56000                        | 22500                        | 80000                        | 31500                        | 112000                       | 45000                        | 160000                       |
|                                                                                                                                                     | 8000                                              | 63000                        | 11200                        | 67000                        | 16000                        | 85000                        | 22500                        | 118000                       | 31500                        | 160000                       |
| <b>1.800.000</b>                                                                                                                                    | 11000                                             | 53000                        | 16000                        | 50000                        | 22500                        | 71000                        | 31500                        | 100000                       | 45000                        | 140000                       |
|                                                                                                                                                     | 8000                                              | 60000                        | 11200                        | 60000                        | 16000                        | 85000                        | 22500                        | 112000                       | 31500                        | 150000                       |
| <b>2.250.000</b>                                                                                                                                    | 8000                                              | 56000                        | 11200                        | 53000                        | 16000                        | 75000                        | 22500                        | 106000                       | 31500                        | 140000                       |
|                                                                                                                                                     | 5500                                              | 56000                        | 8000                         | 56000                        | 11000                        | 75000                        | 16000                        | 106000                       | 22500                        | 140000                       |
| <b>2.750.000</b>                                                                                                                                    | 8000                                              | 50000                        | 11200                        | 50000                        | 16000                        | 67000                        | 22500                        | 95000                        | 31500                        | 132000                       |
|                                                                                                                                                     | 5500                                              | 50000                        | 8000                         | 53000                        | 11000                        | 71000                        | 16000                        | 95000                        | 22500                        | 132000                       |
| <b>3.500.000</b>                                                                                                                                    | 8000                                              | 45000                        | 11200                        | 45000                        | 16000                        | 63000                        | 22500                        | 85000                        | 31500                        | 125000                       |
|                                                                                                                                                     | 5500                                              | 47500                        | 8000                         | 50000                        | 11000                        | 67000                        | 16000                        | 90000                        | 22500                        | 125000                       |
| <b>4.500.000</b>                                                                                                                                    | 8000                                              | 42500                        | 11200                        | 40000                        | 16000                        | 56000                        | 22500                        | 75000                        | 31500                        | 112000                       |
|                                                                                                                                                     | 5500                                              | 45000                        | 8000                         | 47500                        | 11000                        | 63000                        | 16000                        | 85000                        | 22500                        | 112000                       |
| <b>6.000.000</b>                                                                                                                                    | 8000                                              | 37500                        | 11200                        | 35500                        | 16000                        | 50000                        | 22500                        | 71000                        | 31500                        | 100000                       |
|                                                                                                                                                     | 5500                                              | 42500                        | 8000                         | 42500                        | 11000                        | 60000                        | 16000                        | 80000                        | 22500                        | 106000                       |



**Prestazioni a 1500 rpm**

Performance tables according to Input Speed 1500 rpm

| n <sub>1</sub> =1500 d/d |                         |                         |                | 125  |                         |                         |                         |              |                      | 140  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 2,5                      | 1500                    | 600                     | 1              | 2,47 | 3250                    | 207                     | 41                      | 81           | 38-39                | -    | -                       | -                       | -                       | -            | 40-41                |
| 3                        | 1500                    | 500                     |                | 3,21 | 3480                    | 170                     | 41                      | 81           |                      | 3,08 | 3900                    | 199                     | 54                      | 93           |                      |
| 4                        | 1500                    | 375                     |                | 4,15 | 2715                    | 103                     | 41                      | 81           |                      | 4,08 | 3700                    | 142                     | 54                      | 93           |                      |
| 5                        | 1500                    | 300                     |                | 4,75 | 2850                    | 94                      | 41                      | 81           |                      | 5,00 | 3450                    | 108                     | 54                      | 93           |                      |
| 6                        | 1500                    | 250                     | 2              | 6,42 | 3470                    | 85                      | 27                      | 92           | 58-59                | -    | -                       | -                       | -                       | -            | 60-61                |
| 7                        | 1500                    | 214                     |                | 7,79 | 3550                    | 72                      | 27                      | 92           |                      | -    | -                       | -                       | -                       | -            |                      |
| 8                        | 1500                    | 188                     |                | 8,36 | 3600                    | 68                      | 27                      | 92           |                      | 8,00 | 4150                    | 81                      | 30                      | 113          |                      |
| 10                       | 1500                    | 150                     |                | 10,1 | 3580                    | 55                      | 27                      | 92           |                      | 9,70 | 4215                    | 68                      | 30                      | 113          |                      |
| 11                       | 1500                    | 136                     |                | 10,8 | 2825                    | 41                      | 27                      | 92           |                      | 10,6 | 4020                    | 60                      | 30                      | 113          |                      |
| 12                       | 1500                    | 125                     |                | 12,6 | 3560                    | 44                      | 27                      | 92           |                      | 12,0 | 4300                    | 56                      | 30                      | 113          |                      |
| 15                       | 1500                    | 100                     |                | 15,8 | 3540                    | 35                      | 27                      | 92           |                      | 15,2 | 4050                    | 42                      | 30                      | 113          |                      |
| 16                       | 1500                    | 94                      |                | 16,2 | 2800                    | 27                      | 27                      | 92           |                      | 15,9 | 4200                    | 41                      | 30                      | 113          |                      |
| 18                       | 1500                    | 83                      |                | 18,6 | 2780                    | 24                      | 27                      | 92           |                      | -    | -                       | -                       | -                       | -            |                      |
| 20                       | 1500                    | 75                      |                | 20,5 | 2780                    | 21                      | 27                      | 92           |                      | 20,1 | 4200                    | 33                      | 30                      | 113          |                      |
| 24                       | 1500                    | 63                      |                | 23,4 | 2775                    | 19                      | 27                      | 92           |                      | 24,6 | 3560                    | 23                      | 30                      | 113          |                      |
| 25                       | 1500                    | 60                      | 3              | -    | -                       | -                       | -                       | -            |                      | 25,5 | 3230                    | 20                      | 23                      | 115          | 78-79                |
| 31                       | 1500                    | 48                      |                | -    | -                       | -                       | -                       | -            |                      | 30,9 | 3450                    | 18                      | 23                      | 115          |                      |
| 34                       | 1500                    | 44                      |                | -    | -                       | -                       | -                       | -            |                      | 33,8 | 4030                    | 19                      | 23                      | 115          |                      |
| 38                       | 1500                    | 39                      |                | -    | -                       | -                       | -                       | -            |                      | 38,3 | 3900                    | 16                      | 23                      | 115          |                      |
| 40                       | 1500                    | 38                      |                | -    | -                       | -                       | -                       | -            |                      | 40,3 | 3500                    | 14                      | 23                      | 115          |                      |
| 41                       | 1500                    | 37                      |                | -    | -                       | -                       | -                       | -            |                      | 41,0 | 4260                    | 16                      | 23                      | 115          |                      |
| 44                       | 1500                    | 34                      |                | -    | -                       | -                       | -                       | -            |                      | 44,0 | 4100                    | 15                      | 23                      | 115          |                      |
| 48                       | 1500                    | 31                      |                | -    | -                       | -                       | -                       | -            |                      | 48,3 | 3500                    | 11                      | 23                      | 115          |                      |
| 50                       | 1500                    | 30                      |                | -    | -                       | -                       | -                       | -            |                      | 50,0 | 3750                    | 12                      | 23                      | 115          |                      |
| 51                       | 1500                    | 29                      |                | -    | -                       | -                       | -                       | -            |                      | 50,8 | 4250                    | 13                      | 23                      | 115          |                      |
| 53                       | 1500                    | 28                      |                | -    | -                       | -                       | -                       | -            |                      | 53,4 | 4250                    | 12                      | 23                      | 115          |                      |
| 64                       | 1500                    | 23                      |                | -    | -                       | -                       | -                       | -            |                      | 64,0 | 4250                    | 10                      | 23                      | 115          |                      |
| 66                       | 1500                    | 23                      |                | -    | -                       | -                       | -                       | -            |                      | 66,2 | 4250                    | 10                      | 23                      | 115          |                      |
| 70                       | 1500                    | 21                      |                | -    | -                       | -                       | -                       | -            |                      | 69,7 | 4120                    | 9                       | 23                      | 115          |                      |
| 78                       | 1500                    | 19                      |                | -    | -                       | -                       | -                       | -            |                      | 78,5 | 4320                    | 9                       | 23                      | 115          |                      |
| 86                       | 1500                    | 17                      |                | -    | -                       | -                       | -                       | -            |                      | 86,3 | 4380                    | 8                       | 23                      | 115          |                      |
| 99                       | 1500                    | 15                      |                | -    | -                       | -                       | -                       | -            |                      | 98,8 | 4200                    | 7                       | 23                      | 115          |                      |
| 108                      | 1500                    | 14                      |                | -    | -                       | -                       | -                       | -            |                      | 109  | 4200                    | 6                       | 23                      | 115          |                      |
| 133                      | 1500                    | 11                      |                | -    | -                       | -                       | -                       | -            |                      | 133  | 3700                    | 4                       | 23                      | 115          |                      |



**Prestazioni a 1500 rpm**  
Performance tables according to Input Speed 1500 rpm

| n <sub>1</sub> =1500 d/d |                         |                         |                | 160  |                         |                         |                         |              |                      | 180  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 2,5                      | 1500                    | 600                     | 1              | 2,57 | 6200                    | 379                     | 61                      | 156          | 42-43                | -    | -                       | -                       | -                       | -            | 44-45                |
| 3                        | 1500                    | 500                     |                | 3,17 | 6670                    | 330                     | 61                      | 156          |                      | 3,07 | 7750                    | 397                     | 86                      | 180          |                      |
| 4                        | 1500                    | 375                     |                | 4,08 | 6150                    | 237                     | 61                      | 156          |                      | 4,09 | 7340                    | 282                     | 86                      | 180          |                      |
| 5                        | 1500                    | 300                     |                | 5,00 | 5600                    | 176                     | 61                      | 156          |                      | 4,92 | 6730                    | 215                     | 86                      | 180          |                      |
| 6                        | 1500                    | 250                     | 2              | 6,35 | 7050                    | 174                     | 41                      | 200          | 62-63                | -    | -                       | -                       | -                       | -            | 64-65                |
| 7                        | 1500                    | 214                     |                | 7,82 | 7500                    | 151                     | 41                      | 200          |                      | -    | -                       | -                       | -                       | -            |                      |
| 8                        | 1500                    | 188                     |                | 8,27 | 7220                    | 137                     | 41                      | 200          |                      | -    | -                       | -                       | -                       | -            |                      |
| 10                       | 1500                    | 150                     |                | 10,2 | 7650                    | 118                     | 41                      | 200          |                      | 9,87 | 8630                    | 137                     | 45                      | 220          |                      |
| 12                       | 1500                    | 125                     |                | 12,4 | 6000                    | 76                      | 41                      | 200          |                      | -    | -                       | -                       | -                       | -            |                      |
| 13                       | 1500                    | 115                     |                | 13,2 | 7780                    | 93                      | 41                      | 200          |                      | 13,2 | 9100                    | 109                     | 45                      | 220          |                      |
| 15                       | 1500                    | 100                     |                | 15,0 | 5600                    | 58                      | 41                      | 200          |                      | 15,8 | 9000                    | 89                      | 45                      | 220          |                      |
| 17                       | 1500                    | 88                      |                | 17,0 | 6400                    | 59                      | 41                      | 200          |                      | 17,0 | 8700                    | 80                      | 45                      | 220          |                      |
| 19                       | 1500                    | 79                      |                | 19,4 | 6450                    | 52                      | 41                      | 200          |                      | 19,4 | 8750                    | 71                      | 45                      | 220          |                      |
| 20                       | 1500                    | 75                      |                | 20,8 | 5900                    | 45                      | 41                      | 200          |                      | 20,5 | 8950                    | 69                      | 45                      | 220          |                      |
| 23                       | 1500                    | 65                      |                | 23,8 | 5815                    | 38                      | 41                      | 200          |                      | 23,4 | 8100                    | 54                      | 45                      | 220          |                      |
| 20                       | 1500                    | 75                      | 3              | 19,5 | 5785                    | 47                      | 30                      | 207          | 80-81                | -    | -                       | -                       | -                       | -            | 82-83                |
| 23                       | 1500                    | 65                      |                | 22,9 | 5800                    | 40                      | 30                      | 207          |                      | 23,3 | 6900                    | 46                      | 34                      | 225          |                      |
| 24                       | 1500                    | 63                      |                | 24,0 | 7120                    | 47                      | 30                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 25                       | 1500                    | 60                      |                | 25,4 | 6160                    | 38                      | 30                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 28                       | 1500                    | 54                      |                | 28,2 | 7150                    | 40                      | 30                      | 207          |                      | 27,3 | 6900                    | 40                      | 34                      | 225          |                      |
| 30                       | 1500                    | 50                      |                | 29,8 | 6300                    | 33                      | 30                      | 207          |                      | 30,3 | 7360                    | 38                      | 34                      | 225          |                      |
| 31                       | 1500                    | 48                      |                | 31,3 | 7600                    | 38                      | 30                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 33                       | 1500                    | 45                      |                | 32,8 | 6450                    | 31                      | 30                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 36                       | 1500                    | 42                      |                | 36,6 | 7725                    | 33                      | 30                      | 207          |                      | 35,5 | 7500                    | 33                      | 34                      | 225          |                      |
| 37                       | 1500                    | 41                      |                | 37,9 | 5850                    | 24                      | 30                      | 207          |                      | 37,4 | 8450                    | 36                      | 34                      | 225          |                      |
| 40                       | 1500                    | 38                      |                | 40,3 | 6370                    | 25                      | 30                      | 207          |                      | 40,4 | 9350                    | 36                      | 34                      | 225          |                      |
| 41                       | 1500                    | 37                      |                | 40,4 | 7300                    | 28                      | 30                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 44                       | 1500                    | 34                      |                | 44,5 | 5830                    | 21                      | 30                      | 207          |                      | 43,8 | 8750                    | 31                      | 34                      | 225          |                      |
| 46                       | 1500                    | 33                      |                | 46,2 | 6910                    | 23                      | 30                      | 207          |                      | 45,9 | 7850                    | 27                      | 34                      | 225          |                      |
| 47                       | 1500                    | 32                      |                | 47,4 | 7350                    | 24                      | 30                      | 207          |                      | 47,3 | 9310                    | 31                      | 34                      | 225          |                      |
| 50                       | 1500                    | 30                      |                | 49,4 | 5800                    | 18                      | 30                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 52                       | 1500                    | 29                      |                | 52,1 | 6120                    | 18                      | 30                      | 207          |                      | 52,2 | 9300                    | 28                      | 34                      | 225          |                      |
| 54                       | 1500                    | 28                      |                | 54,2 | 6880                    | 20                      | 30                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 57                       | 1500                    | 26                      |                | 57,9 | 5830                    | 16                      | 30                      | 207          |                      | 57,0 | 8750                    | 24                      | 34                      | 225          |                      |
| 60                       | 1500                    | 25                      |                | 59,6 | 6300                    | 17                      | 30                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 61                       | 1500                    | 25                      |                | 61,1 | 6320                    | 16                      | 30                      | 207          |                      | 61,2 | 9270                    | 24                      | 34                      | 225          |                      |
| 64                       | 1500                    | 23                      |                | 63,8 | 5800                    | 14                      | 30                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 70                       | 1500                    | 21                      |                | 69,8 | 6340                    | 14                      | 30                      | 207          |                      | 70,0 | 8890                    | 20                      | 34                      | 225          |                      |
| 73                       | 1500                    | 21                      |                | 73,0 | 5800                    | 12                      | 30                      | 207          |                      | 73,6 | 8700                    | 19                      | 34                      | 225          |                      |
| 75                       | 1500                    | 20                      |                | 74,8 | 5830                    | 12                      | 30                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 77                       | 1500                    | 19                      |                | 77,9 | 5800                    | 12                      | 30                      | 207          |                      | 76,7 | 8700                    | 18                      | 34                      | 225          |                      |
| 82                       | 1500                    | 18                      |                | 82,2 | 6350                    | 12                      | 30                      | 207          |                      | 82,4 | 9500                    | 18                      | 34                      | 225          |                      |
| 88                       | 1500                    | 17                      |                | 89,0 | 5850                    | 10                      | 30                      | 207          |                      | 87,6 | 8750                    | 16                      | 34                      | 225          |                      |
| 94                       | 1500                    | 16                      |                | 94,0 | 6600                    | 11                      | 30                      | 207          |                      | 94,2 | 8840                    | 15                      | 34                      | 225          |                      |
| 100                      | 1500                    | 15                      |                | 101  | 5920                    | 9                       | 30                      | 207          |                      | 99,1 | 8950                    | 14                      | 34                      | 225          |                      |
| 107                      | 1500                    | 14                      |                | 107  | 6750                    | 10                      | 30                      | 207          |                      | 108  | 8850                    | 13                      | 34                      | 225          |                      |
| 114                      | 1500                    | 13                      |                | 115  | 5960                    | 8                       | 30                      | 207          |                      | 113  | 9100                    | 13                      | 34                      | 225          |                      |
| 130                      | 1500                    | 12                      |                | 132  | 6170                    | 7                       | 30                      | 207          |                      | 130  | 9270                    | 11                      | 34                      | 225          |                      |



**Prestazioni a 1500 rpm**

Performance tables according to Input Speed 1500 rpm

| n <sub>1</sub> =1500 d/d |                         |                         |                | 200  |                         |                         |                         |              |                      | 225  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 2,5                      | 1500                    | 600                     | 1              | 2,50 | 11800                   | 741                     | 96                      | 280          | 46-47                | -    | -                       | -                       | -                       | -            | 48-49                |
| 3                        | 1500                    | 500                     |                | 3,20 | 11600                   | 569                     | 96                      | 280          |                      | 3,06 | 16600                   | 852                     | 138                     | 312          |                      |
| 4                        | 1500                    | 375                     |                | 4,13 | 11000                   | 418                     | 96                      | 280          |                      | 4,14 | 14800                   | 561                     | 138                     | 312          |                      |
| 5                        | 1500                    | 300                     |                | 4,92 | 10750                   | 343                     | 96                      | 280          |                      | 5,00 | 15700                   | 493                     | 138                     | 312          |                      |
| 6                        | 1500                    | 250                     | 2              | 6,43 | 11400                   | 278                     | 65                      | 350          | 66-67                | -    | -                       | -                       | -                       | -            | 68-69                |
| 7                        | 1500                    | 214                     |                | 7,92 | 11600                   | 230                     | 65                      | 350          |                      | -    | -                       | -                       | -                       | -            |                      |
| 8                        | 1500                    | 188                     |                | 8,23 | 12050                   | 230                     | 65                      | 350          |                      | 7,86 | 16300                   | 326                     | 73                      | 377          |                      |
| 10                       | 1500                    | 150                     |                | 10,1 | 12250                   | 190                     | 65                      | 350          |                      | 9,68 | 16650                   | 270                     | 73                      | 377          |                      |
| 11                       | 1500                    | 136                     |                | 10,6 | 12300                   | 182                     | 65                      | 350          |                      | 10,7 | 16500                   | 243                     | 73                      | 377          |                      |
| 12                       | 1500                    | 125                     |                | 12,7 | 11350                   | 141                     | 65                      | 350          |                      | 12,5 | 16500                   | 208                     | 73                      | 377          |                      |
| 13                       | 1500                    | 115                     |                | 13,1 | 12500                   | 150                     | 65                      | 350          |                      | -    | -                       | -                       | -                       | -            |                      |
| 15                       | 1500                    | 100                     |                | 15,2 | 12600                   | 130                     | 65                      | 350          |                      | 14,5 | 14900                   | 161                     | 73                      | 377          |                      |
| 17                       | 1500                    | 88                      |                | 16,9 | 12250                   | 114                     | 65                      | 350          |                      | 16,9 | 16250                   | 151                     | 73                      | 377          |                      |
| 19                       | 1500                    | 79                      |                | 19,6 | 12250                   | 98                      | 65                      | 350          |                      | 19,7 | 16250                   | 130                     | 73                      | 377          |                      |
| 20                       | 1500                    | 75                      |                | 20,1 | 11250                   | 88                      | 65                      | 350          |                      | -    | -                       | -                       | -                       | -            |                      |
| 23                       | 1500                    | 65                      |                | 23,4 | 11200                   | 75                      | 65                      | 350          |                      | 23,8 | 15450                   | 102                     | 73                      | 377          |                      |
| 20                       | 1500                    | 75                      | 3              | 20,4 | 11920                   | 92                      | 49                      | 365          | 84-85                | -    | -                       | -                       | -                       | -            | 86-87                |
| 25                       | 1500                    | 60                      |                | 26,1 | 11200                   | 67                      | 49                      | 365          |                      | 25,0 | 14550                   | 92                      | 54                      | 392          |                      |
| 30                       | 1500                    | 50                      |                | -    | -                       | -                       | -                       | -            |                      | 30,7 | 15700                   | 80                      | 54                      | 392          |                      |
| 32                       | 1500                    | 47                      |                | 32,2 | 13500                   | 66                      | 49                      | 365          |                      | 32,5 | 14450                   | 70                      | 54                      | 392          |                      |
| 34                       | 1500                    | 44                      |                | 34,0 | 13650                   | 63                      | 49                      | 365          |                      | 33,8 | 17520                   | 81                      | 54                      | 392          |                      |
| 38                       | 1500                    | 39                      |                | 37,7 | 10000                   | 42                      | 49                      | 365          |                      | 40,0 | 16050                   | 63                      | 54                      | 392          |                      |
| 42                       | 1500                    | 36                      |                | 41,9 | 14300                   | 54                      | 49                      | 365          |                      | 41,7 | 17450                   | 66                      | 54                      | 392          |                      |
| 44                       | 1500                    | 34                      |                | -    | -                       | -                       | -                       | -            |                      | 44,0 | 17500                   | 62                      | 54                      | 392          |                      |
| 48                       | 1500                    | 31                      |                | 48,3 | 12800                   | 42                      | 49                      | 365          |                      | -    | -                       | -                       | -                       | -            |                      |
| 51                       | 1500                    | 29                      |                | -    | -                       | -                       | -                       | -            |                      | 51,6 | 14515                   | 44                      | 54                      | 392          |                      |
| 53                       | 1500                    | 28                      |                | -    | -                       | -                       | -                       | -            |                      | 53,7 | 17400                   | 51                      | 54                      | 392          |                      |
| 54                       | 1500                    | 28                      |                | 54,0 | 15000                   | 44                      | 49                      | 365          |                      | 54,2 | 17400                   | 50                      | 54                      | 392          |                      |
| 62                       | 1500                    | 24                      |                | 62,8 | 12700                   | 32                      | 49                      | 365          |                      | 62,5 | 16600                   | 42                      | 54                      | 392          |                      |
| 70                       | 1500                    | 21                      |                | 69,8 | 12600                   | 28                      | 49                      | 365          |                      | 69,9 | 17300                   | 39                      | 54                      | 392          |                      |
| 77                       | 1500                    | 19                      |                | 77,1 | 12700                   | 26                      | 49                      | 365          |                      | -    | -                       | -                       | -                       | -            |                      |
| 81                       | 1500                    | 19                      |                | 81,1 | 12650                   | 25                      | 49                      | 365          |                      | 81,3 | 16500                   | 32                      | 54                      | 392          |                      |
| 85                       | 1500                    | 18                      |                | 85,6 | 12700                   | 23                      | 49                      | 365          |                      | 85,8 | 17850                   | 33                      | 54                      | 392          |                      |
| 90                       | 1500                    | 17                      |                | 90,0 | 12700                   | 22                      | 49                      | 365          |                      | 90,2 | 18000                   | 31                      | 54                      | 392          |                      |
| 100                      | 1500                    | 15                      |                | 99,6 | 12750                   | 20                      | 49                      | 365          |                      | 99,8 | 16400                   | 26                      | 54                      | 392          |                      |
| 105                      | 1500                    | 14                      |                | 105  | 12700                   | 19                      | 49                      | 365          |                      | 105  | 16400                   | 25                      | 54                      | 392          |                      |
| 118                      | 1500                    | 13                      |                | 119  | 11550                   | 15                      | 49                      | 365          |                      | -    | -                       | -                       | -                       | -            |                      |
| 125                      | 1500                    | 12                      |                | 125  | 11650                   | 15                      | 49                      | 365          |                      | 127  | 16000                   | 20                      | 54                      | 392          |                      |



**Prestazioni a 1500 rpm**  
Performance tables according to Input Speed 1500 rpm

| n <sub>1</sub> =1500 d/d |                         |                         |                | 250  |                         |                         |                         |              |                      | 280  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 2,5                      | 1500                    | 600                     | 1              | 2,52 | 21150                   | 1318                    | 154                     | 570          | 50-51                | 2,53 | 27700                   | 1720                    | 215                     | 630          | 52-53                |
| 3                        | 1500                    | 500                     |                | 3,11 | 23050                   | 1164                    | 154                     | 570          |                      | 3,19 | 29500                   | 1453                    | 215                     | 630          |                      |
| 4                        | 1500                    | 375                     |                | 4,06 | 25500                   | 987                     | 154                     | 570          |                      | 4,07 | 29000                   | 1119                    | 215                     | 630          |                      |
| 5                        | 1500                    | 300                     |                | 5,08 | 23850                   | 737                     | 154                     | 570          |                      | 5,07 | 34000                   | 1053                    | 215                     | 630          |                      |
| 6                        | 1500                    | 250                     | 2              | 6,31 | 23900                   | 595                     | 101                     | 675          | 70-71                | 6,32 | 30800                   | 765                     | 113                     | 750          | 72-73                |
| 7                        | 1500                    | 214                     |                | 7,78 | 26300                   | 531                     | 101                     | 675          |                      | -    | -                       | -                       | -                       | -            |                      |
| 8                        | 1500                    | 188                     |                | 8,08 | 25200                   | 490                     | 101                     | 675          |                      | 8,08 | 32150                   | 625                     | 113                     | 750          |                      |
| 10                       | 1500                    | 150                     |                | 9,96 | 27700                   | 437                     | 101                     | 675          |                      | 10,2 | 35000                   | 539                     | 113                     | 750          |                      |
| 11                       | 1500                    | 136                     |                | 10,4 | 25100                   | 378                     | 101                     | 675          |                      | -    | -                       | -                       | -                       | -            |                      |
| 13                       | 1500                    | 115                     |                | 12,9 | 27600                   | 337                     | 101                     | 675          |                      | 13,0 | 34400                   | 415                     | 113                     | 750          |                      |
| 15                       | 1500                    | 100                     |                | 15,3 | 27500                   | 282                     | 101                     | 675          |                      | -    | -                       | -                       | -                       | -            |                      |
| 17                       | 1500                    | 88                      |                | 16,8 | 27500                   | 257                     | 101                     | 675          |                      | 16,8 | 34300                   | 320                     | 113                     | 750          |                      |
| 20                       | 1500                    | 75                      |                | 20,0 | 27150                   | 213                     | 101                     | 675          |                      | 20,0 | 35400                   | 278                     | 113                     | 750          |                      |
| 21                       | 1500                    | 71                      |                | 21,0 | 24250                   | 182                     | 101                     | 675          |                      | 20,9 | 35100                   | 263                     | 113                     | 750          |                      |
| 25                       | 1500                    | 60                      | 3              | 25,0 | 24250                   | 152                     | 101                     | 675          | 88-89                | 24,9 | 35000                   | 220                     | 113                     | 750          | 90-91                |
| 25                       | 1500                    | 60                      |                | 24,9 | 27200                   | 172                     | 77                      | 700          |                      | 24,9 | 32200                   | 203                     | 86                      | 770          |                      |
| 31                       | 1500                    | 48                      |                | 30,6 | 29000                   | 149                     | 77                      | 700          |                      | 31,4 | 36700                   | 184                     | 86                      | 770          |                      |
| 33                       | 1500                    | 45                      |                | 32,9 | 27500                   | 131                     | 77                      | 700          |                      | -    | -                       | -                       | -                       | -            |                      |
| 40                       | 1500                    | 38                      |                | 39,6 | 28950                   | 115                     | 77                      | 700          |                      | 40,0 | 36750                   | 144                     | 86                      | 770          |                      |
| 41                       | 1500                    | 37                      |                | 40,6 | 28900                   | 112                     | 77                      | 700          |                      | 41,6 | 37500                   | 142                     | 86                      | 770          |                      |
| 42                       | 1500                    | 36                      |                | 42,5 | 28100                   | 104                     | 77                      | 700          |                      | -    | -                       | -                       | -                       | -            |                      |
| 48                       | 1500                    | 31                      |                | 47,1 | 28000                   | 93                      | 77                      | 700          |                      | 49,9 | 34500                   | 109                     | 86                      | 770          |                      |
| 50                       | 1500                    | 30                      |                | 50,0 | 24000                   | 75                      | 77                      | 700          |                      | 51,7 | 37750                   | 115                     | 86                      | 770          |                      |
| 53                       | 1500                    | 28                      |                | 52,4 | 28865                   | 86                      | 77                      | 700          |                      | 53,7 | 35650                   | 104                     | 86                      | 770          |                      |
| 61                       | 1500                    | 25                      |                | 61,5 | 26650                   | 68                      | 77                      | 700          |                      | 61,6 | 36700                   | 94                      | 86                      | 770          |                      |
| 62                       | 1500                    | 24                      |                | 62,4 | 27900                   | 70                      | 77                      | 700          |                      | -    | -                       | -                       | -                       | -            |                      |
| 65                       | 1500                    | 23                      |                | 64,6 | 23880                   | 58                      | 77                      | 700          |                      | 64,5 | 34250                   | 83                      | 86                      | 770          |                      |
| 66                       | 1500                    | 23                      |                | 66,2 | 24000                   | 57                      | 77                      | 700          |                      | 66,1 | 34250                   | 81                      | 86                      | 770          |                      |
| 68                       | 1500                    | 22                      |                | 68,5 | 26600                   | 61                      | 77                      | 700          |                      | 68,5 | 38900                   | 89                      | 86                      | 770          |                      |
| 77                       | 1500                    | 19                      |                | 76,9 | 23880                   | 49                      | 77                      | 700          |                      | 76,8 | 34250                   | 70                      | 86                      | 770          |                      |
| 81                       | 1500                    | 19                      |                | 81,5 | 27250                   | 52                      | 77                      | 700          |                      | 81,1 | 34100                   | 66                      | 86                      | 770          |                      |
| 84                       | 1500                    | 18                      |                | 84,0 | 27420                   | 51                      | 77                      | 700          |                      | 84,0 | 40000                   | 75                      | 86                      | 770          |                      |
| 100                      | 1500                    | 15                      |                | 100  | 28050                   | 44                      | 77                      | 700          |                      | 100  | 36400                   | 57                      | 86                      | 770          |                      |
| 105                      | 1500                    | 14                      |                | 105  | 24500                   | 37                      | 77                      | 700          |                      | 105  | 35180                   | 53                      | 86                      | 770          |                      |
| 125                      | 1500                    | 12                      |                | 125  | 25115                   | 32                      | 77                      | 700          |                      | 125  | 36000                   | 45                      | 86                      | 770          |                      |



**Prestazioni a 1500 rpm**

Performance tables according to Input Speed 1500 rpm

| n <sub>1</sub> =1500 d/d |                         |                         |                | 320  |                         |                         |                         |              |                      | 360  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 2,5                      | 1500                    | 600                     | 1              | 2,55 | 40150                   | 2473                    | 243                     | 1080         | 54-55                | -    | -                       | -                       | -                       | -            | 56-57                |
| 3                        | 1500                    | 500                     |                | 3,11 | 36670                   | 1852                    | 243                     | 1080         |                      | 3,12 | 75000                   | 3776                    | 344                     | 1250         |                      |
| 4                        | 1500                    | 375                     |                | 4,07 | 35670                   | 1377                    | 243                     | 1080         |                      | 4,18 | 74750                   | 2809                    | 344                     | 1250         |                      |
| 5                        | 1500                    | 300                     |                | 4,93 | 43000                   | 1370                    | 243                     | 1080         |                      | 4,87 | 66000                   | 2129                    | 344                     | 1250         |                      |
| 6                        | 1500                    | 250                     | 2              | 6,42 | 37350                   | 914                     | 162                     | 1282         | 74-75                | -    | -                       | -                       | -                       | -            | 76-77                |
| 8                        | 1500                    | 188                     |                | 7,92 | 40900                   | 811                     | 162                     | 1282         |                      | -    | -                       | -                       | -                       | -            |                      |
| 9                        | 1500                    | 167                     |                | 9,66 | 44440                   | 723                     | 162                     | 1282         |                      | -    | -                       | -                       | -                       | -            |                      |
| 10                       | 1500                    | 150                     |                | 10,3 | 38900                   | 591                     | 162                     | 1282         |                      | 9,70 | 50000                   | 810                     | 181                     | 1490         |                      |
| 12                       | 1500                    | 125                     |                | 12,6 | 44600                   | 556                     | 162                     | 1282         |                      | 13,0 | 67000                   | 810                     | 181                     | 1490         |                      |
| 15                       | 1500                    | 100                     |                | -    | -                       | -                       | -                       | -            |                      | 15,1 | 70500                   | 731                     | 181                     | 1490         |                      |
| 16                       | 1500                    | 94                      |                | 16,5 | 43800                   | 416                     | 162                     | 1282         |                      | 15,8 | 49500                   | 491                     | 181                     | 1490         |                      |
| 17                       | 1500                    | 88                      |                | -    | -                       | -                       | -                       | -            |                      | 17,0 | 75800                   | 702                     | 181                     | 1490         |                      |
| 20                       | 1500                    | 75                      |                | -    | -                       | -                       | -                       | -            |                      | 19,8 | 70800                   | 562                     | 181                     | 1490         |                      |
| 21                       | 1500                    | 71                      |                | 20,7 | 45500                   | 346                     | 162                     | 1282         |                      | 21,2 | 66200                   | 490                     | 181                     | 1490         |                      |
| 25                       | 1500                    | 60                      |                | 25,1 | 51950                   | 326                     | 162                     | 1282         |                      | 24,7 | 70950                   | 451                     | 181                     | 1490         |                      |
| 20                       | 1500                    | 75                      | 3              | 19,7 | 44850                   | 357                     | 122                     | 1350         | 92-93                | -    | -                       | -                       | -                       | -            | 94-95                |
| 24                       | 1500                    | 63                      |                | 24,1 | 47250                   | 308                     | 122                     | 1350         |                      | 24,2 | 70300                   | 457                     | 138                     | 1550         |                      |
| 26                       | 1500                    | 58                      |                | 26,3 | 46000                   | 275                     | 122                     | 1350         |                      | -    | -                       | -                       | -                       | -            |                      |
| 30                       | 1500                    | 50                      |                | 29,7 | 47450                   | 251                     | 122                     | 1350         |                      | 29,8 | 79500                   | 419                     | 138                     | 1550         |                      |
| 32                       | 1500                    | 47                      |                | 32,1 | 48450                   | 237                     | 122                     | 1350         |                      | 32,4 | 77400                   | 375                     | 138                     | 1550         |                      |
| 38                       | 1500                    | 39                      |                | 38,2 | 51400                   | 211                     | 122                     | 1350         |                      | 37,7 | 70850                   | 295                     | 138                     | 1550         |                      |
| 40                       | 1500                    | 38                      |                | 39,5 | 49470                   | 197                     | 122                     | 1350         |                      | 39,7 | 79400                   | 314                     | 138                     | 1550         |                      |
| 42                       | 1500                    | 36                      |                | 42,0 | 47100                   | 176                     | 122                     | 1350         |                      | 43,1 | 73250                   | 267                     | 138                     | 1550         |                      |
| 47                       | 1500                    | 32                      |                | 47,1 | 51000                   | 170                     | 122                     | 1350         |                      | -    | -                       | -                       | -                       | -            |                      |
| 48                       | 1500                    | 31                      |                | 48,4 | 52400                   | 170                     | 122                     | 1350         |                      | -    | -                       | -                       | -                       | -            |                      |
| 50                       | 1500                    | 30                      |                | 50,7 | 47500                   | 147                     | 122                     | 1350         |                      | 50,3 | 70450                   | 220                     | 138                     | 1550         |                      |
| 51                       | 1500                    | 29                      |                | 51,6 | 51730                   | 157                     | 122                     | 1350         |                      | 51,8 | 70700                   | 214                     | 138                     | 1550         |                      |
| 53                       | 1500                    | 28                      |                | 52,9 | 51100                   | 152                     | 122                     | 1350         |                      | 53,2 | 73300                   | 217                     | 138                     | 1550         |                      |
| 62                       | 1500                    | 24                      |                | 61,6 | 50700                   | 129                     | 122                     | 1350         |                      | 61,9 | 70150                   | 178                     | 138                     | 1550         |                      |
| 64                       | 1500                    | 23                      |                | 63,4 | 51000                   | 126                     | 122                     | 1350         |                      | 64,8 | 63300                   | 154                     | 138                     | 1550         |                      |
| 68                       | 1500                    | 22                      |                | 67,6 | 50600                   | 118                     | 122                     | 1350         |                      | 69,4 | 76500                   | 173                     | 138                     | 1550         |                      |
| 75                       | 1500                    | 20                      |                | 75,6 | 50500                   | 105                     | 122                     | 1350         |                      | 74,5 | 69600                   | 147                     | 138                     | 1550         |                      |
| 77                       | 1500                    | 19                      |                | 77,6 | 54400                   | 110                     | 122                     | 1350         |                      | -    | -                       | -                       | -                       | -            |                      |
| 82                       | 1500                    | 18                      |                | 81,3 | 52820                   | 102                     | 122                     | 1350         |                      | 83,5 | 78000                   | 147                     | 138                     | 1550         |                      |
| 98                       | 1500                    | 15                      |                | 98,7 | 51800                   | 82                      | 122                     | 1350         |                      | 97,3 | 71000                   | 115                     | 138                     | 1550         |                      |
| 102                      | 1500                    | 15                      |                | 102  | 56730                   | 88                      | 122                     | 1350         |                      | 104  | 73400                   | 110                     | 138                     | 1550         |                      |
| 122                      | 1500                    | 12                      |                | 123  | 53380                   | 68                      | 122                     | 1350         |                      | 122  | 71000                   | 92                      | 138                     | 1550         |                      |





**Prestazioni a 1800 rpm**  
Performance tables according to Input Speed 1800 rpm

| n <sub>1</sub> =1800 d/d |                         |                         |                | 125  |                         |                         |                         |              |                      | 140  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 2,5                      | 1800                    | 720                     | 1              | 2,47 | 3185                    | 243                     | 39                      | 81           | 38-39                | -    | -                       | -                       | -                       | -            | 40-41                |
| 3                        | 1800                    | 600                     |                | 3,21 | 3410                    | 200                     | 39                      | 81           |                      | 3,08 | 3822                    | 234                     | 51                      | 93           |                      |
| 4                        | 1800                    | 450                     |                | 4,15 | 2661                    | 121                     | 39                      | 81           |                      | 4,08 | 3626                    | 168                     | 51                      | 93           |                      |
| 5                        | 1800                    | 360                     |                | 4,75 | 2793                    | 111                     | 39                      | 81           |                      | 5,00 | 3381                    | 127                     | 51                      | 93           |                      |
| 6                        | 1800                    | 300                     | 2              | 6,42 | 3401                    | 100                     | 26                      | 92           | 58-59                | -    | -                       | -                       | -                       | -            | 60-61                |
| 7                        | 1800                    | 257                     |                | 7,79 | 3479                    | 84                      | 26                      | 92           |                      | -    | -                       | -                       | -                       | -            |                      |
| 8                        | 1800                    | 225                     |                | 8,36 | 3528                    | 80                      | 26                      | 92           |                      | 8,00 | 4067                    | 96                      | 29                      | 113          |                      |
| 10                       | 1800                    | 180                     |                | 10,1 | 3508                    | 65                      | 26                      | 92           |                      | 9,70 | 4131                    | 80                      | 29                      | 113          |                      |
| 11                       | 1800                    | 164                     |                | 10,8 | 2769                    | 48                      | 26                      | 92           |                      | 10,6 | 3940                    | 70                      | 29                      | 113          |                      |
| 12                       | 1800                    | 150                     |                | 12,6 | 3489                    | 52                      | 26                      | 92           |                      | 12,0 | 4214                    | 66                      | 29                      | 113          |                      |
| 15                       | 1800                    | 120                     |                | 15,8 | 3469                    | 41                      | 26                      | 92           |                      | 15,2 | 3969                    | 49                      | 29                      | 113          |                      |
| 16                       | 1800                    | 113                     |                | 16,2 | 2744                    | 32                      | 26                      | 92           |                      | 15,9 | 4116                    | 49                      | 29                      | 113          |                      |
| 18                       | 1800                    | 100                     |                | 18,6 | 2724                    | 28                      | 26                      | 92           |                      | -    | -                       | -                       | -                       | -            |                      |
| 20                       | 1800                    | 90                      |                | 20,5 | 2724                    | 25                      | 26                      | 92           |                      | 20,1 | 4116                    | 39                      | 29                      | 113          |                      |
| 24                       | 1800                    | 75                      |                | 23,4 | 2720                    | 22                      | 26                      | 92           |                      | 24,6 | 3489                    | 27                      | 29                      | 113          |                      |
| 25                       | 1800                    | 72                      | 3              | -    | -                       | -                       | -                       | -            |                      | 25,5 | 3165                    | 23                      | 21                      | 115          | 78-79                |
| 31                       | 1800                    | 58                      |                | -    | -                       | -                       | -                       | -            |                      | 30,9 | 3381                    | 21                      | 21                      | 115          |                      |
| 34                       | 1800                    | 53                      |                | -    | -                       | -                       | -                       | -            |                      | 33,8 | 3949                    | 22                      | 21                      | 115          |                      |
| 38                       | 1800                    | 47                      |                | -    | -                       | -                       | -                       | -            |                      | 38,3 | 3822                    | 19                      | 21                      | 115          |                      |
| 40                       | 1800                    | 45                      |                | -    | -                       | -                       | -                       | -            |                      | 40,3 | 3430                    | 16                      | 21                      | 115          |                      |
| 41                       | 1800                    | 44                      |                | -    | -                       | -                       | -                       | -            |                      | 41,0 | 4175                    | 19                      | 21                      | 115          |                      |
| 44                       | 1800                    | 41                      |                | -    | -                       | -                       | -                       | -            |                      | 44,0 | 4018                    | 17                      | 21                      | 115          |                      |
| 48                       | 1800                    | 38                      |                | -    | -                       | -                       | -                       | -            |                      | 48,3 | 3430                    | 13                      | 21                      | 115          |                      |
| 50                       | 1800                    | 36                      |                | -    | -                       | -                       | -                       | -            |                      | 50,0 | 3675                    | 14                      | 21                      | 115          |                      |
| 51                       | 1800                    | 35                      |                | -    | -                       | -                       | -                       | -            |                      | 50,8 | 4165                    | 15                      | 21                      | 115          |                      |
| 53                       | 1800                    | 34                      |                | -    | -                       | -                       | -                       | -            |                      | 53,4 | 4165                    | 15                      | 21                      | 115          |                      |
| 64                       | 1800                    | 28                      |                | -    | -                       | -                       | -                       | -            |                      | 64,0 | 4165                    | 12                      | 21                      | 115          |                      |
| 66                       | 1800                    | 27                      |                | -    | -                       | -                       | -                       | -            |                      | 66,2 | 4165                    | 12                      | 21                      | 115          |                      |
| 70                       | 1800                    | 26                      |                | -    | -                       | -                       | -                       | -            |                      | 69,7 | 4038                    | 11                      | 21                      | 115          |                      |
| 78                       | 1800                    | 23                      |                | -    | -                       | -                       | -                       | -            |                      | 78,5 | 4234                    | 10                      | 21                      | 115          |                      |
| 86                       | 1800                    | 21                      |                | -    | -                       | -                       | -                       | -            |                      | 86,3 | 4292                    | 9                       | 21                      | 115          |                      |
| 98                       | 1800                    | 18                      |                | -    | -                       | -                       | -                       | -            |                      | 98,8 | 4116                    | 8                       | 21                      | 115          |                      |
| 108                      | 1800                    | 17                      |                | -    | -                       | -                       | -                       | -            |                      | 109  | 4116                    | 7                       | 21                      | 115          |                      |
| 133                      | 1800                    | 14                      |                | -    | -                       | -                       | -                       | -            |                      | 133  | 3626                    | 5                       | 21                      | 115          |                      |



**Prestazioni a 1800 rpm**

Performance tables according to Input Speed 1800 rpm

| n <sub>1</sub> =1800 d/d |                         |                         |                | 160  |                         |                         |                         |              |                      | 180  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 2,5                      | 1800                    | 720                     | 1              | 2,57 | 6076                    | 446                     | 58                      | 156          | 42-43                | -    | -                       | -                       | -                       | -            | 44-45                |
| 3                        | 1800                    | 600                     |                | 3,17 | 6536,6                  | 389                     | 58                      | 156          |                      | 3,07 | 7595                    | 466                     | 82                      | 180          |                      |
| 4                        | 1800                    | 450                     |                | 4,08 | 6027                    | 278                     | 58                      | 156          |                      | 4,09 | 7193,2                  | 331                     | 82                      | 180          |                      |
| 5                        | 1800                    | 360                     |                | 5,00 | 5488                    | 207                     | 58                      | 156          |                      | 4,92 | 6595,4                  | 253                     | 82                      | 180          |                      |
| 6                        | 1800                    | 300                     | 2              | 6,35 | 6909                    | 205                     | 38                      | 200          | 62-63                | -    | -                       | -                       | -                       | -            | 64-65                |
| 7                        | 1800                    | 257                     |                | 7,82 | 7350                    | 177                     | 38                      | 200          |                      | -    | -                       | -                       | -                       | -            |                      |
| 8                        | 1800                    | 225                     |                | 8,27 | 7075,6                  | 161                     | 38                      | 200          |                      | -    | -                       | -                       | -                       | -            |                      |
| 10                       | 1800                    | 180                     |                | 10,2 | 7497                    | 139                     | 38                      | 200          |                      | 9,87 | 8457,4                  | 162                     | 43                      | 220          |                      |
| 12                       | 1800                    | 150                     |                | 12,4 | 5880                    | 90                      | 38                      | 200          |                      | -    | -                       | -                       | -                       | -            |                      |
| 13                       | 1800                    | 144                     |                | 13,2 | 7624,4                  | 109                     | 38                      | 200          |                      | 13,2 | 8918                    | 128                     | 43                      | 220          |                      |
| 15                       | 1800                    | 120                     |                | 15,0 | 5488                    | 69                      | 38                      | 200          |                      | 15,8 | 8820                    | 105                     | 43                      | 220          |                      |
| 17                       | 1800                    | 106                     |                | 17,0 | 6272                    | 70                      | 38                      | 200          |                      | 17,0 | 8526                    | 95                      | 43                      | 220          |                      |
| 19                       | 1800                    | 95                      |                | 19,4 | 6321                    | 61                      | 38                      | 200          |                      | 19,4 | 8575                    | 83                      | 43                      | 220          |                      |
| 20                       | 1800                    | 90                      |                | 20,8 | 5782                    | 52                      | 38                      | 200          |                      | 20,5 | 8771                    | 81                      | 43                      | 220          |                      |
| 23                       | 1800                    | 78                      |                | 23,8 | 5698,7                  | 45                      | 38                      | 200          |                      | 23,4 | 7938                    | 64                      | 43                      | 220          |                      |
| 20                       | 1800                    | 92                      | 3              | 19,5 | 5669,3                  | 55                      | 29                      | 207          | 80-81                | -    | -                       | -                       | -                       | -            | 82-83                |
| 23                       | 1800                    | 78                      |                | 22,9 | 5684                    | 47                      | 29                      | 207          |                      | 23,3 | 6762                    | 55                      | 33                      | 225          |                      |
| 24                       | 1800                    | 75                      |                | 24,0 | 6977,6                  | 55                      | 29                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 25                       | 1800                    | 72                      |                | 25,4 | 6036,8                  | 45                      | 29                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 28                       | 1800                    | 64                      |                | 28,2 | 7007                    | 47                      | 29                      | 207          |                      | 27,3 | 6762                    | 47                      | 33                      | 225          |                      |
| 30                       | 1800                    | 60                      |                | 29,8 | 6174                    | 39                      | 29                      | 207          |                      | 30,3 | 7212,8                  | 45                      | 33                      | 225          |                      |
| 31                       | 1800                    | 58                      |                | 31,3 | 7448                    | 45                      | 29                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 33                       | 1800                    | 55                      |                | 32,8 | 6321                    | 36                      | 29                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 36                       | 1800                    | 50                      |                | 36,6 | 7570,5                  | 39                      | 29                      | 207          |                      | 35,5 | 7350                    | 39                      | 33                      | 225          |                      |
| 37                       | 1800                    | 49                      |                | 37,9 | 5733                    | 28                      | 29                      | 207          |                      | 37,4 | 8281                    | 42                      | 33                      | 225          |                      |
| 40                       | 1800                    | 45                      |                | 40,3 | 6242,6                  | 29                      | 29                      | 207          |                      | 40,4 | 9163                    | 43                      | 33                      | 225          |                      |
| 41                       | 1800                    | 44                      |                | 40,4 | 7154                    | 33                      | 29                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 44                       | 1800                    | 41                      |                | 44,5 | 5713,4                  | 24                      | 29                      | 207          |                      | 43,8 | 8575                    | 37                      | 33                      | 225          |                      |
| 46                       | 1800                    | 39                      |                | 46,2 | 6771,8                  | 28                      | 29                      | 207          |                      | 45,9 | 7693                    | 32                      | 33                      | 225          |                      |
| 47                       | 1800                    | 38                      |                | 47,4 | 7203                    | 29                      | 29                      | 207          |                      | 47,3 | 9123,8                  | 36                      | 33                      | 225          |                      |
| 50                       | 1800                    | 36                      |                | 49,4 | 5684                    | 22                      | 29                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 52                       | 1800                    | 35                      |                | 52,1 | 5997,6                  | 22                      | 29                      | 207          |                      | 52,2 | 9114                    | 33                      | 33                      | 225          |                      |
| 54                       | 1800                    | 33                      |                | 54,2 | 6742,4                  | 23                      | 29                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 57                       | 1800                    | 32                      |                | 57,9 | 5713,4                  | 19                      | 29                      | 207          |                      | 57,0 | 8575                    | 28                      | 33                      | 225          |                      |
| 60                       | 1800                    | 30                      |                | 59,6 | 6174                    | 20                      | 29                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 61                       | 1800                    | 30                      |                | 61,1 | 6193,6                  | 19                      | 29                      | 207          |                      | 61,2 | 9084,6                  | 28                      | 33                      | 225          |                      |
| 64                       | 1800                    | 28                      |                | 63,8 | 5684                    | 17                      | 29                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 70                       | 1800                    | 26                      |                | 69,8 | 6213,2                  | 17                      | 29                      | 207          |                      | 70,0 | 8712,2                  | 23                      | 33                      | 225          |                      |
| 73                       | 1800                    | 25                      |                | 73,0 | 5684                    | 15                      | 29                      | 207          |                      | 73,6 | 8526                    | 22                      | 33                      | 225          |                      |
| 75                       | 1800                    | 24                      |                | 74,8 | 5713,4                  | 14                      | 29                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 77                       | 1800                    | 23                      |                | 77,9 | 5684                    | 14                      | 29                      | 207          |                      | 76,7 | 8526                    | 21                      | 33                      | 225          |                      |
| 82                       | 1800                    | 22                      |                | 82,2 | 6223                    | 14                      | 29                      | 207          |                      | 82,4 | 9310                    | 21                      | 33                      | 225          |                      |
| 88                       | 1800                    | 20                      |                | 89,0 | 5733                    | 12                      | 29                      | 207          |                      | 87,6 | 8575                    | 18                      | 33                      | 225          |                      |
| 94                       | 1800                    | 19                      |                | 94,0 | 6468                    | 13                      | 29                      | 207          |                      | 94,2 | 8663,2                  | 17                      | 33                      | 225          |                      |
| 100                      | 1800                    | 18                      |                | 101  | 5801,6                  | 11                      | 29                      | 207          |                      | 99,1 | 8771                    | 17                      | 33                      | 225          |                      |
| 107                      | 1800                    | 17                      |                | 107  | 6615                    | 12                      | 29                      | 207          |                      | 108  | 8673                    | 15                      | 33                      | 225          |                      |
| 114                      | 1800                    | 16                      |                | 115  | 5840,8                  | 10                      | 29                      | 207          |                      | 113  | 8918                    | 15                      | 33                      | 225          |                      |
| 130                      | 1800                    | 14                      |                | 132  | 6046,6                  | 9                       | 29                      | 207          |                      | 130  | 9084,6                  | 13                      | 33                      | 225          |                      |



**Prestazioni a 1800 rpm**  
Performance tables according to Input Speed 1800 rpm

| n <sub>1</sub> =1800 d/d |                         |                         |                | 200  |                         |                         |                         |              |                      | 225  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 2,5                      | 1800                    | 720                     | 1              | 2,50 | 11564                   | 872                     | 91                      | 280          | 46-47                | -    | -                       | -                       | -                       | -            | 48-49                |
| 3                        | 1800                    | 600                     |                | 3,20 | 11368                   | 670                     | 91                      | 280          |                      | 3,06 | 16268                   | 1002                    | 131                     | 312          |                      |
| 4                        | 1800                    | 450                     |                | 4,13 | 10780                   | 492                     | 91                      | 280          |                      | 4,14 | 14504                   | 660                     | 131                     | 312          |                      |
| 5                        | 1800                    | 360                     |                | 4,92 | 10535                   | 404                     | 91                      | 280          |                      | 5,00 | 15386                   | 580                     | 131                     | 312          |                      |
| 6                        | 1800                    | 300                     | 2              | 6,43 | 11172                   | 327                     | 62                      | 350          | 66-67                | -    | -                       | -                       | -                       | -            | 68-69                |
| 7                        | 1800                    | 257                     |                | 7,92 | 11368                   | 271                     | 62                      | 350          |                      | -    | -                       | -                       | -                       | -            |                      |
| 8                        | 1800                    | 225                     |                | 8,23 | 11809                   | 270                     | 62                      | 350          |                      | 7,86 | 15974                   | 383                     | 69                      | 377          |                      |
| 10                       | 1800                    | 180                     |                | 10,1 | 12005                   | 223                     | 62                      | 350          |                      | 9,68 | 16317                   | 318                     | 69                      | 377          |                      |
| 11                       | 1800                    | 164                     |                | 10,6 | 12054                   | 214                     | 62                      | 350          |                      | 10,7 | 16170                   | 286                     | 69                      | 377          |                      |
| 12                       | 1800                    | 150                     |                | 12,7 | 11123                   | 166                     | 62                      | 350          |                      | 12,5 | 16170                   | 244                     | 69                      | 377          |                      |
| 13                       | 1800                    | 138                     |                | 13,1 | 12250                   | 177                     | 62                      | 350          |                      | -    | -                       | -                       | -                       | -            |                      |
| 15                       | 1800                    | 120                     |                | 15,2 | 12348                   | 153                     | 62                      | 350          |                      | 14,5 | 14602                   | 190                     | 69                      | 377          |                      |
| 17                       | 1800                    | 106                     |                | 16,9 | 12005                   | 134                     | 62                      | 350          |                      | 16,9 | 15925                   | 177                     | 69                      | 377          |                      |
| 19                       | 1800                    | 95                      |                | 19,6 | 12005                   | 115                     | 62                      | 350          |                      | 19,7 | 15925                   | 153                     | 69                      | 377          |                      |
| 20                       | 1800                    | 90                      |                | 20,1 | 11025                   | 103                     | 62                      | 350          |                      | -    | -                       | -                       | -                       | -            |                      |
| 23                       | 1800                    | 78                      |                | 23,4 | 10976                   | 88                      | 62                      | 350          |                      | 23,8 | 15141                   | 120                     | 69                      | 377          |                      |
| 20                       | 1800                    | 92                      | 3              | 20,4 | 11681,6                 | 108                     | 46                      | 365          | 84-85                | -    | -                       | -                       | -                       | -            | 86-87                |
| 25                       | 1800                    | 72                      |                | 26,1 | 10976                   | 79                      | 46                      | 365          |                      | 25,0 | 14259                   | 108                     | 52                      | 392          |                      |
| 30                       | 1800                    | 60                      |                | -    | -                       | -                       | -                       | -            |                      | 30,7 | 15386                   | 94                      | 52                      | 392          |                      |
| 32                       | 1800                    | 56                      |                | 32,2 | 13230                   | 77                      | 46                      | 365          |                      | 32,5 | 14161                   | 82                      | 52                      | 392          |                      |
| 34                       | 1800                    | 53                      |                | 34,0 | 13377                   | 74                      | 46                      | 365          |                      | 33,8 | 17169,6                 | 96                      | 52                      | 392          |                      |
| 38                       | 1800                    | 47                      |                | 37,7 | 9800                    | 49                      | 46                      | 365          |                      | 40,0 | 15729                   | 74                      | 52                      | 392          |                      |
| 42                       | 1800                    | 43                      |                | 41,9 | 14014                   | 63                      | 46                      | 365          |                      | 41,7 | 17101                   | 77                      | 52                      | 392          |                      |
| 44                       | 1800                    | 41                      |                | -    | -                       | -                       | -                       | -            |                      | 44,0 | 17150                   | 73                      | 52                      | 392          |                      |
| 48                       | 1800                    | 38                      |                | 48,3 | 12544                   | 49                      | 46                      | 365          |                      | -    | -                       | -                       | -                       | -            |                      |
| 51                       | 1800                    | 35                      |                | -    | -                       | -                       | -                       | -            |                      | 51,6 | 14224,7                 | 52                      | 52                      | 392          |                      |
| 53                       | 1800                    | 34                      |                | -    | -                       | -                       | -                       | -            |                      | 53,7 | 17052                   | 60                      | 52                      | 392          |                      |
| 54                       | 1800                    | 33                      |                | 54,0 | 14700                   | 51                      | 46                      | 365          |                      | 54,2 | 17052                   | 59                      | 52                      | 392          |                      |
| 62                       | 1800                    | 29                      |                | 62,8 | 12446                   | 37                      | 46                      | 365          |                      | 62,5 | 16268                   | 49                      | 52                      | 392          |                      |
| 70                       | 1800                    | 26                      |                | 69,8 | 12348                   | 33                      | 46                      | 365          |                      | 69,9 | 16954                   | 46                      | 52                      | 392          |                      |
| 77                       | 1800                    | 23                      |                | 77,1 | 12446                   | 30                      | 46                      | 365          |                      | -    | -                       | -                       | -                       | -            |                      |
| 81                       | 1800                    | 22                      |                | 81,1 | 12397                   | 29                      | 46                      | 365          |                      | 81,3 | 16170                   | 37                      | 52                      | 392          |                      |
| 85                       | 1800                    | 21                      |                | 85,6 | 12446                   | 27                      | 46                      | 365          |                      | 85,8 | 17493                   | 38                      | 52                      | 392          |                      |
| 90                       | 1800                    | 20                      |                | 90,0 | 12446                   | 26                      | 46                      | 365          |                      | 90,2 | 17640                   | 37                      | 52                      | 392          |                      |
| 100                      | 1800                    | 18                      |                | 99,6 | 12495                   | 24                      | 46                      | 365          |                      | 99,8 | 16072                   | 30                      | 52                      | 392          |                      |
| 105                      | 1800                    | 17                      |                | 105  | 12446                   | 22                      | 46                      | 365          |                      | 105  | 16072                   | 29                      | 52                      | 392          |                      |
| 118                      | 1800                    | 15                      |                | 119  | 11319                   | 18                      | 46                      | 365          |                      | -    | -                       | -                       | -                       | -            |                      |
| 125                      | 1800                    | 14                      |                | 125  | 11417                   | 17                      | 46                      | 365          |                      | 127  | 15680                   | 23                      | 52                      | 392          |                      |



**Prestazioni a 1800 rpm**

Performance tables according to Input Speed 1800 rpm

| n <sub>1</sub> =1800 d/d |                         |                         |                | 250  |                         |                         |                         |              |                      | 280  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 2,5                      | 1800                    | 720                     | 1              | 2,52 | 20727                   | 1550                    | 146                     | 570          | 50-51                | 2,53 | 27146                   | 2022                    | 204                     | 630          | 52-53                |
| 3                        | 1800                    | 600                     |                | 3,11 | 22589                   | 1369                    | 146                     | 570          |                      | 3,19 | 28910                   | 1708                    | 204                     | 630          |                      |
| 4                        | 1800                    | 450                     |                | 4,06 | 24990                   | 1160                    | 146                     | 570          |                      | 4,07 | 28420                   | 1316                    | 204                     | 630          |                      |
| 5                        | 1800                    | 360                     |                | 5,08 | 23373                   | 867                     | 146                     | 570          |                      | 5,07 | 33320                   | 1239                    | 204                     | 630          |                      |
| 6                        | 1800                    | 300                     | 2              | 6,31 | 23422                   | 700                     | 96                      | 675          | 70-71                | 6,32 | 30184                   | 900                     | 108                     | 750          | 72-73                |
| 7                        | 1800                    | 257                     |                | 7,78 | 25774                   | 624                     | 96                      | 675          |                      | -    | -                       | -                       | -                       | -            |                      |
| 8                        | 1800                    | 225                     |                | 8,08 | 24696                   | 576                     | 96                      | 675          |                      | 8,08 | 31507                   | 735                     | 108                     | 750          |                      |
| 10                       | 1800                    | 180                     |                | 9,96 | 27146                   | 514                     | 96                      | 675          |                      | 10,2 | 34300                   | 634                     | 108                     | 750          |                      |
| 11                       | 1800                    | 164                     |                | 10,4 | 24598                   | 445                     | 96                      | 675          |                      | -    | -                       | -                       | -                       | -            |                      |
| 13                       | 1800                    | 144                     |                | 12,9 | 27048                   | 396                     | 96                      | 675          |                      | 13,0 | 33712                   | 488                     | 108                     | 750          |                      |
| 15                       | 1800                    | 120                     |                | 15,3 | 26950                   | 332                     | 96                      | 675          |                      | -    | -                       | -                       | -                       | -            |                      |
| 17                       | 1800                    | 106                     |                | 16,8 | 26950                   | 303                     | 96                      | 675          |                      | 16,8 | 33614                   | 377                     | 108                     | 750          |                      |
| 20                       | 1800                    | 90                      |                | 20,0 | 26607                   | 251                     | 96                      | 675          |                      | 20,0 | 34692                   | 327                     | 108                     | 750          |                      |
| 21                       | 1800                    | 86                      |                | 21,0 | 23765                   | 214                     | 96                      | 675          |                      | 20,9 | 34398                   | 310                     | 108                     | 750          |                      |
| 25                       | 1800                    | 72                      | 3              | 25,0 | 23765                   | 179                     | 96                      | 675          | 88-89                | 24,9 | 34300                   | 259                     | 108                     | 750          | 90-91                |
| 25                       | 1800                    | 72                      |                | 24,9 | 26656                   | 202                     | 73                      | 700          |                      | 24,9 | 31556                   | 239                     | 81                      | 770          |                      |
| 31                       | 1800                    | 58                      |                | 30,6 | 28420                   | 175                     | 73                      | 700          |                      | 31,4 | 35966                   | 216                     | 81                      | 770          |                      |
| 33                       | 1800                    | 55                      |                | 32,9 | 26950                   | 154                     | 73                      | 700          |                      | -    | -                       | -                       | -                       | -            |                      |
| 40                       | 1800                    | 45                      |                | 39,6 | 28371                   | 135                     | 73                      | 700          |                      | 40,0 | 36015                   | 170                     | 81                      | 770          |                      |
| 41                       | 1800                    | 44                      |                | 40,6 | 28322                   | 132                     | 73                      | 700          |                      | 41,6 | 36750                   | 167                     | 81                      | 770          |                      |
| 42                       | 1800                    | 43                      |                | 42,5 | 27538                   | 122                     | 73                      | 700          |                      | -    | -                       | -                       | -                       | -            |                      |
| 48                       | 1800                    | 38                      |                | 47,1 | 27440                   | 110                     | 73                      | 700          |                      | 49,9 | 33810                   | 128                     | 81                      | 770          |                      |
| 50                       | 1800                    | 36                      |                | 50,0 | 23520                   | 89                      | 73                      | 700          |                      | 51,7 | 36995                   | 135                     | 81                      | 770          |                      |
| 53                       | 1800                    | 34                      |                | 52,4 | 28287,7                 | 102                     | 73                      | 700          |                      | 53,7 | 34937                   | 123                     | 81                      | 770          |                      |
| 61                       | 1800                    | 30                      |                | 61,5 | 26117                   | 80                      | 73                      | 700          |                      | 61,6 | 35966                   | 110                     | 81                      | 770          |                      |
| 62                       | 1800                    | 29                      |                | 62,4 | 27342                   | 83                      | 73                      | 700          |                      | -    | -                       | -                       | -                       | -            |                      |
| 65                       | 1800                    | 28                      |                | 64,6 | 23402,4                 | 68                      | 73                      | 700          |                      | 64,5 | 33565                   | 98                      | 81                      | 770          |                      |
| 66                       | 1800                    | 27                      |                | 66,2 | 23520                   | 67                      | 73                      | 700          |                      | 66,1 | 33565                   | 96                      | 81                      | 770          |                      |
| 68                       | 1800                    | 26                      |                | 68,5 | 26068                   | 72                      | 73                      | 700          |                      | 68,5 | 38122                   | 105                     | 81                      | 770          |                      |
| 77                       | 1800                    | 23                      |                | 76,9 | 23402,4                 | 57                      | 73                      | 700          |                      | 76,8 | 33565                   | 82                      | 81                      | 770          |                      |
| 81                       | 1800                    | 22                      |                | 81,5 | 26705                   | 62                      | 73                      | 700          |                      | 81,1 | 33418                   | 78                      | 81                      | 770          |                      |
| 84                       | 1800                    | 21                      |                | 84,0 | 26871,6                 | 60                      | 73                      | 700          |                      | 84,0 | 39200                   | 88                      | 81                      | 770          |                      |
| 100                      | 1800                    | 18                      |                | 100  | 27489                   | 52                      | 73                      | 700          |                      | 100  | 35672                   | 67                      | 81                      | 770          |                      |
| 105                      | 1800                    | 17                      |                | 105  | 24010                   | 43                      | 73                      | 700          |                      | 105  | 34476,4                 | 62                      | 81                      | 770          |                      |
| 125                      | 1800                    | 14                      |                | 125  | 24612,7                 | 37                      | 73                      | 700          |                      | 125  | 35280                   | 53                      | 81                      | 770          |                      |



**Prestazioni a 1800 rpm**  
Performance tables according to Input Speed 1800 rpm

| n <sub>1</sub> =1800 d/d |                         |                         |                | 320  |                         |                         |                         |              |                      | 360  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 2,5                      | 1800                    | 720                     | 1              | 2,55 | 39347                   | 2908                    | 231                     | 1080         | 54-55                | -    | -                       | -                       | -                       | -            | 56-57                |
| 3                        | 1800                    | 600                     |                | 3,11 | 35937                   | 2178                    | 231                     | 1080         |                      | 3,12 | 73500                   | 4440                    | 327                     | 1250         |                      |
| 4                        | 1800                    | 450                     |                | 4,07 | 34957                   | 1619                    | 231                     | 1080         |                      | 4,18 | 73255                   | 3303                    | 327                     | 1250         |                      |
| 5                        | 1800                    | 360                     |                | 4,93 | 42140                   | 1611                    | 231                     | 1080         |                      | 4,87 | 64680                   | 2503                    | 327                     | 1250         |                      |
| 6                        | 1800                    | 300                     | 2              | 6,42 | 36603                   | 1075                    | 154                     | 1282         | 74-75                | -    | -                       | -                       | -                       | -            | 76-77                |
| 8                        | 1800                    | 225                     |                | 7,92 | 40082                   | 954                     | 154                     | 1282         |                      | -    | -                       | -                       | -                       | -            |                      |
| 9                        | 1800                    | 200                     |                | 9,66 | 43551                   | 850                     | 154                     | 1282         |                      | -    | -                       | -                       | -                       | -            |                      |
| 10                       | 1800                    | 180                     |                | 10,3 | 38122                   | 695                     | 154                     | 1282         |                      | 9,70 | 49000                   | 952                     | 172                     | 1490         |                      |
| 12                       | 1800                    | 150                     |                | 12,6 | 43708                   | 653                     | 154                     | 1282         |                      | 13,0 | 65660                   | 953                     | 172                     | 1490         |                      |
| 15                       | 1800                    | 120                     |                | -    | -                       | -                       | -                       | -            |                      | 15,1 | 69090                   | 860                     | 172                     | 1490         |                      |
| 16                       | 1800                    | 113                     |                | 16,5 | 42924                   | 490                     | 154                     | 1282         |                      | 15,8 | 48510                   | 578                     | 172                     | 1490         |                      |
| 17                       | 1800                    | 106                     |                | -    | -                       | -                       | -                       | -            |                      | 17,0 | 74284                   | 825                     | 172                     | 1490         |                      |
| 20                       | 1800                    | 90                      |                | -    | -                       | -                       | -                       | -            |                      | 19,8 | 69384                   | 661                     | 172                     | 1490         |                      |
| 21                       | 1800                    | 86                      |                | 20,7 | 44590                   | 407                     | 154                     | 1282         |                      | 21,2 | 64876                   | 577                     | 172                     | 1490         |                      |
| 25                       | 1800                    | 72                      |                | 25,1 | 50911                   | 383                     | 154                     | 1282         |                      | 24,7 | 69531                   | 530                     | 172                     | 1490         |                      |
| 20                       | 1800                    | 92                      | 3              | 19,7 | 43953                   | 420                     | 115                     | 1350         | 92-93                | -    | -                       | -                       | -                       | -            | 94-95                |
| 24                       | 1800                    | 75                      |                | 24,1 | 46305                   | 363                     | 115                     | 1350         |                      | 24,2 | 68894                   | 537                     | 131                     | 1550         |                      |
| 26                       | 1800                    | 69                      |                | 26,3 | 45080                   | 323                     | 115                     | 1350         |                      | -    | -                       | -                       | -                       | -            |                      |
| 30                       | 1800                    | 60                      |                | 29,7 | 46501                   | 295                     | 115                     | 1350         |                      | 29,8 | 77910                   | 493                     | 131                     | 1550         |                      |
| 32                       | 1800                    | 56                      |                | 32,1 | 47481                   | 279                     | 115                     | 1350         |                      | 32,4 | 75852                   | 442                     | 131                     | 1550         |                      |
| 38                       | 1800                    | 47                      |                | 38,2 | 50372                   | 248                     | 115                     | 1350         |                      | 37,7 | 69433                   | 347                     | 131                     | 1550         |                      |
| 40                       | 1800                    | 45                      |                | 39,5 | 48481                   | 231                     | 115                     | 1350         |                      | 39,7 | 77812                   | 370                     | 131                     | 1550         |                      |
| 42                       | 1800                    | 43                      |                | 42,0 | 46158                   | 207                     | 115                     | 1350         |                      | 43,1 | 71785                   | 314                     | 131                     | 1550         |                      |
| 47                       | 1800                    | 38                      |                | 47,1 | 49980                   | 200                     | 115                     | 1350         |                      | -    | -                       | -                       | -                       | -            |                      |
| 48                       | 1800                    | 38                      |                | 48,4 | 51352                   | 200                     | 115                     | 1350         |                      | -    | -                       | -                       | -                       | -            |                      |
| 50                       | 1800                    | 36                      |                | 50,7 | 46550                   | 173                     | 115                     | 1350         |                      | 50,3 | 69041                   | 259                     | 131                     | 1550         |                      |
| 51                       | 1800                    | 35                      |                | 51,6 | 50695                   | 185                     | 115                     | 1350         |                      | 51,8 | 69286                   | 252                     | 131                     | 1550         |                      |
| 53                       | 1800                    | 34                      |                | 52,9 | 50078                   | 179                     | 115                     | 1350         |                      | 53,2 | 71834                   | 255                     | 131                     | 1550         |                      |
| 62                       | 1800                    | 29                      |                | 61,6 | 49686                   | 152                     | 115                     | 1350         |                      | 61,9 | 68747                   | 209                     | 131                     | 1550         |                      |
| 64                       | 1800                    | 28                      |                | 63,4 | 49980                   | 149                     | 115                     | 1350         |                      | 64,8 | 62034                   | 181                     | 131                     | 1550         |                      |
| 68                       | 1800                    | 26                      |                | 67,6 | 49588                   | 138                     | 115                     | 1350         |                      | 69,4 | 74970                   | 204                     | 131                     | 1550         |                      |
| 75                       | 1800                    | 24                      |                | 75,6 | 49490                   | 123                     | 115                     | 1350         |                      | 74,5 | 68208                   | 172                     | 131                     | 1550         |                      |
| 77                       | 1800                    | 23                      |                | 77,6 | 53312                   | 129                     | 115                     | 1350         |                      | -    | -                       | -                       | -                       | -            |                      |
| 82                       | 1800                    | 22                      |                | 81,3 | 51764                   | 120                     | 115                     | 1350         |                      | 83,5 | 76440                   | 172                     | 131                     | 1550         |                      |
| 98                       | 1800                    | 18                      |                | 98,7 | 50764                   | 97                      | 115                     | 1350         |                      | 97,3 | 69580                   | 135                     | 131                     | 1550         |                      |
| 102                      | 1800                    | 18                      |                | 102  | 55595                   | 103                     | 115                     | 1350         |                      | 104  | 71932                   | 130                     | 131                     | 1550         |                      |
| 122                      | 1800                    | 15                      |                | 123  | 52312                   | 80                      | 115                     | 1350         |                      | 122  | 69580                   | 108                     | 131                     | 1550         |                      |



**Prestazioni a 1200 rpm**

Performance tables according to Input Speed 1200 rpm

| n <sub>1</sub> =1200 d/d |                         |                         |                | 125  |                         |                         |                         |              |                      | 140  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 2,5                      | 1200                    | 480                     | 1              | 2,47 | 3315                    | 169                     | 45                      | 81           | 38-39                | -    | -                       | -                       | -                       | -            | 40-41                |
| 3                        | 1200                    | 400                     |                | 3,21 | 3550                    | 139                     | 45                      | 81           |                      | 3,08 | 3978                    | 162                     | 59                      | 93           |                      |
| 4                        | 1200                    | 300                     |                | 4,15 | 2769                    | 84                      | 45                      | 81           |                      | 4,08 | 3774                    | 116                     | 59                      | 93           |                      |
| 5                        | 1200                    | 240                     |                | 4,75 | 2907                    | 77                      | 45                      | 81           |                      | 5,00 | 3519                    | 88                      | 59                      | 93           |                      |
| 6                        | 1200                    | 200                     | 2              | 6,42 | 3539                    | 69                      | 30                      | 92           | 58-59                | -    | -                       | -                       | -                       | -            | 60-61                |
| 7                        | 1200                    | 171                     |                | 7,79 | 3621                    | 58                      | 30                      | 92           |                      | -    | -                       | -                       | -                       | -            |                      |
| 8                        | 1200                    | 150                     |                | 8,36 | 3672                    | 55                      | 30                      | 92           |                      | 8,00 | 4233                    | 66                      | 33                      | 113          |                      |
| 10                       | 1200                    | 120                     |                | 10,1 | 3652                    | 45                      | 30                      | 92           |                      | 9,70 | 4299,3                  | 56                      | 33                      | 113          |                      |
| 11                       | 1200                    | 109                     |                | 10,8 | 2882                    | 34                      | 30                      | 92           |                      | 10,6 | 4100,4                  | 49                      | 33                      | 113          |                      |
| 12                       | 1200                    | 100                     |                | 12,6 | 3631                    | 36                      | 30                      | 92           |                      | 12,0 | 4386                    | 46                      | 33                      | 113          |                      |
| 15                       | 1200                    | 80                      |                | 15,8 | 3611                    | 29                      | 30                      | 92           |                      | 15,2 | 4131                    | 34                      | 33                      | 113          |                      |
| 16                       | 1200                    | 75                      |                | 16,2 | 2856                    | 22                      | 30                      | 92           |                      | 15,9 | 4284                    | 34                      | 33                      | 113          |                      |
| 18                       | 1200                    | 67                      |                | 18,6 | 2836                    | 19                      | 30                      | 92           |                      | -    | -                       | -                       | -                       | -            |                      |
| 20                       | 1200                    | 60                      |                | 20,5 | 2836                    | 17                      | 30                      | 92           |                      | 20,1 | 4284                    | 27                      | 33                      | 113          |                      |
| 24                       | 1200                    | 50                      |                | 23,4 | 2831                    | 15                      | 30                      | 92           |                      | 24,6 | 3631,2                  | 19                      | 33                      | 113          |                      |
| 25                       | 1200                    | 48                      | 3              | -    | -                       | -                       | -                       | -            |                      | 25,5 | 3294,6                  | 16                      | 25                      | 115          | 78-79                |
| 31                       | 1200                    | 39                      |                | -    | -                       | -                       | -                       | -            |                      | 30,9 | 3519                    | 14                      | 25                      | 115          |                      |
| 34                       | 1200                    | 35                      |                | -    | -                       | -                       | -                       | -            |                      | 33,8 | 4110,6                  | 15                      | 25                      | 115          |                      |
| 38                       | 1200                    | 32                      |                | -    | -                       | -                       | -                       | -            |                      | 38,3 | 3978                    | 13                      | 25                      | 115          |                      |
| 40                       | 1200                    | 30                      |                | -    | -                       | -                       | -                       | -            |                      | 40,3 | 3570                    | 11                      | 25                      | 115          |                      |
| 41                       | 1200                    | 29                      |                | -    | -                       | -                       | -                       | -            |                      | 41,0 | 4345,2                  | 13                      | 25                      | 115          |                      |
| 44                       | 1200                    | 27                      |                | -    | -                       | -                       | -                       | -            |                      | 44,0 | 4182                    | 12                      | 25                      | 115          |                      |
| 48                       | 1200                    | 25                      |                | -    | -                       | -                       | -                       | -            |                      | 48,3 | 3570                    | 9                       | 25                      | 115          |                      |
| 50                       | 1200                    | 24                      |                | -    | -                       | -                       | -                       | -            |                      | 50,0 | 3825                    | 10                      | 25                      | 115          |                      |
| 51                       | 1200                    | 24                      |                | -    | -                       | -                       | -                       | -            |                      | 50,8 | 4335                    | 11                      | 25                      | 115          |                      |
| 53                       | 1200                    | 23                      |                | -    | -                       | -                       | -                       | -            |                      | 53,4 | 4335                    | 10                      | 25                      | 115          |                      |
| 64                       | 1200                    | 19                      |                | -    | -                       | -                       | -                       | -            |                      | 64,0 | 4335                    | 9                       | 25                      | 115          |                      |
| 66                       | 1200                    | 18                      |                | -    | -                       | -                       | -                       | -            |                      | 66,2 | 4335                    | 8                       | 25                      | 115          |                      |
| 70                       | 1200                    | 17                      |                | -    | -                       | -                       | -                       | -            |                      | 69,7 | 4202,4                  | 8                       | 25                      | 115          |                      |
| 78                       | 1200                    | 15                      |                | -    | -                       | -                       | -                       | -            |                      | 78,5 | 4406,4                  | 7                       | 25                      | 115          |                      |
| 86                       | 1200                    | 14                      |                | -    | -                       | -                       | -                       | -            |                      | 86,3 | 4467,6                  | 7                       | 25                      | 115          |                      |
| 98                       | 1200                    | 12                      |                | -    | -                       | -                       | -                       | -            |                      | 98,8 | 4284                    | 5                       | 25                      | 115          |                      |
| 108                      | 1200                    | 11                      |                | -    | -                       | -                       | -                       | -            |                      | 109  | 4284                    | 5                       | 25                      | 115          |                      |
| 133                      | 1200                    | 9                       |                | -    | -                       | -                       | -                       | -            |                      | 133  | 3774                    | 4                       | 25                      | 115          |                      |





**Prestazioni a 1200 rpm**  
Performance tables according to Input Speed 1200 rpm

| n <sub>1</sub> =1200 d/d |                         |                         |                | 160  |                         |                         |                         |              |                      | 180  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 2,5                      | 1200                    | 480                     | 1              | 2,57 | 6324                    | 309                     | 67                      | 156          | 42-43                | -    | -                       | -                       | -                       | -            | 44-45                |
| 3                        | 1200                    | 400                     |                | 3,17 | 6803,4                  | 270                     | 67                      | 156          |                      | 3,07 | 7905                    | 324                     | 94                      | 180          |                      |
| 4                        | 1200                    | 300                     |                | 4,08 | 6273                    | 193                     | 67                      | 156          |                      | 4,09 | 7486,8                  | 230                     | 94                      | 180          |                      |
| 5                        | 1200                    | 240                     |                | 5,00 | 5712                    | 144                     | 67                      | 156          |                      | 4,92 | 6864,6                  | 175                     | 94                      | 180          |                      |
| 6                        | 1200                    | 200                     | 2              | 6,35 | 7191                    | 142                     | 45                      | 200          | 62-63                | -    | -                       | -                       | -                       | -            | 64-65                |
| 7                        | 1200                    | 171                     |                | 7,82 | 7650                    | 123                     | 45                      | 200          |                      | -    | -                       | -                       | -                       | -            |                      |
| 8                        | 1200                    | 150                     |                | 8,27 | 7364,4                  | 112                     | 45                      | 200          |                      | -    | -                       | -                       | -                       | -            |                      |
| 10                       | 1200                    | 120                     |                | 10,2 | 7803                    | 96                      | 45                      | 200          |                      | 9,87 | 8802,6                  | 112                     | 50                      | 220          |                      |
| 12                       | 1200                    | 100                     |                | 12,4 | 6120                    | 62                      | 45                      | 200          |                      | -    | -                       | -                       | -                       | -            |                      |
| 13                       | 1200                    | 96                      |                | 13,2 | 7935,6                  | 76                      | 45                      | 200          |                      | 13,2 | 9282                    | 89                      | 50                      | 220          |                      |
| 15                       | 1200                    | 80                      |                | 15,0 | 5712                    | 48                      | 45                      | 200          |                      | 15,8 | 9180                    | 73                      | 50                      | 220          |                      |
| 17                       | 1200                    | 71                      |                | 17,0 | 6528                    | 48                      | 45                      | 200          |                      | 17,0 | 8874                    | 66                      | 50                      | 220          |                      |
| 19                       | 1200                    | 63                      |                | 19,4 | 6579                    | 43                      | 45                      | 200          |                      | 19,4 | 8925                    | 58                      | 50                      | 220          |                      |
| 20                       | 1200                    | 60                      |                | 20,8 | 6018                    | 36                      | 45                      | 200          |                      | 20,5 | 9129                    | 56                      | 50                      | 220          |                      |
| 23                       | 1200                    | 52                      |                | 23,8 | 5931,3                  | 31                      | 45                      | 200          |                      | 23,4 | 8262                    | 44                      | 50                      | 220          |                      |
| 20                       | 1200                    | 62                      | 3              | 19,5 | 5900,7                  | 38                      | 33                      | 207          | 80-81                | -    | -                       | -                       | -                       | -            | 82-83                |
| 23                       | 1200                    | 52                      |                | 22,9 | 5916                    | 33                      | 33                      | 207          |                      | 23,3 | 7038                    | 38                      | 38                      | 225          |                      |
| 24                       | 1200                    | 50                      |                | 24,0 | 7262,4                  | 38                      | 33                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 25                       | 1200                    | 48                      |                | 25,4 | 6283,2                  | 31                      | 33                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 28                       | 1200                    | 43                      |                | 28,2 | 7293                    | 33                      | 33                      | 207          |                      | 27,3 | 7038                    | 32                      | 38                      | 225          |                      |
| 30                       | 1200                    | 40                      |                | 29,8 | 6426                    | 27                      | 33                      | 207          |                      | 30,3 | 7507,2                  | 31                      | 38                      | 225          |                      |
| 31                       | 1200                    | 39                      |                | 31,3 | 7752                    | 31                      | 33                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 33                       | 1200                    | 36                      |                | 32,8 | 6579                    | 25                      | 33                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 36                       | 1200                    | 33                      |                | 36,6 | 7879,5                  | 27                      | 33                      | 207          |                      | 35,5 | 7650                    | 27                      | 38                      | 225          |                      |
| 37                       | 1200                    | 33                      |                | 37,9 | 5967                    | 20                      | 33                      | 207          |                      | 37,4 | 8619                    | 29                      | 38                      | 225          |                      |
| 40                       | 1200                    | 30                      |                | 40,3 | 6497,4                  | 20                      | 33                      | 207          |                      | 40,4 | 9537                    | 30                      | 38                      | 225          |                      |
| 41                       | 1200                    | 29                      |                | 40,4 | 7446                    | 23                      | 33                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 44                       | 1200                    | 27                      |                | 44,5 | 5946,6                  | 17                      | 33                      | 207          |                      | 43,8 | 8925                    | 26                      | 38                      | 225          |                      |
| 46                       | 1200                    | 26                      |                | 46,2 | 7048,2                  | 19                      | 33                      | 207          |                      | 45,9 | 8007                    | 22                      | 38                      | 225          |                      |
| 47                       | 1200                    | 26                      |                | 47,4 | 7497                    | 20                      | 33                      | 207          |                      | 47,3 | 9496,2                  | 25                      | 38                      | 225          |                      |
| 50                       | 1200                    | 24                      |                | 49,4 | 5916                    | 15                      | 33                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 52                       | 1200                    | 23                      |                | 52,1 | 6242,4                  | 15                      | 33                      | 207          |                      | 52,2 | 9486                    | 23                      | 38                      | 225          |                      |
| 54                       | 1200                    | 22                      |                | 54,2 | 7017,6                  | 16                      | 33                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 57                       | 1200                    | 21                      |                | 57,9 | 5946,6                  | 13                      | 33                      | 207          |                      | 57,0 | 8925                    | 20                      | 38                      | 225          |                      |
| 60                       | 1200                    | 20                      |                | 59,6 | 6426                    | 14                      | 33                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 61                       | 1200                    | 20                      |                | 61,1 | 6446,4                  | 13                      | 33                      | 207          |                      | 61,2 | 9455,4                  | 19                      | 38                      | 225          |                      |
| 64                       | 1200                    | 19                      |                | 63,8 | 5916                    | 12                      | 33                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 70                       | 1200                    | 17                      |                | 69,8 | 6466,8                  | 12                      | 33                      | 207          |                      | 70,0 | 9067,8                  | 16                      | 38                      | 225          |                      |
| 73                       | 1200                    | 16                      |                | 73,0 | 5916                    | 10                      | 33                      | 207          |                      | 73,6 | 8874                    | 15                      | 38                      | 225          |                      |
| 75                       | 1200                    | 16                      |                | 74,8 | 5946,6                  | 10                      | 33                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 77                       | 1200                    | 16                      |                | 77,9 | 5916                    | 10                      | 33                      | 207          |                      | 76,7 | 8874                    | 15                      | 38                      | 225          |                      |
| 82                       | 1200                    | 15                      |                | 82,2 | 6477                    | 10                      | 33                      | 207          |                      | 82,4 | 9690                    | 15                      | 38                      | 225          |                      |
| 88                       | 1200                    | 14                      |                | 89,0 | 5967                    | 8                       | 33                      | 207          |                      | 87,6 | 8925                    | 13                      | 38                      | 225          |                      |
| 94                       | 1200                    | 13                      |                | 94,0 | 6732                    | 9                       | 33                      | 207          |                      | 94,2 | 9016,8                  | 12                      | 38                      | 225          |                      |
| 100                      | 1200                    | 12                      |                | 101  | 6038,4                  | 8                       | 33                      | 207          |                      | 99,1 | 9129                    | 12                      | 38                      | 225          |                      |
| 107                      | 1200                    | 11                      |                | 107  | 6885                    | 8                       | 33                      | 207          |                      | 108  | 9027                    | 11                      | 38                      | 225          |                      |
| 114                      | 1200                    | 11                      |                | 115  | 6079,2                  | 7                       | 33                      | 207          |                      | 113  | 9282                    | 10                      | 38                      | 225          |                      |
| 130                      | 1200                    | 9                       |                | 132  | 6293,4                  | 6                       | 33                      | 207          |                      | 130  | 9455,4                  | 9                       | 38                      | 225          |                      |



**Prestazioni a 1200 rpm**

Performance tables according to Input Speed 1200 rpm

| n <sub>1</sub> =1200 d/d |                         |                         |                | 200  |                         |                         |                         |              |                      | 225  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 2,5                      | 1200                    | 480                     | 1              | 2,50 | 12036                   | 605                     | 105                     | 280          | 46-47                | -    | -                       | -                       | -                       | -            | 48-49                |
| 3                        | 1200                    | 400                     |                | 3,20 | 11832                   | 465                     | 105                     | 280          |                      | 3,06 | 16932                   | 695                     | 151                     | 312          |                      |
| 4                        | 1200                    | 300                     |                | 4,13 | 11220                   | 341                     | 105                     | 280          |                      | 4,14 | 15096                   | 458                     | 151                     | 312          |                      |
| 5                        | 1200                    | 240                     |                | 4,92 | 10965                   | 280                     | 105                     | 280          |                      | 5,00 | 16014                   | 402                     | 151                     | 312          |                      |
| 6                        | 1200                    | 200                     | 2              | 6,43 | 11628                   | 227                     | 71                      | 350          | 66-67                | -    | -                       | -                       | -                       | -            | 68-69                |
| 7                        | 1200                    | 171                     |                | 7,92 | 11832                   | 188                     | 71                      | 350          |                      | -    | -                       | -                       | -                       | -            |                      |
| 8                        | 1200                    | 150                     |                | 8,23 | 12291                   | 188                     | 71                      | 350          |                      | 7,86 | 16626                   | 266                     | 80                      | 377          |                      |
| 10                       | 1200                    | 120                     |                | 10,1 | 12495                   | 155                     | 71                      | 350          |                      | 9,68 | 16983                   | 220                     | 80                      | 377          |                      |
| 11                       | 1200                    | 109                     |                | 10,6 | 12546                   | 148                     | 71                      | 350          |                      | 10,7 | 16830                   | 199                     | 80                      | 377          |                      |
| 12                       | 1200                    | 100                     |                | 12,7 | 11577                   | 115                     | 71                      | 350          |                      | 12,5 | 16830                   | 169                     | 80                      | 377          |                      |
| 13                       | 1200                    | 92                      |                | 13,1 | 12750                   | 123                     | 71                      | 350          |                      | -    | -                       | -                       | -                       | -            |                      |
| 15                       | 1200                    | 80                      |                | 15,2 | 12852                   | 106                     | 71                      | 350          |                      | 14,5 | 15198                   | 132                     | 80                      | 377          |                      |
| 17                       | 1200                    | 71                      |                | 16,9 | 12495                   | 93                      | 71                      | 350          |                      | 16,9 | 16575                   | 123                     | 80                      | 377          |                      |
| 19                       | 1200                    | 63                      |                | 19,6 | 12495                   | 80                      | 71                      | 350          |                      | 19,7 | 16575                   | 106                     | 80                      | 377          |                      |
| 20                       | 1200                    | 60                      |                | 20,1 | 11475                   | 72                      | 71                      | 350          |                      | -    | -                       | -                       | -                       | -            |                      |
| 23                       | 1200                    | 52                      |                | 23,4 | 11424                   | 61                      | 71                      | 350          |                      | 23,8 | 15759                   | 83                      | 80                      | 377          |                      |
| 20                       | 1200                    | 62                      | 3              | 20,4 | 12158,4                 | 75                      | 53                      | 365          | 84-85                | -    | -                       | -                       | -                       | -            | 86-87                |
| 25                       | 1200                    | 48                      |                | 26,1 | 11424                   | 55                      | 53                      | 365          |                      | 25,0 | 14841                   | 75                      | 60                      | 392          |                      |
| 30                       | 1200                    | 40                      |                | -    | -                       | -                       | -                       | -            |                      | 30,7 | 16014                   | 65                      | 60                      | 392          |                      |
| 32                       | 1200                    | 38                      |                | 32,2 | 13770                   | 54                      | 53                      | 365          |                      | 32,5 | 14739                   | 57                      | 60                      | 392          |                      |
| 34                       | 1200                    | 35                      |                | 34,0 | 13923                   | 51                      | 53                      | 365          |                      | 33,8 | 17870,4                 | 66                      | 60                      | 392          |                      |
| 38                       | 1200                    | 32                      |                | 37,7 | 10200                   | 34                      | 53                      | 365          |                      | 40,0 | 16371                   | 51                      | 60                      | 392          |                      |
| 42                       | 1200                    | 29                      |                | 41,9 | 14586                   | 44                      | 53                      | 365          |                      | 41,7 | 17799                   | 54                      | 60                      | 392          |                      |
| 44                       | 1200                    | 27                      |                | -    | -                       | -                       | -                       | -            |                      | 44,0 | 17850                   | 51                      | 60                      | 392          |                      |
| 48                       | 1200                    | 25                      |                | 48,3 | 13056                   | 34                      | 53                      | 365          |                      | -    | -                       | -                       | -                       | -            |                      |
| 51                       | 1200                    | 24                      |                | -    | -                       | -                       | -                       | -            |                      | 51,6 | 14805,3                 | 36                      | 60                      | 392          |                      |
| 53                       | 1200                    | 23                      |                | -    | -                       | -                       | -                       | -            |                      | 53,7 | 17748                   | 42                      | 60                      | 392          |                      |
| 54                       | 1200                    | 22                      |                | 54,0 | 15300                   | 36                      | 53                      | 365          |                      | 54,2 | 17748                   | 41                      | 60                      | 392          |                      |
| 62                       | 1200                    | 19                      |                | 62,8 | 12954                   | 26                      | 53                      | 365          |                      | 62,5 | 16932                   | 34                      | 60                      | 392          |                      |
| 70                       | 1200                    | 17                      |                | 69,8 | 12852                   | 23                      | 53                      | 365          |                      | 69,9 | 17646                   | 32                      | 60                      | 392          |                      |
| 77                       | 1200                    | 16                      |                | 77,1 | 12954                   | 21                      | 53                      | 365          |                      | -    | -                       | -                       | -                       | -            |                      |
| 81                       | 1200                    | 15                      |                | 81,1 | 12903                   | 20                      | 53                      | 365          |                      | 81,3 | 16830                   | 26                      | 60                      | 392          |                      |
| 85                       | 1200                    | 14                      |                | 85,6 | 12954                   | 19                      | 53                      | 365          |                      | 85,8 | 18207                   | 27                      | 60                      | 392          |                      |
| 90                       | 1200                    | 13                      |                | 90,0 | 12954                   | 18                      | 53                      | 365          |                      | 90,2 | 18360                   | 26                      | 60                      | 392          |                      |
| 100                      | 1200                    | 12                      |                | 99,6 | 13005                   | 16                      | 53                      | 365          |                      | 99,8 | 16728                   | 21                      | 60                      | 392          |                      |
| 105                      | 1200                    | 11                      |                | 105  | 12954                   | 16                      | 53                      | 365          |                      | 105  | 16728                   | 20                      | 60                      | 392          |                      |
| 118                      | 1200                    | 10                      |                | 119  | 11781                   | 12                      | 53                      | 365          |                      | -    | -                       | -                       | -                       | -            |                      |
| 125                      | 1200                    | 10                      |                | 125  | 11883                   | 12                      | 53                      | 365          |                      | 127  | 16320                   | 16                      | 60                      | 392          |                      |



**Prestazioni a 1200 rpm**  
Performance tables according to Input Speed 1200 rpm

| n <sub>1</sub> =1200 d/d |                         |                         |                | 250  |                         |                         |                         |              |                      | 280  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 2,5                      | 1200                    | 480                     | 1              | 2,52 | 21573                   | 1076                    | 169                     | 570          | 50-51                | 2,53 | 28254                   | 1403                    | 236                     | 630          | 52-53                |
| 3                        | 1200                    | 400                     |                | 3,11 | 23511                   | 950                     | 169                     | 570          |                      | 3,19 | 30090                   | 1185                    | 236                     | 630          |                      |
| 4                        | 1200                    | 300                     |                | 4,06 | 26010                   | 805                     | 169                     | 570          |                      | 4,07 | 29580                   | 913                     | 236                     | 630          |                      |
| 5                        | 1200                    | 240                     |                | 5,08 | 24327                   | 602                     | 169                     | 570          |                      | 5,07 | 34680                   | 860                     | 236                     | 630          |                      |
| 6                        | 1200                    | 200                     | 2              | 6,31 | 24378                   | 485                     | 111                     | 675          | 70-71                | 6,32 | 31416                   | 625                     | 125                     | 750          | 72-73                |
| 7                        | 1200                    | 171                     |                | 7,78 | 26826                   | 433                     | 111                     | 675          |                      | -    | -                       | -                       | -                       | -            |                      |
| 8                        | 1200                    | 150                     |                | 8,08 | 25704                   | 400                     | 111                     | 675          |                      | 8,08 | 32793                   | 510                     | 125                     | 750          |                      |
| 10                       | 1200                    | 120                     |                | 9,96 | 28254                   | 356                     | 111                     | 675          |                      | 10,2 | 35700                   | 440                     | 125                     | 750          |                      |
| 11                       | 1200                    | 109                     |                | 10,4 | 25602                   | 308                     | 111                     | 675          |                      | -    | -                       | -                       | -                       | -            |                      |
| 13                       | 1200                    | 96                      |                | 12,9 | 28152                   | 275                     | 111                     | 675          |                      | 13,0 | 35088                   | 339                     | 125                     | 750          |                      |
| 15                       | 1200                    | 80                      |                | 15,3 | 28050                   | 230                     | 111                     | 675          |                      | -    | -                       | -                       | -                       | -            |                      |
| 17                       | 1200                    | 71                      |                | 16,8 | 28050                   | 210                     | 111                     | 675          |                      | 16,8 | 34986                   | 262                     | 125                     | 750          |                      |
| 20                       | 1200                    | 60                      |                | 20,0 | 27693                   | 174                     | 111                     | 675          |                      | 20,0 | 36108                   | 227                     | 125                     | 750          |                      |
| 21                       | 1200                    | 57                      |                | 21,0 | 24735                   | 148                     | 111                     | 675          |                      | 20,9 | 35802                   | 215                     | 125                     | 750          |                      |
| 25                       | 1200                    | 48                      |                | 25,0 | 24735                   | 124                     | 111                     | 675          |                      | 24,9 | 35700                   | 180                     | 125                     | 750          |                      |
| 25                       | 1200                    | 48                      | 3              | 24,9 | 27744                   | 140                     | 85                      | 700          | 88-89                | 24,9 | 32844                   | 166                     | 94                      | 770          | 90-91                |
| 31                       | 1200                    | 39                      |                | 30,6 | 29580                   | 121                     | 85                      | 700          |                      | 31,4 | 37434                   | 150                     | 94                      | 770          |                      |
| 33                       | 1200                    | 36                      |                | 32,9 | 28050                   | 107                     | 85                      | 700          |                      | -    | -                       | -                       | -                       | -            |                      |
| 40                       | 1200                    | 30                      |                | 39,6 | 29529                   | 94                      | 85                      | 700          |                      | 40,0 | 37485                   | 118                     | 94                      | 770          |                      |
| 41                       | 1200                    | 29                      |                | 40,6 | 29478                   | 91                      | 85                      | 700          |                      | 41,6 | 38250                   | 116                     | 94                      | 770          |                      |
| 42                       | 1200                    | 29                      |                | 42,5 | 28662                   | 85                      | 85                      | 700          |                      | -    | -                       | -                       | -                       | -            |                      |
| 48                       | 1200                    | 25                      |                | 47,1 | 28560                   | 76                      | 85                      | 700          |                      | 49,9 | 35190                   | 89                      | 94                      | 770          |                      |
| 50                       | 1200                    | 24                      |                | 50,0 | 24480                   | 62                      | 85                      | 700          |                      | 51,7 | 38505                   | 94                      | 94                      | 770          |                      |
| 53                       | 1200                    | 23                      |                | 52,4 | 29442,3                 | 71                      | 85                      | 700          |                      | 53,7 | 36363                   | 85                      | 94                      | 770          |                      |
| 61                       | 1200                    | 20                      |                | 61,5 | 27183                   | 56                      | 85                      | 700          |                      | 61,6 | 37434                   | 76                      | 94                      | 770          |                      |
| 62                       | 1200                    | 19                      |                | 62,4 | 28458                   | 57                      | 85                      | 700          |                      | -    | -                       | -                       | -                       | -            |                      |
| 65                       | 1200                    | 18                      |                | 64,6 | 24357,6                 | 47                      | 85                      | 700          |                      | 64,5 | 34935                   | 68                      | 94                      | 770          |                      |
| 66                       | 1200                    | 18                      |                | 66,2 | 24480                   | 46                      | 85                      | 700          |                      | 66,1 | 34935                   | 66                      | 94                      | 770          |                      |
| 68                       | 1200                    | 18                      |                | 68,5 | 27132                   | 50                      | 85                      | 700          |                      | 68,5 | 39678                   | 73                      | 94                      | 770          |                      |
| 77                       | 1200                    | 16                      |                | 76,9 | 24357,6                 | 40                      | 85                      | 700          |                      | 76,8 | 34935                   | 57                      | 94                      | 770          |                      |
| 81                       | 1200                    | 15                      |                | 81,5 | 27795                   | 43                      | 85                      | 700          |                      | 81,1 | 34782                   | 54                      | 94                      | 770          |                      |
| 84                       | 1200                    | 14                      |                | 84,0 | 27968,4                 | 42                      | 85                      | 700          |                      | 84,0 | 40800                   | 61                      | 94                      | 770          |                      |
| 100                      | 1200                    | 12                      |                | 100  | 28611                   | 36                      | 85                      | 700          |                      | 100  | 37128                   | 47                      | 94                      | 770          |                      |
| 105                      | 1200                    | 11                      |                | 105  | 24990                   | 30                      | 85                      | 700          |                      | 105  | 35883,6                 | 43                      | 94                      | 770          |                      |
| 125                      | 1200                    | 10                      |                | 125  | 25617,3                 | 26                      | 85                      | 700          |                      | 125  | 36720                   | 37                      | 94                      | 770          |                      |



**Prestazioni a 1200 rpm**

Performance tables according to Input Speed 1200 rpm

| n <sub>1</sub> =1200 d/d |                         |                         |                | 320  |                         |                         |                         |              |                      | 360  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 2,5                      | 1200                    | 480                     | 1              | 2,55 | 40953                   | 2018                    | 267                     | 1080         | 54-55                | -    | -                       | -                       | -                       | -            | 56-57                |
| 3                        | 1200                    | 400                     |                | 3,11 | 37403                   | 1511                    | 267                     | 1080         |                      | 3,12 | 76500                   | 3081                    | 378                     | 1250         |                      |
| 4                        | 1200                    | 300                     |                | 4,07 | 36383                   | 1123                    | 267                     | 1080         |                      | 4,18 | 76245                   | 2292                    | 378                     | 1250         |                      |
| 5                        | 1200                    | 240                     |                | 4,93 | 43860                   | 1118                    | 267                     | 1080         |                      | 4,87 | 67320                   | 1737                    | 378                     | 1250         |                      |
| 6                        | 1200                    | 200                     | 2              | 6,42 | 38097                   | 746                     | 178                     | 1282         | 74-75                | -    | -                       | -                       | -                       | -            | 76-77                |
| 8                        | 1200                    | 150                     |                | 7,92 | 41718                   | 662                     | 178                     | 1282         |                      | -    | -                       | -                       | -                       | -            |                      |
| 9                        | 1200                    | 133                     |                | 9,66 | 45329                   | 590                     | 178                     | 1282         |                      | -    | -                       | -                       | -                       | -            |                      |
| 10                       | 1200                    | 120                     |                | 10,3 | 39678                   | 482                     | 178                     | 1282         |                      | 9,70 | 51000                   | 661                     | 200                     | 1490         |                      |
| 12                       | 1200                    | 100                     |                | 12,6 | 45492                   | 453                     | 178                     | 1282         |                      | 13,0 | 68340                   | 661                     | 200                     | 1490         |                      |
| 15                       | 1200                    | 80                      |                | -    | -                       | -                       | -                       | -            |                      | 15,1 | 71910                   | 597                     | 200                     | 1490         |                      |
| 16                       | 1200                    | 75                      |                | -    | -                       | -                       | -                       | -            |                      | 15,8 | 50490                   | 401                     | 200                     | 1490         |                      |
| 17                       | 1200                    | 71                      |                | 16,5 | 44676                   | 340                     | 178                     | 1282         |                      | 17,0 | 77316                   | 572                     | 200                     | 1490         |                      |
| 20                       | 1200                    | 60                      |                | -    | -                       | -                       | -                       | -            |                      | 19,8 | 72216                   | 459                     | 200                     | 1490         |                      |
| 21                       | 1200                    | 57                      |                | 20,7 | 46410                   | 282                     | 178                     | 1282         |                      | 21,2 | 67524                   | 400                     | 200                     | 1490         |                      |
| 25                       | 1200                    | 48                      |                | 25,1 | 52989                   | 266                     | 178                     | 1282         |                      | 24,7 | 72369                   | 368                     | 200                     | 1490         |                      |
| 20                       | 1200                    | 62                      | 3              | 19,7 | 45747                   | 291                     | 134                     | 1350         | 92-93                | -    | -                       | -                       | -                       | -            | 94-95                |
| 24                       | 1200                    | 50                      |                | 24,1 | 48195                   | 252                     | 134                     | 1350         |                      | 24,2 | 71706                   | 373                     | 151                     | 1550         |                      |
| 26                       | 1200                    | 46                      |                | 26,3 | 46920                   | 224                     | 134                     | 1350         |                      | -    | -                       | -                       | -                       | -            |                      |
| 30                       | 1200                    | 40                      |                | 29,7 | 48399                   | 205                     | 134                     | 1350         |                      | 29,8 | 81090                   | 342                     | 151                     | 1550         |                      |
| 32                       | 1200                    | 38                      |                | 32,1 | 49419                   | 194                     | 134                     | 1350         |                      | 32,4 | 78948                   | 306                     | 151                     | 1550         |                      |
| 38                       | 1200                    | 32                      |                | 38,2 | 52428                   | 172                     | 134                     | 1350         |                      | 37,7 | 72267                   | 241                     | 151                     | 1550         |                      |
| 40                       | 1200                    | 30                      |                | 39,5 | 50459                   | 160                     | 134                     | 1350         |                      | 39,7 | 80988                   | 256                     | 151                     | 1550         |                      |
| 42                       | 1200                    | 29                      |                | 42,0 | 48042                   | 144                     | 134                     | 1350         |                      | 43,1 | 74715                   | 218                     | 151                     | 1550         |                      |
| 47                       | 1200                    | 26                      |                | 47,1 | 52020                   | 139                     | 134                     | 1350         |                      | -    | -                       | -                       | -                       | -            |                      |
| 48                       | 1200                    | 25                      |                | 48,4 | 53448                   | 139                     | 134                     | 1350         |                      | -    | -                       | -                       | -                       | -            |                      |
| 50                       | 1200                    | 24                      |                | 50,7 | 48450                   | 120                     | 134                     | 1350         |                      | 50,3 | 71859                   | 180                     | 151                     | 1550         |                      |
| 51                       | 1200                    | 24                      |                | 51,6 | 52765                   | 128                     | 134                     | 1350         |                      | 51,8 | 72114                   | 175                     | 151                     | 1550         |                      |
| 53                       | 1200                    | 23                      |                | 52,9 | 52122                   | 124                     | 134                     | 1350         |                      | 53,2 | 74766                   | 177                     | 151                     | 1550         |                      |
| 62                       | 1200                    | 19                      |                | 61,6 | 51714                   | 106                     | 134                     | 1350         |                      | 61,9 | 71553                   | 145                     | 151                     | 1550         |                      |
| 64                       | 1200                    | 19                      |                | 63,4 | 52020                   | 103                     | 134                     | 1350         |                      | 64,8 | 64566                   | 125                     | 151                     | 1550         |                      |
| 68                       | 1200                    | 18                      |                | 67,6 | 51612                   | 96                      | 134                     | 1350         |                      | 69,4 | 78030                   | 141                     | 151                     | 1550         |                      |
| 75                       | 1200                    | 16                      |                | 75,6 | 51510                   | 86                      | 134                     | 1350         |                      | 74,5 | 70992                   | 120                     | 151                     | 1550         |                      |
| 77                       | 1200                    | 16                      |                | 77,6 | 55488                   | 90                      | 134                     | 1350         |                      | -    | -                       | -                       | -                       | -            |                      |
| 82                       | 1200                    | 15                      |                | 81,3 | 53876                   | 83                      | 134                     | 1350         |                      | 83,5 | 79560                   | 120                     | 151                     | 1550         |                      |
| 98                       | 1200                    | 12                      |                | 98,7 | 52836                   | 67                      | 134                     | 1350         |                      | 97,3 | 72420                   | 93                      | 151                     | 1550         |                      |
| 102                      | 1200                    | 12                      |                | 102  | 57865                   | 72                      | 134                     | 1350         |                      | 104  | 74868                   | 90                      | 151                     | 1550         |                      |
| 122                      | 1200                    | 10                      |                | 123  | 54448                   | 55                      | 134                     | 1350         |                      | 122  | 72420                   | 75                      | 151                     | 1550         |                      |



**Prestazioni a 1000 rpm**  
Performance tables according to Input Speed 1000 rpm

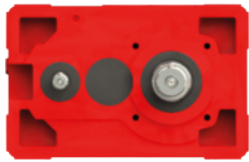
| n <sub>1</sub> =1000 d/d |                         |                         |                | 125  |                         |                         |                         |              |                      | 140  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 2,5                      | 1000                    | 400                     | 1              | 2,47 | 3380                    | 143                     | 45                      | 81           | 38-39                | -    | -                       | -                       | -                       | -            | 40-41                |
| 3                        | 1000                    | 333                     |                | 3,21 | 3619                    | 118                     | 45                      | 81           |                      | 3,08 | 4056                    | 138                     | 59                      | 93           |                      |
| 4                        | 1000                    | 250                     |                | 4,15 | 2824                    | 71                      | 45                      | 81           |                      | 4,08 | 3848                    | 99                      | 59                      | 93           |                      |
| 5                        | 1000                    | 200                     |                | 4,75 | 2964                    | 65                      | 45                      | 81           |                      | 5,00 | 3588                    | 75                      | 59                      | 93           |                      |
| 6                        | 1000                    | 167                     | 2              | 6,42 | 3609                    | 59                      | 30                      | 92           | 58-59                | -    | -                       | -                       | -                       | -            | 60-61                |
| 7                        | 1000                    | 143                     |                | 7,79 | 3692                    | 50                      | 30                      | 92           |                      | -    | -                       | -                       | -                       | -            |                      |
| 8                        | 1000                    | 125                     |                | 8,36 | 3744                    | 47                      | 30                      | 92           |                      | 8,00 | 4316                    | 56                      | 33                      | 113          |                      |
| 10                       | 1000                    | 100                     |                | 10,1 | 3723                    | 38                      | 30                      | 92           |                      | 9,70 | 4384                    | 47                      | 33                      | 113          |                      |
| 11                       | 1000                    | 91                      |                | 10,8 | 2938                    | 28                      | 30                      | 92           |                      | 10,6 | 4181                    | 41                      | 33                      | 113          |                      |
| 12                       | 1000                    | 83                      |                | 12,6 | 3702                    | 31                      | 30                      | 92           |                      | 12,0 | 4472                    | 39                      | 33                      | 113          |                      |
| 15                       | 1000                    | 67                      |                | 15,8 | 3682                    | 24                      | 30                      | 92           |                      | 15,2 | 4212                    | 29                      | 33                      | 113          |                      |
| 16                       | 1000                    | 63                      |                | 16,2 | 2912                    | 19                      | 30                      | 92           |                      | 15,9 | 4368                    | 29                      | 33                      | 113          |                      |
| 18                       | 1000                    | 56                      |                | 18,6 | 2891                    | 16                      | 30                      | 92           |                      | -    | -                       | -                       | -                       | -            |                      |
| 20                       | 1000                    | 50                      |                | 20,5 | 2891                    | 15                      | 30                      | 92           |                      | 20,1 | 4368                    | 23                      | 33                      | 113          |                      |
| 24                       | 1000                    | 42                      |                | 23,4 | 2886                    | 13                      | 30                      | 92           |                      | 24,6 | 3702                    | 16                      | 33                      | 113          |                      |
| 25                       | 1000                    | 40                      | 3              | -    | -                       | -                       | -                       | -            |                      | 25,5 | 3359                    | 14                      | 25                      | 115          | 78-79                |
| 31                       | 1000                    | 32                      |                | -    | -                       | -                       | -                       | -            |                      | 30,9 | 3588                    | 12                      | 25                      | 115          |                      |
| 34                       | 1000                    | 29                      |                | -    | -                       | -                       | -                       | -            |                      | 33,8 | 4191                    | 13                      | 25                      | 115          |                      |
| 38                       | 1000                    | 26                      |                | -    | -                       | -                       | -                       | -            |                      | 38,3 | 4056                    | 11                      | 25                      | 115          |                      |
| 40                       | 1000                    | 25                      |                | -    | -                       | -                       | -                       | -            |                      | 40,3 | 3640                    | 9                       | 25                      | 115          |                      |
| 41                       | 1000                    | 24                      |                | -    | -                       | -                       | -                       | -            |                      | 41,0 | 4430                    | 11                      | 25                      | 115          |                      |
| 44                       | 1000                    | 23                      |                | -    | -                       | -                       | -                       | -            |                      | 44,0 | 4264                    | 10                      | 25                      | 115          |                      |
| 48                       | 1000                    | 21                      |                | -    | -                       | -                       | -                       | -            |                      | 48,3 | 3640                    | 8                       | 25                      | 115          |                      |
| 50                       | 1000                    | 20                      |                | -    | -                       | -                       | -                       | -            |                      | 50,0 | 3900                    | 8                       | 25                      | 115          |                      |
| 51                       | 1000                    | 20                      |                | -    | -                       | -                       | -                       | -            |                      | 50,8 | 4420                    | 9                       | 25                      | 115          |                      |
| 53                       | 1000                    | 19                      |                | -    | -                       | -                       | -                       | -            |                      | 53,4 | 4420                    | 9                       | 25                      | 115          |                      |
| 64                       | 1000                    | 16                      |                | -    | -                       | -                       | -                       | -            |                      | 64,0 | 4420                    | 7                       | 25                      | 115          |                      |
| 66                       | 1000                    | 15                      |                | -    | -                       | -                       | -                       | -            |                      | 66,2 | 4420                    | 7                       | 25                      | 115          |                      |
| 70                       | 1000                    | 14                      |                | -    | -                       | -                       | -                       | -            |                      | 69,7 | 4285                    | 6                       | 25                      | 115          |                      |
| 78                       | 1000                    | 13                      |                | -    | -                       | -                       | -                       | -            |                      | 78,5 | 4493                    | 6                       | 25                      | 115          |                      |
| 86                       | 1000                    | 12                      |                | -    | -                       | -                       | -                       | -            |                      | 86,3 | 4555                    | 6                       | 25                      | 115          |                      |
| 98                       | 1000                    | 10                      |                | -    | -                       | -                       | -                       | -            |                      | 98,8 | 4368                    | 5                       | 25                      | 115          |                      |
| 108                      | 1000                    | 9                       |                | -    | -                       | -                       | -                       | -            |                      | 109  | 4368                    | 4                       | 25                      | 115          |                      |
| 133                      | 1000                    | 8                       |                | -    | -                       | -                       | -                       | -            |                      | 133  | 3848                    | 3                       | 25                      | 115          |                      |



**Prestazioni a 1000 rpm**

Performance tables according to Input Speed 1000 rpm

| n <sub>1</sub> =1000 d/d |                         |                         |                | 160  |                         |                         |                         |              |                      | 180  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 2,5                      | 1000                    | 400                     | 1              | 2,57 | 6448                    | 263                     | 67                      | 156          | 42-43                | -    | -                       | -                       | -                       | -            | 44-45                |
| 3                        | 1000                    | 333                     |                | 3,17 | 6936,8                  | 229                     | 67                      | 156          |                      | 3,07 | 8060                    | 275                     | 94                      | 180          |                      |
| 4                        | 1000                    | 250                     |                | 4,08 | 6396                    | 164                     | 67                      | 156          |                      | 4,09 | 7633,6                  | 195                     | 94                      | 180          |                      |
| 5                        | 1000                    | 200                     |                | 5,00 | 5824                    | 122                     | 67                      | 156          |                      | 4,92 | 6999,2                  | 149                     | 94                      | 180          |                      |
| 6                        | 1000                    | 167                     | 2              | 6,35 | 7332                    | 121                     | 45                      | 200          | 62-63                | -    | -                       | -                       | -                       | -            | 64-65                |
| 7                        | 1000                    | 143                     |                | 7,82 | 7800                    | 104                     | 45                      | 200          |                      | -    | -                       | -                       | -                       | -            |                      |
| 8                        | 1000                    | 125                     |                | 8,27 | 7508,8                  | 95                      | 45                      | 200          |                      | -    | -                       | -                       | -                       | -            |                      |
| 10                       | 1000                    | 100                     |                | 10,2 | 7956                    | 82                      | 45                      | 200          |                      | 9,87 | 8975,2                  | 95                      | 50                      | 220          |                      |
| 12                       | 1000                    | 83                      |                | 12,4 | 6240                    | 53                      | 45                      | 200          |                      | -    | -                       | -                       | -                       | -            |                      |
| 13                       | 1000                    | 77                      |                | 13,2 | 8091,2                  | 64                      | 45                      | 200          |                      | 13,2 | 9464                    | 75                      | 50                      | 220          |                      |
| 15                       | 1000                    | 67                      |                | 15,0 | 5824                    | 41                      | 45                      | 200          |                      | 15,8 | 9360                    | 62                      | 50                      | 220          |                      |
| 17                       | 1000                    | 59                      |                | 17,0 | 6656                    | 41                      | 45                      | 200          |                      | 17,0 | 9048                    | 56                      | 50                      | 220          |                      |
| 19                       | 1000                    | 53                      |                | 19,4 | 6708                    | 36                      | 45                      | 200          |                      | 19,4 | 9100                    | 49                      | 50                      | 220          |                      |
| 20                       | 1000                    | 50                      |                | 20,8 | 6136                    | 31                      | 45                      | 200          |                      | 20,5 | 9308                    | 48                      | 50                      | 220          |                      |
| 23                       | 1000                    | 43                      |                | 23,8 | 6047,6                  | 27                      | 45                      | 200          |                      | 23,4 | 8424                    | 38                      | 50                      | 220          |                      |
| 20                       | 1000                    | 51                      | 3              | 19,5 | 6016,4                  | 32                      | 33                      | 207          | 80-81                | -    | -                       | -                       | -                       | -            | 82-83                |
| 23                       | 1000                    | 43                      |                | 22,9 | 6032                    | 28                      | 33                      | 207          |                      | 23,3 | 7176                    | 32                      | 38                      | 225          |                      |
| 24                       | 1000                    | 42                      |                | 24,0 | 7404,8                  | 32                      | 33                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 25                       | 1000                    | 40                      |                | 25,4 | 6406,4                  | 26                      | 33                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 28                       | 1000                    | 36                      |                | 28,2 | 7436                    | 28                      | 33                      | 207          |                      | 27,3 | 7176                    | 28                      | 38                      | 225          |                      |
| 30                       | 1000                    | 33                      |                | 29,8 | 6552                    | 23                      | 33                      | 207          |                      | 30,3 | 7654,4                  | 26                      | 38                      | 225          |                      |
| 31                       | 1000                    | 32                      |                | 31,3 | 7904                    | 26                      | 33                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 33                       | 1000                    | 30                      |                | 32,8 | 6708                    | 21                      | 33                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 36                       | 1000                    | 28                      |                | 36,6 | 8034                    | 23                      | 33                      | 207          |                      | 35,5 | 7800                    | 23                      | 38                      | 225          |                      |
| 37                       | 1000                    | 27                      |                | 37,9 | 6084                    | 17                      | 33                      | 207          |                      | 37,4 | 8788                    | 25                      | 38                      | 225          |                      |
| 40                       | 1000                    | 25                      |                | 40,3 | 6624,8                  | 17                      | 33                      | 207          |                      | 40,4 | 9724                    | 25                      | 38                      | 225          |                      |
| 41                       | 1000                    | 24                      |                | 40,4 | 7592                    | 20                      | 33                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 44                       | 1000                    | 23                      |                | 44,5 | 6063,2                  | 14                      | 33                      | 207          |                      | 43,8 | 9100                    | 22                      | 38                      | 225          |                      |
| 46                       | 1000                    | 22                      |                | 46,2 | 7186,4                  | 16                      | 33                      | 207          |                      | 45,9 | 8164                    | 19                      | 38                      | 225          |                      |
| 47                       | 1000                    | 21                      |                | 47,4 | 7644                    | 17                      | 33                      | 207          |                      | 47,3 | 9682,4                  | 21                      | 38                      | 225          |                      |
| 50                       | 1000                    | 20                      |                | 49,4 | 6032                    | 13                      | 33                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 52                       | 1000                    | 19                      |                | 52,1 | 6364,8                  | 13                      | 33                      | 207          |                      | 52,2 | 9672                    | 19                      | 38                      | 225          |                      |
| 54                       | 1000                    | 19                      |                | 54,2 | 7155,2                  | 14                      | 33                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 57                       | 1000                    | 18                      |                | 57,9 | 6063,2                  | 11                      | 33                      | 207          |                      | 57,0 | 9100                    | 17                      | 38                      | 225          |                      |
| 60                       | 1000                    | 17                      |                | 59,6 | 6552                    | 12                      | 33                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 61                       | 1000                    | 16                      |                | 61,1 | 6572,8                  | 11                      | 33                      | 207          |                      | 61,2 | 9640,8                  | 17                      | 38                      | 225          |                      |
| 64                       | 1000                    | 16                      |                | 63,8 | 6032                    | 10                      | 33                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 70                       | 1000                    | 14                      |                | 69,8 | 6593,6                  | 10                      | 33                      | 207          |                      | 70,0 | 9245,6                  | 14                      | 38                      | 225          |                      |
| 73                       | 1000                    | 14                      |                | 73,0 | 6032                    | 9                       | 33                      | 207          |                      | 73,6 | 9048                    | 13                      | 38                      | 225          |                      |
| 75                       | 1000                    | 13                      |                | 74,8 | 6063,2                  | 8                       | 33                      | 207          |                      | -    | -                       | -                       | -                       | -            |                      |
| 77                       | 1000                    | 13                      |                | 77,9 | 6032                    | 8                       | 33                      | 207          |                      | 76,7 | 9048                    | 12                      | 38                      | 225          |                      |
| 82                       | 1000                    | 12                      |                | 82,2 | 6604                    | 8                       | 33                      | 207          |                      | 82,4 | 9880                    | 13                      | 38                      | 225          |                      |
| 88                       | 1000                    | 11                      |                | 89,0 | 6084                    | 7                       | 33                      | 207          |                      | 87,6 | 9100                    | 11                      | 38                      | 225          |                      |
| 94                       | 1000                    | 11                      |                | 94,0 | 6864                    | 8                       | 33                      | 207          |                      | 94,2 | 9193,6                  | 10                      | 38                      | 225          |                      |
| 100                      | 1000                    | 10                      |                | 101  | 6156,8                  | 6                       | 33                      | 207          |                      | 99,1 | 9308                    | 10                      | 38                      | 225          |                      |
| 107                      | 1000                    | 9                       |                | 107  | 7020                    | 7                       | 33                      | 207          |                      | 108  | 9204                    | 9                       | 38                      | 225          |                      |
| 114                      | 1000                    | 9                       |                | 115  | 6198,4                  | 6                       | 33                      | 207          |                      | 113  | 9464                    | 9                       | 38                      | 225          |                      |
| 130                      | 1000                    | 8                       |                | 132  | 6416,8                  | 5                       | 33                      | 207          |                      | 130  | 9640,8                  | 8                       | 38                      | 225          |                      |



**Prestazioni a 1000 rpm**  
Performance tables according to Input Speed 1000 rpm

| n <sub>1</sub> =1000 d/d |                         |                         |                | 200  |                         |                         |                         |              |                      | 225  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 2,5                      | 1000                    | 400                     | 1              | 2,50 | 12272                   | 514                     | 105                     | 280          | 46-47                | -    | -                       | -                       | -                       | -            | 48-49                |
| 3                        | 1000                    | 333                     |                | 3,20 | 12064                   | 395                     | 105                     | 280          |                      | 3,06 | 17264                   | 591                     | 151                     | 312          |                      |
| 4                        | 1000                    | 250                     |                | 4,13 | 11440                   | 290                     | 105                     | 280          |                      | 4,14 | 15392                   | 389                     | 151                     | 312          |                      |
| 5                        | 1000                    | 200                     |                | 4,92 | 11180                   | 238                     | 105                     | 280          |                      | 5,00 | 16328                   | 342                     | 151                     | 312          |                      |
| 6                        | 1000                    | 167                     | 2              | 6,43 | 11856                   | 193                     | 71                      | 350          | 66-67                | -    | -                       | -                       | -                       | -            | 68-69                |
| 7                        | 1000                    | 143                     |                | 7,92 | 12064                   | 160                     | 71                      | 350          |                      | -    | -                       | -                       | -                       | -            |                      |
| 8                        | 1000                    | 125                     |                | 8,23 | 12532                   | 159                     | 71                      | 350          |                      | 7,86 | 16952                   | 226                     | 80                      | 377          |                      |
| 10                       | 1000                    | 100                     |                | 10,1 | 12740                   | 132                     | 71                      | 350          |                      | 9,68 | 17316                   | 187                     | 80                      | 377          |                      |
| 11                       | 1000                    | 91                      |                | 10,6 | 12792                   | 126                     | 71                      | 350          |                      | 10,7 | 17160                   | 169                     | 80                      | 377          |                      |
| 12                       | 1000                    | 83                      |                | 12,7 | 11804                   | 98                      | 71                      | 350          |                      | 12,5 | 17160                   | 144                     | 80                      | 377          |                      |
| 13                       | 1000                    | 77                      |                | 13,1 | 13000                   | 104                     | 71                      | 350          |                      | -    | -                       | -                       | -                       | -            |                      |
| 15                       | 1000                    | 67                      |                | 15,2 | 13104                   | 90                      | 71                      | 350          |                      | 14,5 | 15496                   | 112                     | 80                      | 377          |                      |
| 17                       | 1000                    | 59                      |                | 16,9 | 12740                   | 79                      | 71                      | 350          |                      | 16,9 | 16900                   | 105                     | 80                      | 377          |                      |
| 19                       | 1000                    | 53                      |                | 19,6 | 12740                   | 68                      | 71                      | 350          |                      | 19,7 | 16900                   | 90                      | 80                      | 377          |                      |
| 20                       | 1000                    | 50                      |                | 20,1 | 11700                   | 61                      | 71                      | 350          |                      | -    | -                       | -                       | -                       | -            |                      |
| 23                       | 1000                    | 43                      |                | 23,4 | 11648                   | 52                      | 71                      | 350          |                      | 23,8 | 16068                   | 71                      | 80                      | 377          |                      |
| 20                       | 1000                    | 51                      | 3              | 20,4 | 12396,8                 | 64                      | 53                      | 365          | 84-85                | -    | -                       | -                       | -                       | -            | 86-87                |
| 25                       | 1000                    | 40                      |                | 26,1 | 11648                   | 47                      | 53                      | 365          |                      | 25,0 | 15132                   | 63                      | 60                      | 392          |                      |
| 30                       | 1000                    | 33                      |                | -    | -                       | -                       | -                       | -            |                      | 30,7 | 16328                   | 56                      | 60                      | 392          |                      |
| 32                       | 1000                    | 31                      |                | 32,2 | 14040                   | 46                      | 53                      | 365          |                      | 32,5 | 15028                   | 48                      | 60                      | 392          |                      |
| 34                       | 1000                    | 29                      |                | 34,0 | 14196                   | 44                      | 53                      | 365          |                      | 33,8 | 18220,8                 | 56                      | 60                      | 392          |                      |
| 38                       | 1000                    | 26                      |                | 37,7 | 10400                   | 29                      | 53                      | 365          |                      | 40,0 | 16692                   | 44                      | 60                      | 392          |                      |
| 42                       | 1000                    | 24                      |                | 41,9 | 14872                   | 37                      | 53                      | 365          |                      | 41,7 | 18148                   | 46                      | 60                      | 392          |                      |
| 44                       | 1000                    | 23                      |                | -    | -                       | -                       | -                       | -            |                      | 44,0 | 18200                   | 43                      | 60                      | 392          |                      |
| 48                       | 1000                    | 21                      |                | 48,3 | 13312                   | 29                      | 53                      | 365          |                      | -    | -                       | -                       | -                       | -            |                      |
| 51                       | 1000                    | 20                      |                | -    | -                       | -                       | -                       | -            |                      | 51,6 | 15095,6                 | 31                      | 60                      | 392          |                      |
| 53                       | 1000                    | 19                      |                | -    | -                       | -                       | -                       | -            |                      | 53,7 | 18096                   | 35                      | 60                      | 392          |                      |
| 54                       | 1000                    | 19                      |                | 54,0 | 15600                   | 30                      | 53                      | 365          |                      | 54,2 | 18096                   | 35                      | 60                      | 392          |                      |
| 62                       | 1000                    | 16                      |                | 62,8 | 13208                   | 22                      | 53                      | 365          |                      | 62,5 | 17264                   | 29                      | 60                      | 392          |                      |
| 70                       | 1000                    | 14                      |                | 69,8 | 13104                   | 20                      | 53                      | 365          |                      | 69,9 | 17992                   | 27                      | 60                      | 392          |                      |
| 77                       | 1000                    | 13                      |                | 77,1 | 13208                   | 18                      | 53                      | 365          |                      | -    | -                       | -                       | -                       | -            |                      |
| 81                       | 1000                    | 12                      |                | 81,1 | 13156                   | 17                      | 53                      | 365          |                      | 81,3 | 17160                   | 22                      | 60                      | 392          |                      |
| 85                       | 1000                    | 12                      |                | 85,6 | 13208                   | 16                      | 53                      | 365          |                      | 85,8 | 18564                   | 23                      | 60                      | 392          |                      |
| 90                       | 1000                    | 11                      |                | 90,0 | 13208                   | 15                      | 53                      | 365          |                      | 90,2 | 18720                   | 22                      | 60                      | 392          |                      |
| 100                      | 1000                    | 10                      |                | 99,6 | 13260                   | 14                      | 53                      | 365          |                      | 99,8 | 17056                   | 18                      | 60                      | 392          |                      |
| 105                      | 1000                    | 10                      |                | 105  | 13208                   | 13                      | 53                      | 365          |                      | 105  | 17056                   | 17                      | 60                      | 392          |                      |
| 118                      | 1000                    | 8                       |                | 119  | 12012                   | 11                      | 53                      | 365          |                      | -    | -                       | -                       | -                       | -            |                      |
| 125                      | 1000                    | 8                       |                | 125  | 12116                   | 10                      | 53                      | 365          |                      | 127  | 16640                   | 14                      | 60                      | 392          |                      |





**Prestazioni a 1000 rpm**

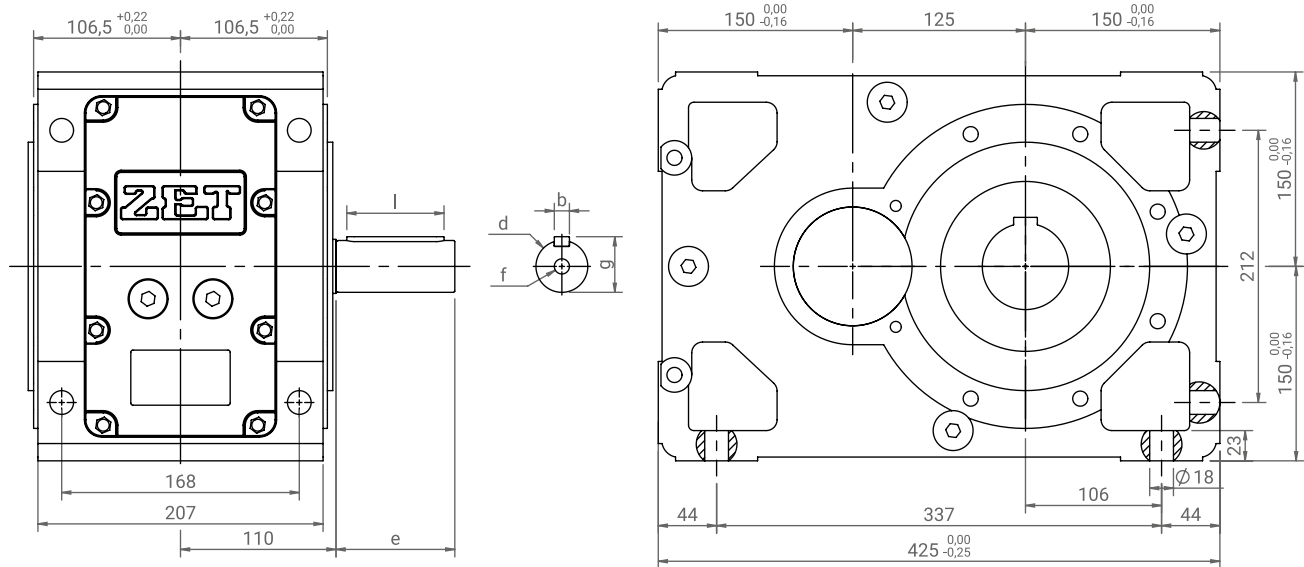
Performance tables according to Input Speed 1000 rpm

| n <sub>1</sub> =1000 d/d |                         |                         |                | 250  |                         |                         |                         |              |                      | 280  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 2,5                      | 1000                    | 400                     | 1              | 2,52 | 21996                   | 914                     | 169                     | 570          | 50-51                | 2,53 | 28808                   | 1192                    | 236                     | 630          | 52-53                |
| 3                        | 1000                    | 333                     |                | 3,11 | 23972                   | 807                     | 169                     | 570          |                      | 3,19 | 30680                   | 1007                    | 236                     | 630          |                      |
| 4                        | 1000                    | 250                     |                | 4,06 | 26520                   | 684                     | 169                     | 570          |                      | 4,07 | 30160                   | 776                     | 236                     | 630          |                      |
| 5                        | 1000                    | 200                     |                | 5,08 | 24804                   | 511                     | 169                     | 570          |                      | 5,07 | 35360                   | 730                     | 236                     | 630          |                      |
| 6                        | 1000                    | 167                     | 2              | 6,31 | 24856                   | 412                     | 111                     | 675          | 70-71                | 6,32 | 32032                   | 531                     | 125                     | 750          | 72-73                |
| 7                        | 1000                    | 143                     |                | 7,78 | 27352                   | 368                     | 111                     | 675          |                      | -    | -                       | -                       | -                       | -            |                      |
| 8                        | 1000                    | 125                     |                | 8,08 | 26208                   | 340                     | 111                     | 675          |                      | 8,08 | 33436                   | 433                     | 125                     | 750          |                      |
| 10                       | 1000                    | 100                     |                | 9,96 | 28808                   | 303                     | 111                     | 675          |                      | 10,2 | 36400                   | 374                     | 125                     | 750          |                      |
| 11                       | 1000                    | 91                      |                | 10,4 | 26104                   | 262                     | 111                     | 675          |                      | -    | -                       | -                       | -                       | -            |                      |
| 13                       | 1000                    | 80                      |                | 12,9 | 28704                   | 234                     | 111                     | 675          |                      | 13,0 | 35776                   | 288                     | 125                     | 750          |                      |
| 15                       | 1000                    | 67                      |                | 15,3 | 28600                   | 195                     | 111                     | 675          |                      | -    | -                       | -                       | -                       | -            |                      |
| 17                       | 1000                    | 59                      |                | 16,8 | 28600                   | 178                     | 111                     | 675          |                      | 16,8 | 35672                   | 222                     | 125                     | 750          |                      |
| 20                       | 1000                    | 50                      |                | 20,0 | 28236                   | 148                     | 111                     | 675          |                      | 20,0 | 36816                   | 193                     | 125                     | 750          |                      |
| 21                       | 1000                    | 48                      |                | 21,0 | 25220                   | 126                     | 111                     | 675          |                      | 20,9 | 36504                   | 183                     | 125                     | 750          |                      |
| 25                       | 1000                    | 40                      | 3              | 25,0 | 25220                   | 106                     | 111                     | 675          | 88-89                | 24,9 | 36400                   | 153                     | 125                     | 750          | 90-91                |
| 25                       | 1000                    | 40                      |                | 24,9 | 28288                   | 119                     | 85                      | 700          |                      | 24,9 | 33488                   | 141                     | 94                      | 770          |                      |
| 31                       | 1000                    | 32                      |                | 30,6 | 30160                   | 103                     | 85                      | 700          |                      | 31,4 | 38168                   | 127                     | 94                      | 770          |                      |
| 33                       | 1000                    | 30                      |                | 32,9 | 28600                   | 91                      | 85                      | 700          |                      | -    | -                       | -                       | -                       | -            |                      |
| 40                       | 1000                    | 25                      |                | 39,6 | 30108                   | 80                      | 85                      | 700          |                      | 40,0 | 38220                   | 100                     | 94                      | 770          |                      |
| 41                       | 1000                    | 24                      |                | 40,6 | 30056                   | 78                      | 85                      | 700          |                      | 41,6 | 39000                   | 98                      | 94                      | 770          |                      |
| 42                       | 1000                    | 24                      |                | 42,5 | 29224                   | 72                      | 85                      | 700          |                      | -    | -                       | -                       | -                       | -            |                      |
| 48                       | 1000                    | 21                      |                | 47,1 | 29120                   | 65                      | 85                      | 700          |                      | 49,9 | 35880                   | 75                      | 94                      | 770          |                      |
| 50                       | 1000                    | 20                      |                | 50,0 | 24960                   | 52                      | 85                      | 700          |                      | 51,7 | 39260                   | 79                      | 94                      | 770          |                      |
| 53                       | 1000                    | 19                      |                | 52,4 | 30019,6                 | 60                      | 85                      | 700          |                      | 53,7 | 37076                   | 72                      | 94                      | 770          |                      |
| 61                       | 1000                    | 16                      |                | 61,5 | 27716                   | 47                      | 85                      | 700          |                      | 61,6 | 38168                   | 65                      | 94                      | 770          |                      |
| 62                       | 1000                    | 16                      |                | 62,4 | 29016                   | 49                      | 85                      | 700          |                      | -    | -                       | -                       | -                       | -            |                      |
| 65                       | 1000                    | 15                      |                | 64,6 | 24835,2                 | 40                      | 85                      | 700          |                      | 64,5 | 35620                   | 58                      | 94                      | 770          |                      |
| 66                       | 1000                    | 15                      |                | 66,2 | 24960                   | 39                      | 85                      | 700          |                      | 66,1 | 35620                   | 56                      | 94                      | 770          |                      |
| 68                       | 1000                    | 15                      |                | 68,5 | 27664                   | 42                      | 85                      | 700          |                      | 68,5 | 40456                   | 62                      | 94                      | 770          |                      |
| 77                       | 1000                    | 13                      |                | 76,9 | 24835,2                 | 34                      | 85                      | 700          |                      | 76,8 | 35620                   | 49                      | 94                      | 770          |                      |
| 81                       | 1000                    | 12                      |                | 81,5 | 28340                   | 36                      | 85                      | 700          |                      | 81,1 | 35464                   | 46                      | 94                      | 770          |                      |
| 84                       | 1000                    | 12                      |                | 84,0 | 28516,8                 | 36                      | 85                      | 700          |                      | 84,0 | 41600                   | 52                      | 94                      | 770          |                      |
| 100                      | 1000                    | 10                      |                | 100  | 29172                   | 31                      | 85                      | 700          |                      | 100  | 37856                   | 40                      | 94                      | 770          |                      |
| 105                      | 1000                    | 10                      |                | 105  | 25480                   | 25                      | 85                      | 700          |                      | 105  | 36587,2                 | 37                      | 94                      | 770          |                      |
| 125                      | 1000                    | 8                       |                | 125  | 26119,6                 | 22                      | 85                      | 700          |                      | 125  | 37440                   | 31                      | 94                      | 770          |                      |



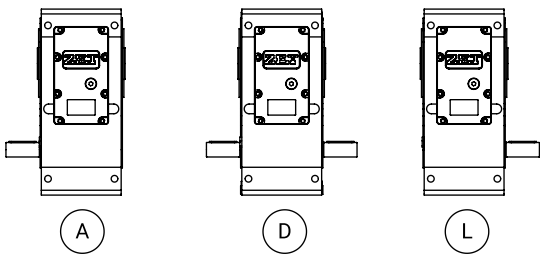
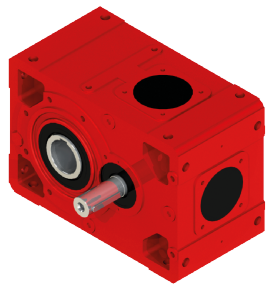
**Prestazioni a 1000 rpm**  
Performance tables according to Input Speed 1000 rpm

| n <sub>1</sub> =1000 d/d |                         |                         |                | 320  |                         |                         |                         |              |                      | 360  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 2,5                      | 1000                    | 400                     | 1              | 2,55 | 41756                   | 1715                    | 267                     | 1080         | 54-55                | -    | -                       | -                       | -                       | -            | 56-57                |
| 3                        | 1000                    | 333                     |                | 3,11 | 38137                   | 1284                    | 267                     | 1080         |                      | 3,12 | 78000                   | 2618                    | 378                     | 1250         |                      |
| 4                        | 1000                    | 250                     |                | 4,07 | 37097                   | 954                     | 267                     | 1080         |                      | 4,18 | 77740                   | 1947                    | 378                     | 1250         |                      |
| 5                        | 1000                    | 200                     |                | 4,93 | 44720                   | 950                     | 267                     | 1080         |                      | 4,87 | 68640                   | 1476                    | 378                     | 1250         |                      |
| 6                        | 1000                    | 167                     | 2              | 6,42 | 38844                   | 634                     | 178                     | 1282         | 74-75                | -    | -                       | -                       | -                       | -            | 76-77                |
| 8                        | 1000                    | 125                     |                | 7,92 | 42536                   | 562                     | 178                     | 1282         |                      | -    | -                       | -                       | -                       | -            |                      |
| 9                        | 1000                    | 111                     |                | 9,66 | 46218                   | 501                     | 178                     | 1282         |                      | -    | -                       | -                       | -                       | -            |                      |
| 10                       | 1000                    | 100                     |                | 10,3 | 40456                   | 410                     | 178                     | 1282         |                      | 9,70 | 52000                   | 561                     | 200                     | 1490         |                      |
| 12                       | 1000                    | 83                      |                | 12,6 | 46384                   | 385                     | 178                     | 1282         |                      | 13,0 | 69680                   | 562                     | 200                     | 1490         |                      |
| 15                       | 1000                    | 67                      |                | -    | -                       | -                       | -                       | -            |                      | 15,1 | 73320                   | 507                     | 200                     | 1490         |                      |
| 16                       | 1000                    | 63                      |                | -    | -                       | -                       | -                       | -            |                      | 15,8 | 51480                   | 341                     | 200                     | 1490         |                      |
| 17                       | 1000                    | 59                      |                | 16,5 | 45552                   | 289                     | 178                     | 1282         |                      | 17,0 | 78832                   | 486                     | 200                     | 1490         |                      |
| 20                       | 1000                    | 50                      |                | -    | -                       | -                       | -                       | -            |                      | 19,8 | 73632                   | 390                     | 200                     | 1490         |                      |
| 21                       | 1000                    | 48                      |                | 20,7 | 47320                   | 240                     | 178                     | 1282         |                      | 21,2 | 68848                   | 340                     | 200                     | 1490         |                      |
| 25                       | 1000                    | 40                      |                | 25,1 | 54028                   | 226                     | 178                     | 1282         |                      | 24,7 | 73788                   | 313                     | 200                     | 1490         |                      |
| 20                       | 1000                    | 50                      | 3              | 19,7 | 46644                   | 248                     | 134                     | 1350         | 92-93                | -    | -                       | -                       | -                       | -            | 94-95                |
| 24                       | 1000                    | 42                      |                | 24,1 | 49140                   | 214                     | 134                     | 1350         |                      | 24,2 | 73112                   | 317                     | 151                     | 1550         |                      |
| 26                       | 1000                    | 38                      |                | 26,3 | 47840                   | 191                     | 134                     | 1350         |                      | -    | -                       | -                       | -                       | -            |                      |
| 30                       | 1000                    | 33                      |                | 29,7 | 49348                   | 174                     | 134                     | 1350         |                      | 29,8 | 82680                   | 291                     | 151                     | 1550         |                      |
| 32                       | 1000                    | 31                      |                | 32,1 | 50388                   | 165                     | 134                     | 1350         |                      | 32,4 | 80496                   | 260                     | 151                     | 1550         |                      |
| 38                       | 1000                    | 26                      |                | 38,2 | 53456                   | 146                     | 134                     | 1350         |                      | 37,7 | 73684                   | 204                     | 151                     | 1550         |                      |
| 40                       | 1000                    | 25                      |                | 39,5 | 51449                   | 136                     | 134                     | 1350         |                      | 39,7 | 82576                   | 218                     | 151                     | 1550         |                      |
| 42                       | 1000                    | 24                      |                | 42,0 | 48984                   | 122                     | 134                     | 1350         |                      | 43,1 | 76180                   | 185                     | 151                     | 1550         |                      |
| 47                       | 1000                    | 21                      |                | 47,1 | 53040                   | 118                     | 134                     | 1350         |                      | -    | -                       | -                       | -                       | -            |                      |
| 48                       | 1000                    | 21                      |                | 48,4 | 54496                   | 118                     | 134                     | 1350         |                      | -    | -                       | -                       | -                       | -            |                      |
| 50                       | 1000                    | 20                      |                | 50,7 | 49400                   | 102                     | 134                     | 1350         |                      | 50,3 | 73268                   | 153                     | 151                     | 1550         |                      |
| 51                       | 1000                    | 20                      |                | 51,6 | 53799                   | 109                     | 134                     | 1350         |                      | 51,8 | 73528                   | 149                     | 151                     | 1550         |                      |
| 53                       | 1000                    | 19                      |                | 52,9 | 53144                   | 105                     | 134                     | 1350         |                      | 53,2 | 76232                   | 150                     | 151                     | 1550         |                      |
| 62                       | 1000                    | 16                      |                | 61,6 | 52728                   | 90                      | 134                     | 1350         |                      | 61,9 | 72956                   | 123                     | 151                     | 1550         |                      |
| 64                       | 1000                    | 16                      |                | 63,4 | 53040                   | 88                      | 134                     | 1350         |                      | 64,8 | 65832                   | 106                     | 151                     | 1550         |                      |
| 68                       | 1000                    | 15                      |                | 67,6 | 52624                   | 82                      | 134                     | 1350         |                      | 69,4 | 79560                   | 120                     | 151                     | 1550         |                      |
| 75                       | 1000                    | 13                      |                | 75,6 | 52520                   | 73                      | 134                     | 1350         |                      | 74,5 | 72384                   | 102                     | 151                     | 1550         |                      |
| 77                       | 1000                    | 13                      |                | 77,6 | 56576                   | 76                      | 134                     | 1350         |                      | -    | -                       | -                       | -                       | -            |                      |
| 82                       | 1000                    | 12                      |                | 81,3 | 54933                   | 71                      | 134                     | 1350         |                      | 83,5 | 81120                   | 102                     | 151                     | 1550         |                      |
| 98                       | 1000                    | 10                      |                | 98,7 | 53872                   | 57                      | 134                     | 1350         |                      | 97,3 | 73840                   | 79                      | 151                     | 1550         |                      |
| 102                      | 1000                    | 10                      |                | 102  | 58999                   | 61                      | 134                     | 1350         |                      | 104  | 76336                   | 77                      | 151                     | 1550         |                      |
| 122                      | 1000                    | 8                       |                | 123  | 55515                   | 47                      | 134                     | 1350         |                      | 122  | 73840                   | 64                      | 151                     | 1550         |                      |



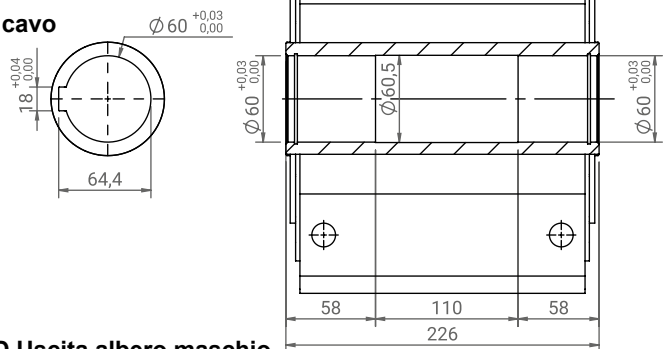
**Conf. albero ingresso**  
*Input Shaft Configurations*

|       | b  | d       | e   | g    | l  | f   |
|-------|----|---------|-----|------|----|-----|
| i>3,5 | 10 | 38 (k6) | 80  | 41   | 70 | M12 |
| i<3,5 | 14 | 48 (k6) | 110 | 51,5 | 90 | M16 |

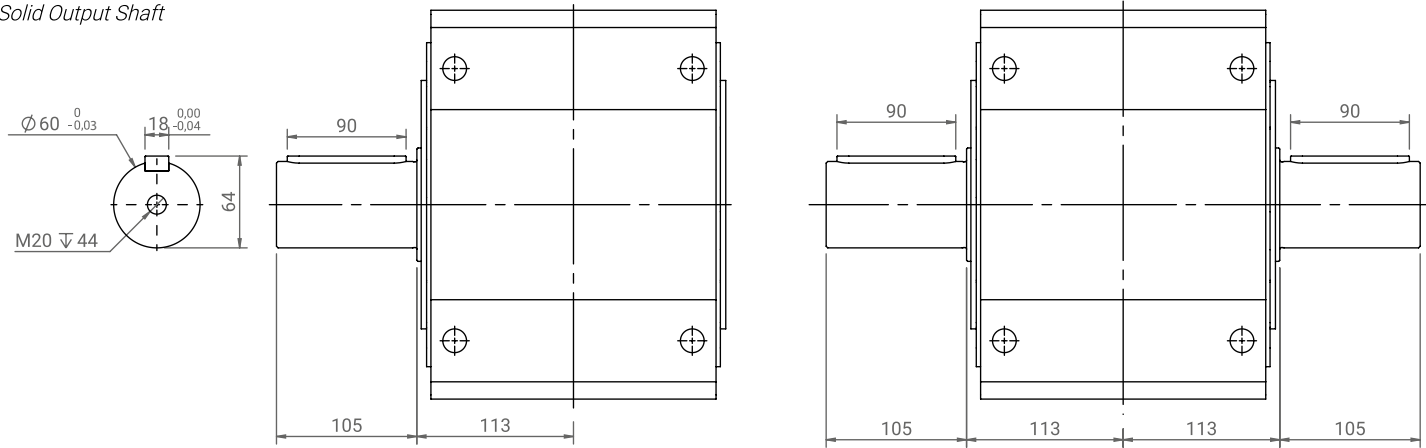


**Conf. Albero uscita**  
*Output Shaft Configurations*

**HS / Albero cavo**  
*Hollow Shaft*



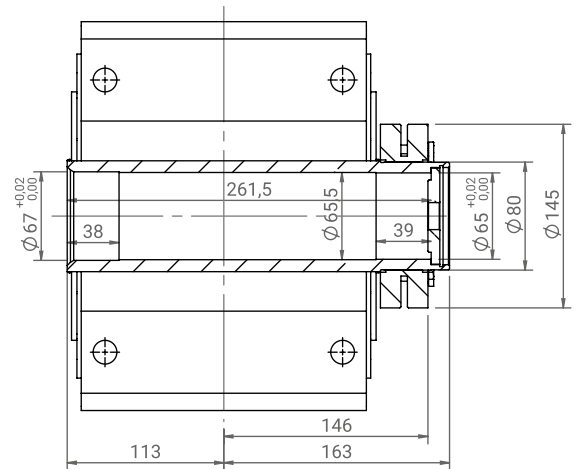
**DR / DL / DD Uscita albero maschio**  
*Solid Output Shaft*



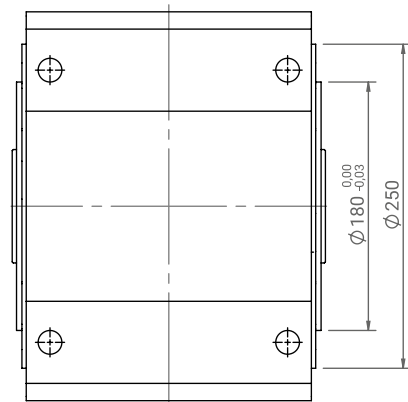
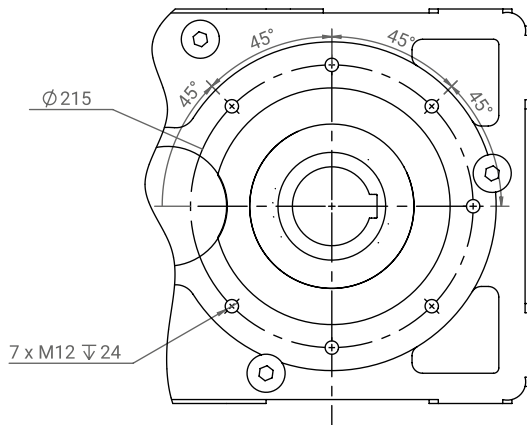


**Conf. Albero uscita**  
Output Shaft Configurations

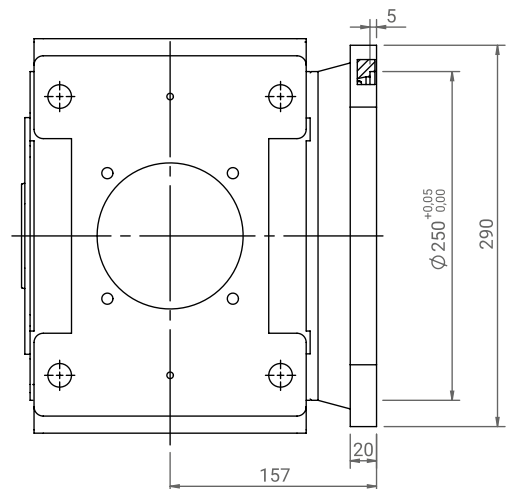
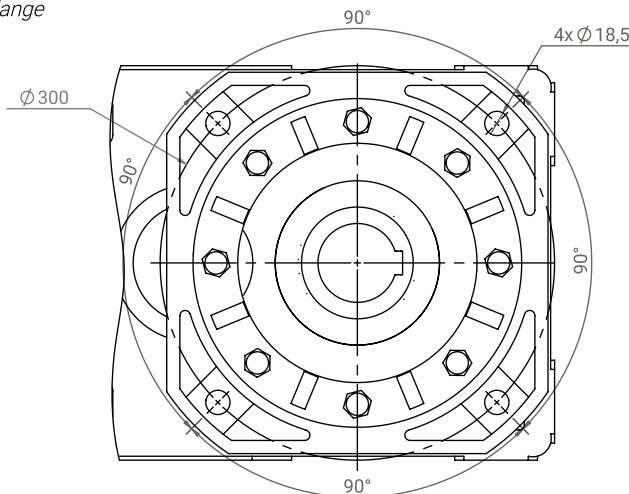
SR /SL



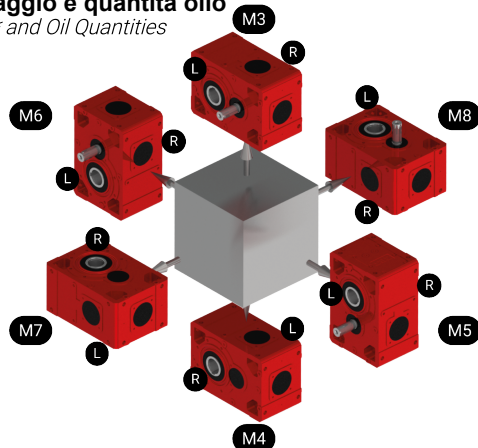
**Dimensioni montaggio vista laterale**  
Side View Mounting Dimensions



**FR 290 / Flangia uscita**  
Output Flange

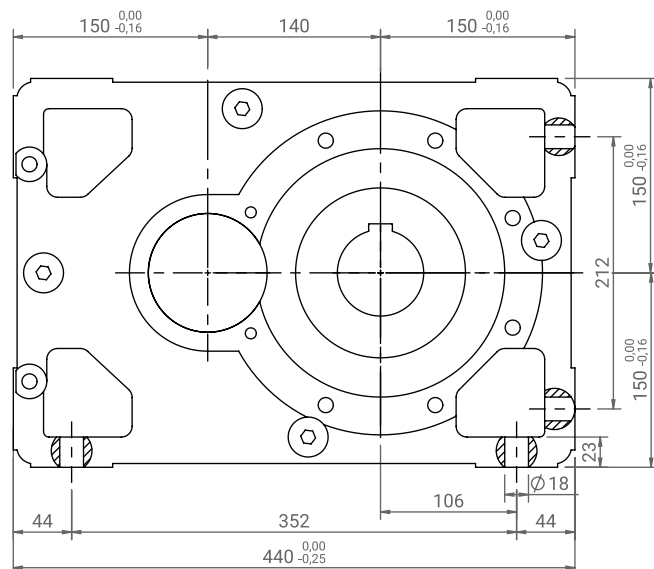
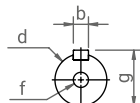
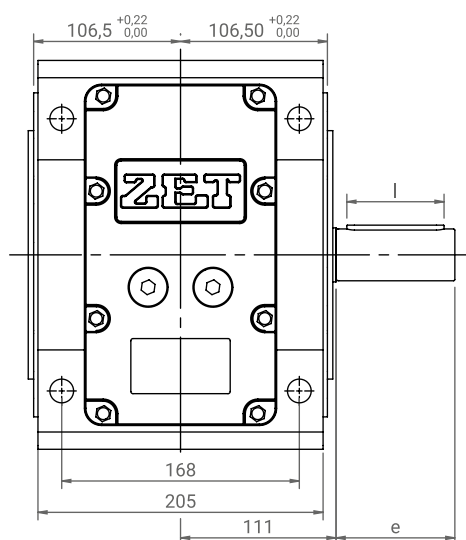


**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities

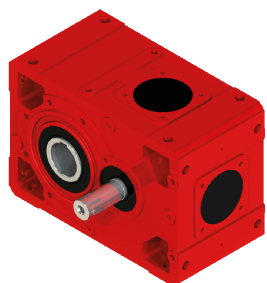


| HE 1125 Quantità olio OIL QUANTITIES (L) |    |      |      |      |      |
|------------------------------------------|----|------|------|------|------|
| M3                                       | M4 | M5   | M6   | M7   | M8   |
| 7                                        | 7  | 10,5 | 10,5 | 10,5 | 10,5 |

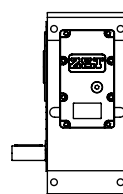
\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



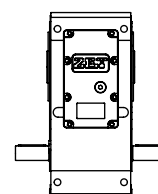
**Conf. albero ingresso**  
Input Shaft Configurations



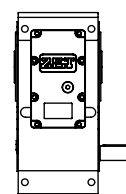
|       | b  | d       | e   | g     | l  | f   |
|-------|----|---------|-----|-------|----|-----|
| i>3,5 | 10 | 38 (k6) | 80  | 41    | 70 | M12 |
| i<3,5 | 14 | 48 (k6) | 110 | 51,50 | 90 | M16 |



A



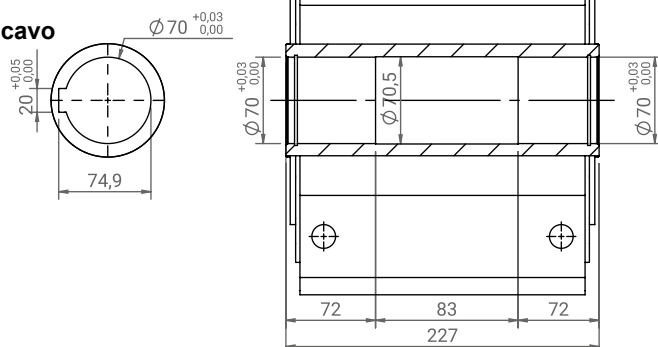
D



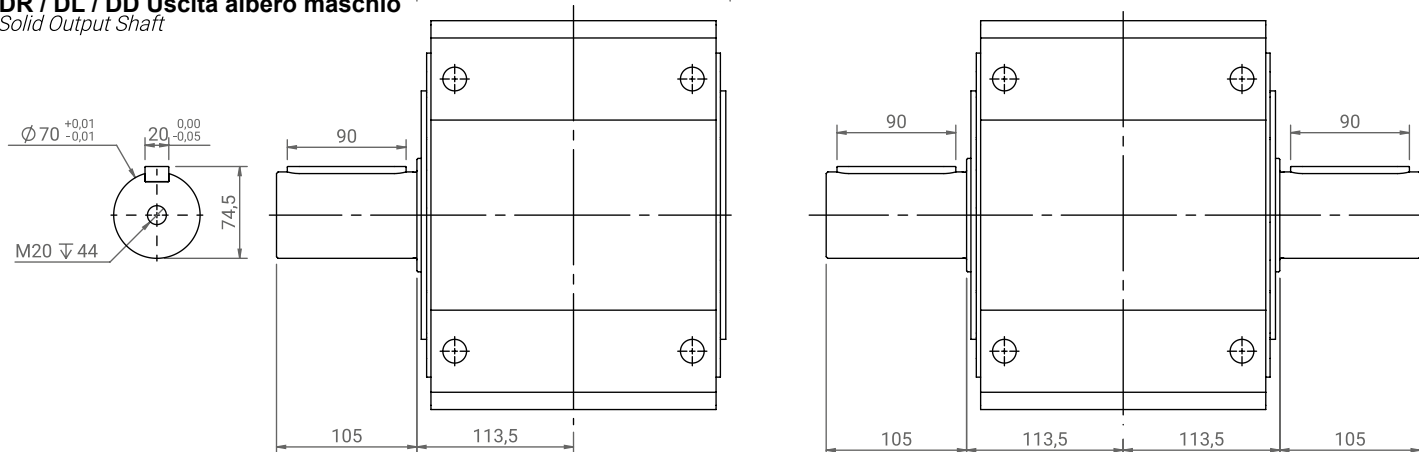
L

**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



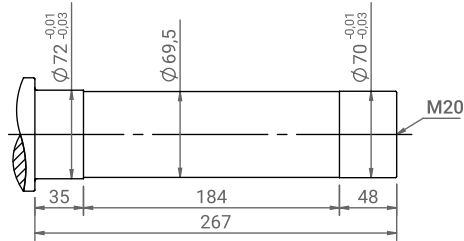
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft





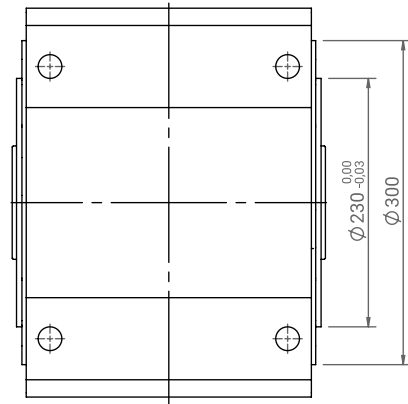
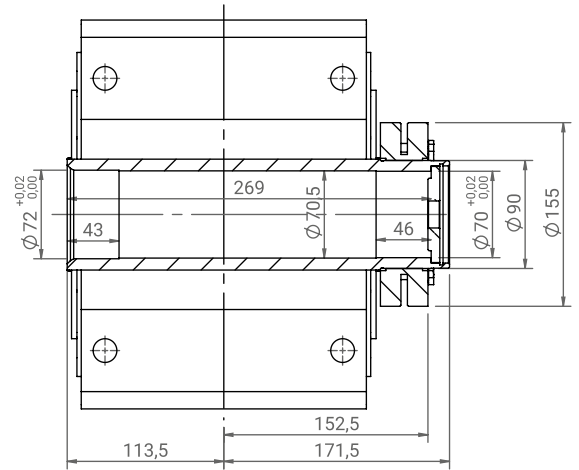
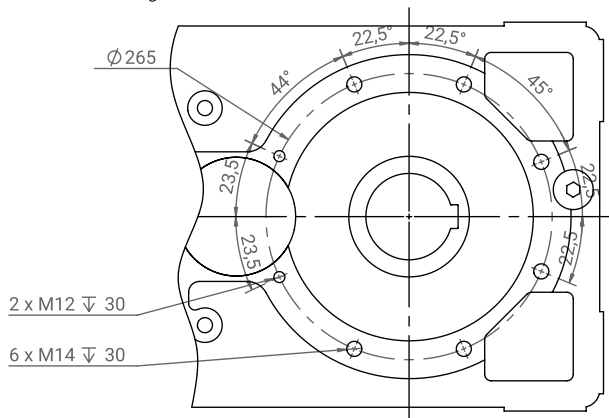
**Conf. Albero uscita**  
Output Shaft Configurations

SR /SL

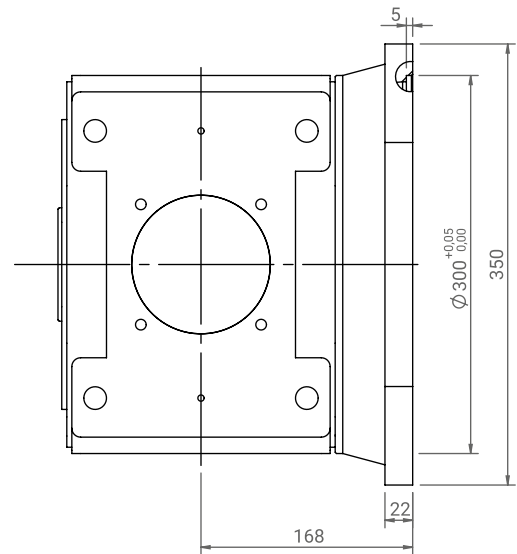
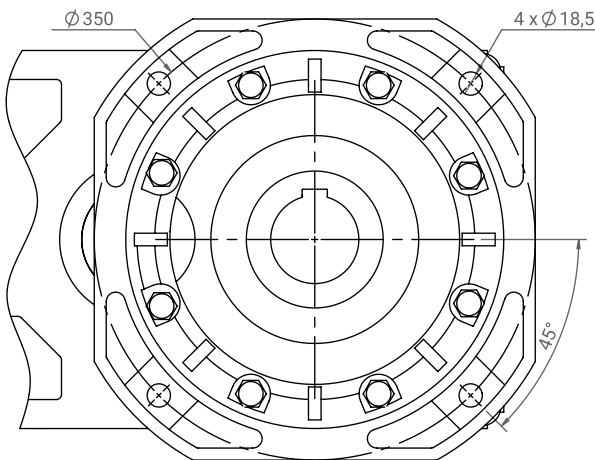


**Albero esterno** Customer Shaft

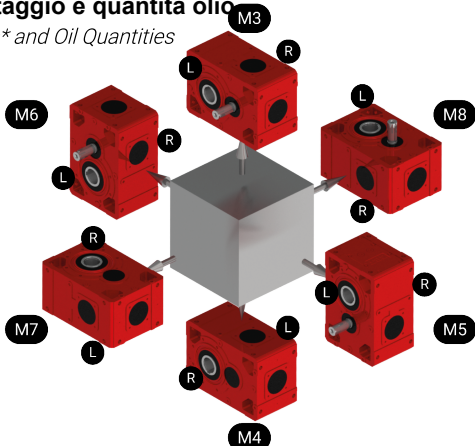
**Dimensioni montaggio vista laterale**  
Side View Mounting Dimensions



**FR 350 / Flangia uscita**  
Output Flange

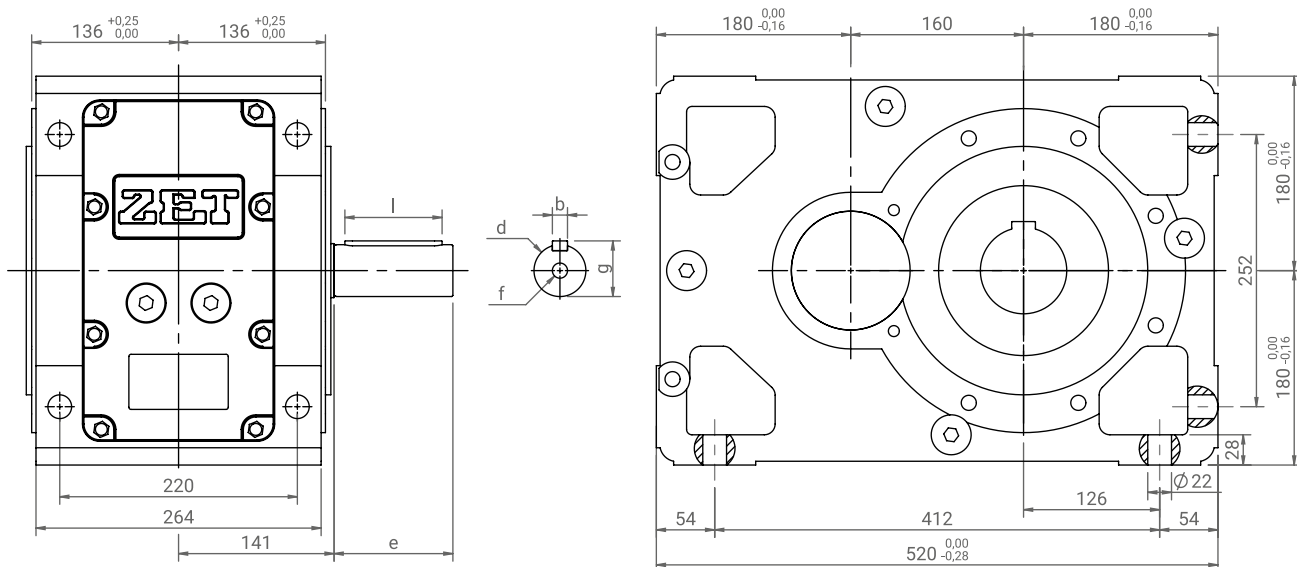


**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities

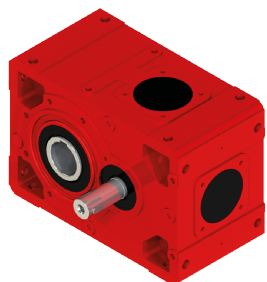


| HE 1140 Quantità olio OIL QUANTITIES (L) |    |    |    |    |      |
|------------------------------------------|----|----|----|----|------|
| M3                                       | M4 | M5 | M6 | M7 | M8   |
| 7                                        | 7  | 9  | 9  | 10 | 10,7 |

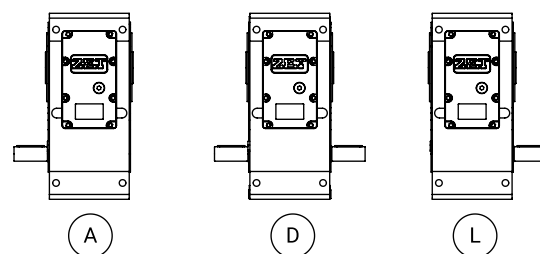
\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



**Conf. albero ingresso**  
Input Shaft Configurations

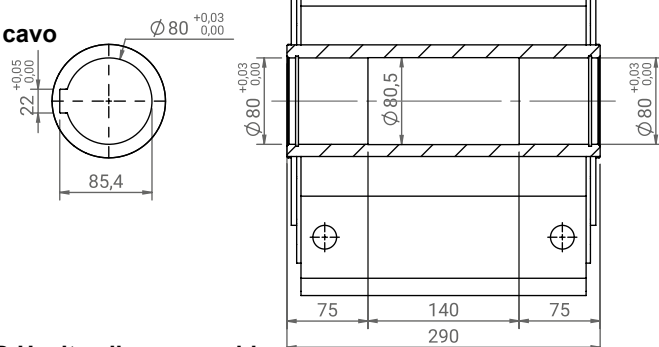


|       | b  | d       | e   | g    | l  | f   |
|-------|----|---------|-----|------|----|-----|
| i>3,5 | 14 | 48 (k6) | 110 | 51,5 | 90 | M16 |
| i<3,5 | 16 | 55 (m6) | 110 | 59   | 90 | M20 |

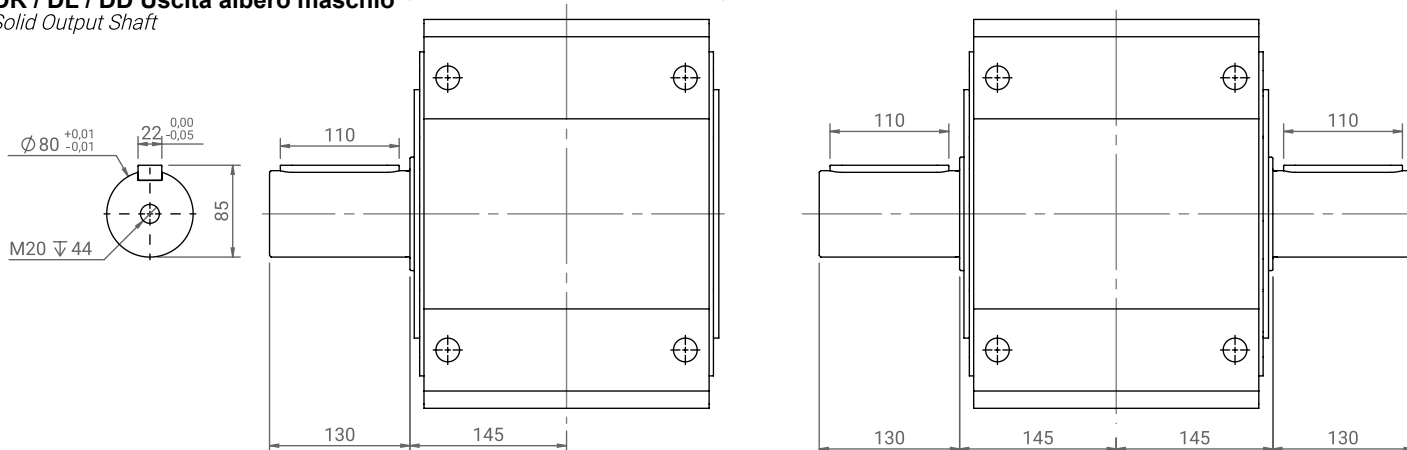


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft

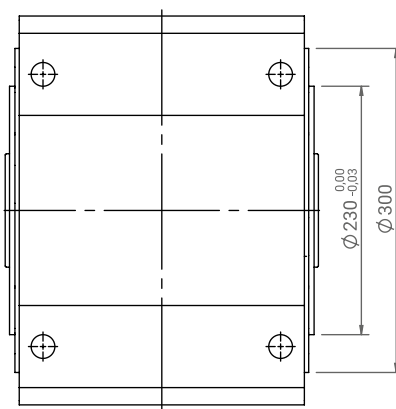
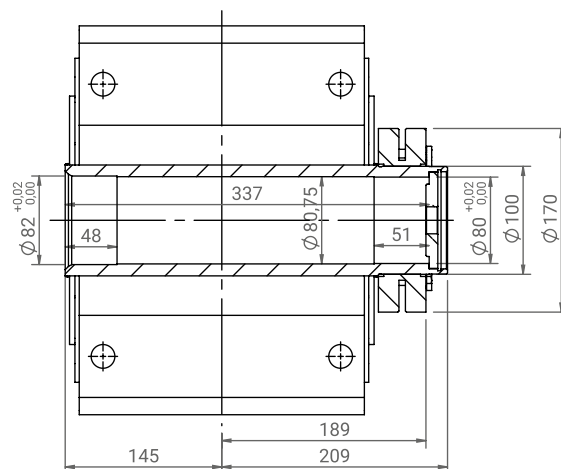




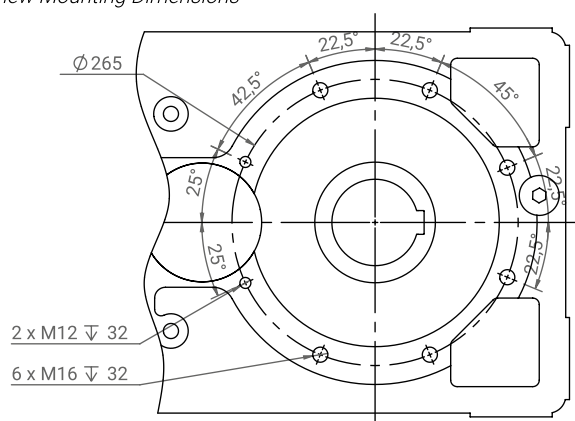
### Conf. Albero uscita

*Output Shaft Configurations*

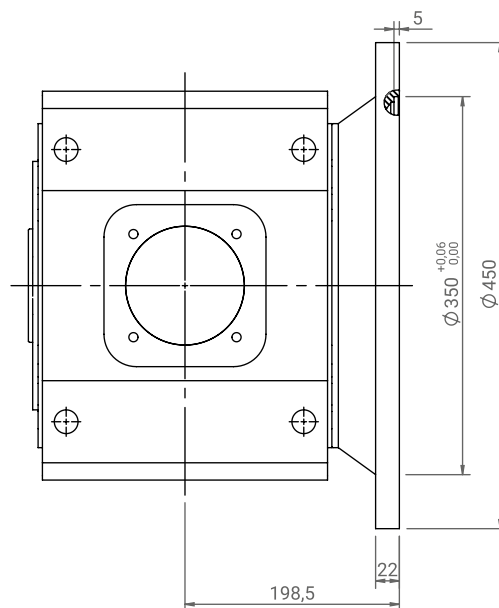
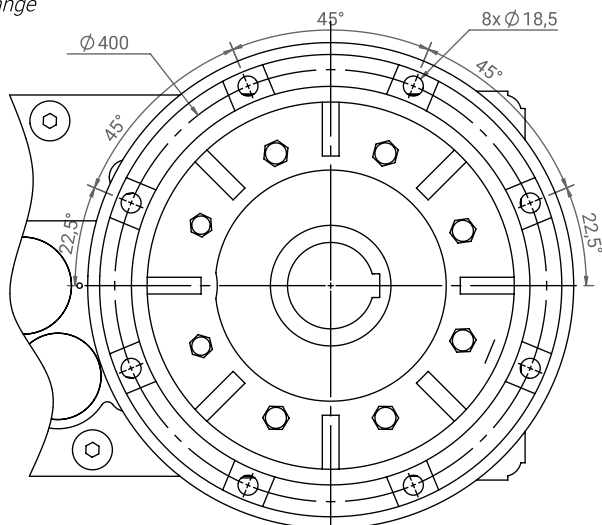
SR /SL



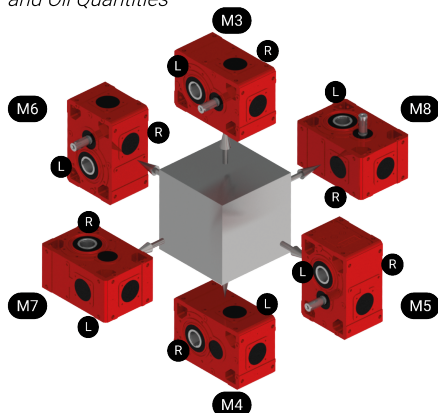
### Dimensioni montaggio vista laterale



**FR 450 / Flangia uscita**  
*Output Flange*



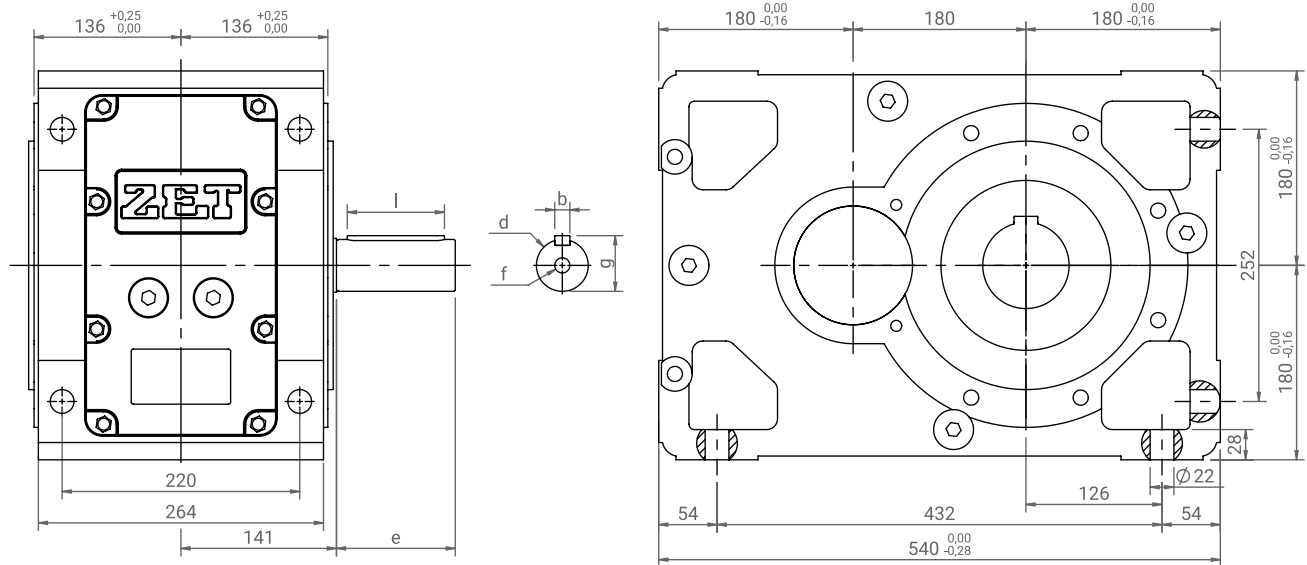
### Posizioni montaggio e quantità olio



156 Kg

| HE 1160 Quantità olio OIL QUANTITIES (L) |      |      |      |      |      |
|------------------------------------------|------|------|------|------|------|
| M3                                       | M4   | M5   | M6   | M7   | M8   |
| 12.5                                     | 12.5 | 16.7 | 16.1 | 18.4 | 19.5 |

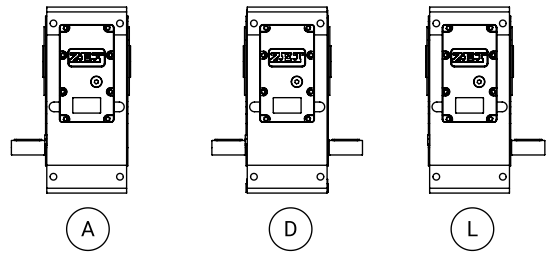
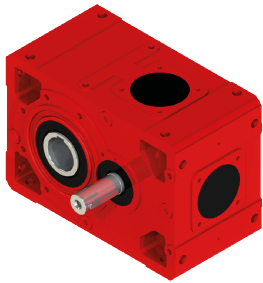
**\*Posizione montaggio mostrate con configurazione HS**  
**\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION**



**Conf. albero ingresso**

Input Shaft Configurations

|       | b  | d       | e   | g    | l  | f   |
|-------|----|---------|-----|------|----|-----|
| i>3,5 | 14 | 48 (k6) | 110 | 51,5 | 90 | M16 |
| i<3,5 | 16 | 55 (m6) | 110 | 59   | 90 | M20 |

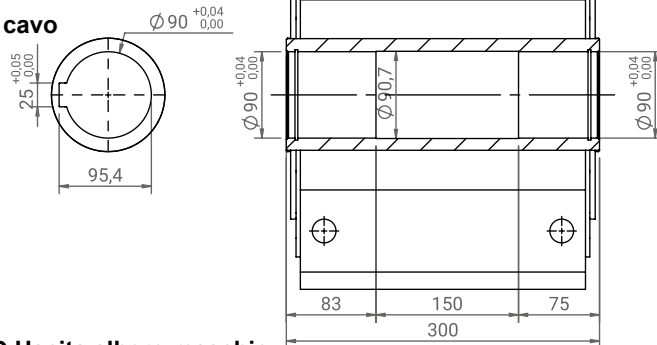


**Conf. Albero uscita**

Output Shaft Configurations

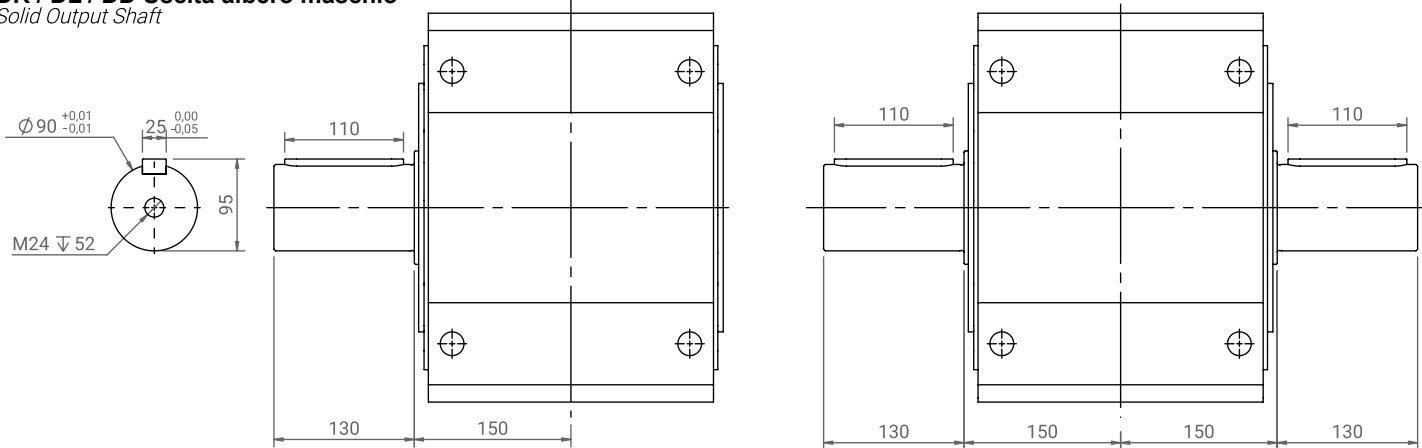
**HS / Albero cavo**

Hollow Shaft



**DR / DL / DD Uscita albero maschio**

Solid Output Shaft



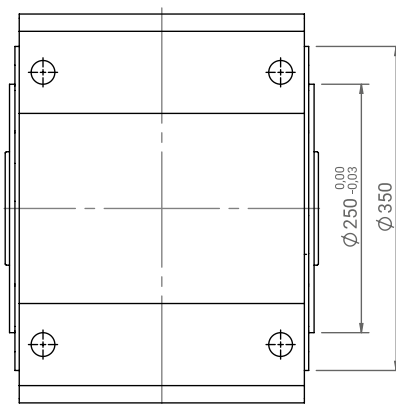


## Dimensioni / Dimension Sheets

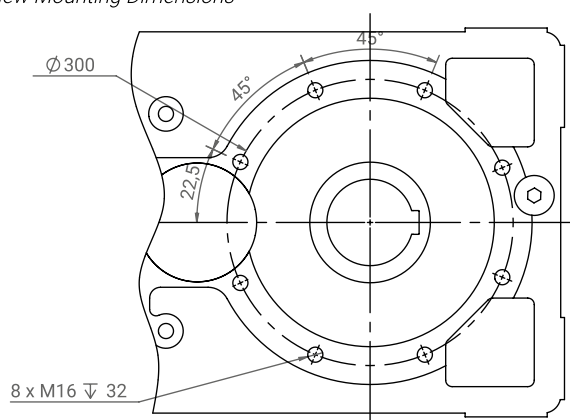
### Conf. Albergo uscita

Technical drawing of a shaft with a keyway. The shaft has a total length of 351 mm, divided into three sections: 50 mm, 241 mm, and 60 mm. The diameter is 90 mm with a tolerance of -0.03 to -0.01 mm. The keyway is 89.5 mm wide. The shaft is labeled M24.

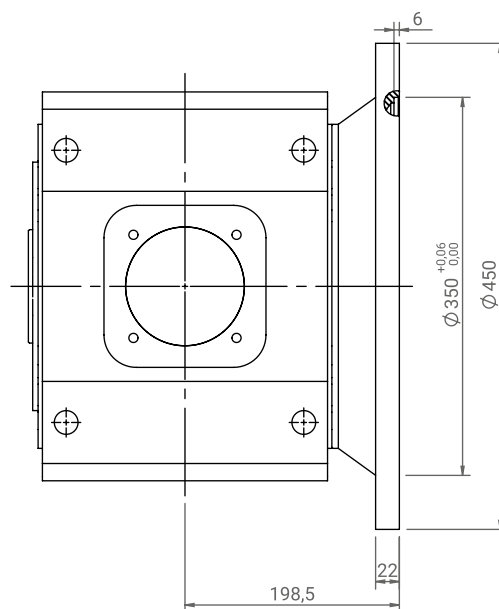
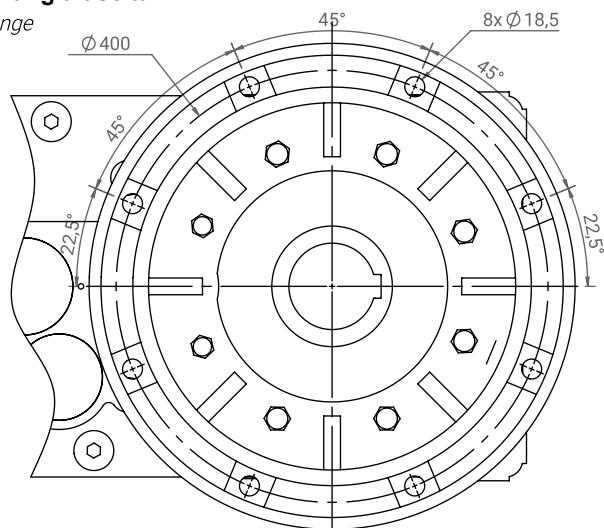
**Albero esterno**      *Customer Shaft*



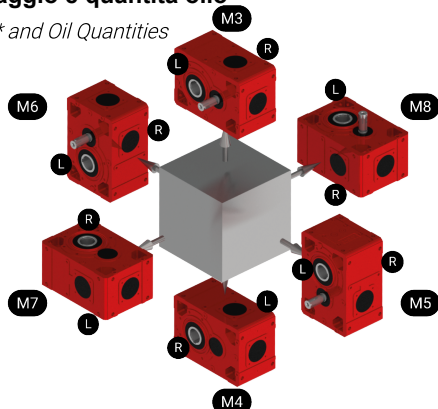
### Side View Mounting Dimensions



*Output Flange*



### Mounting Positions\* and Oil Quantities

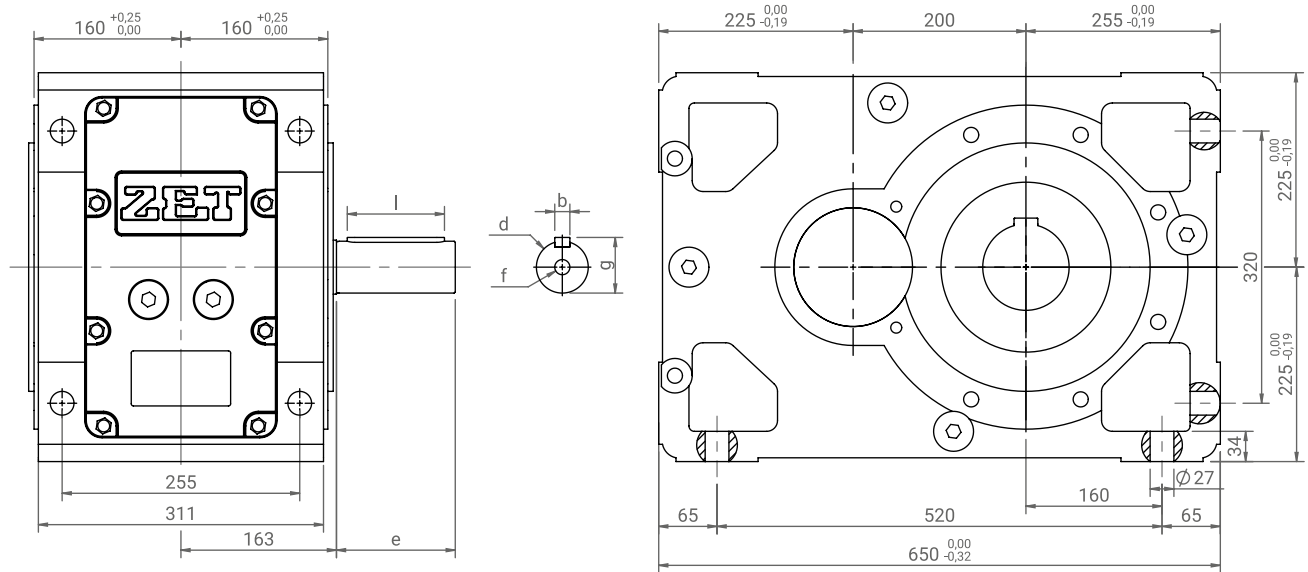


180 Kg

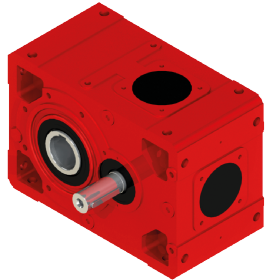
| HE 1180 Quantità olio OIL QUANTITIES (L) |    |    |    |    |    |
|------------------------------------------|----|----|----|----|----|
| M3                                       | M4 | M5 | M6 | M7 | M8 |
| 13                                       | 13 | 17 | 16 | 18 | 19 |

**\*Posizione montaggio mostrate con configurazione HS**

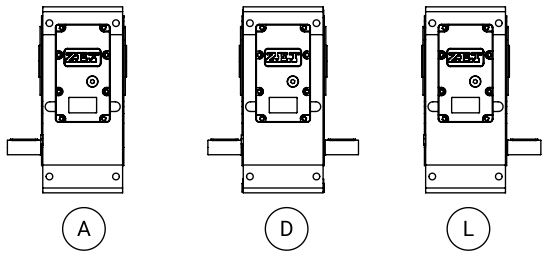
*\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION*



**Conf. albero ingresso**  
Input Shaft Configurations

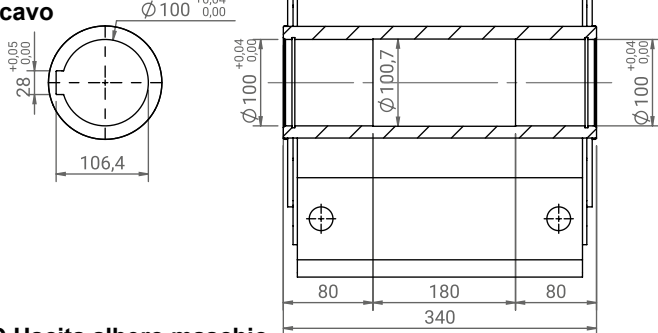


|       | b  | d       | e   | g    | l   | f   |
|-------|----|---------|-----|------|-----|-----|
| i>3,5 | 16 | 55 (m6) | 110 | 59   | 90  | M20 |
| i<3,5 | 20 | 70 (m6) | 140 | 74,5 | 125 | M20 |

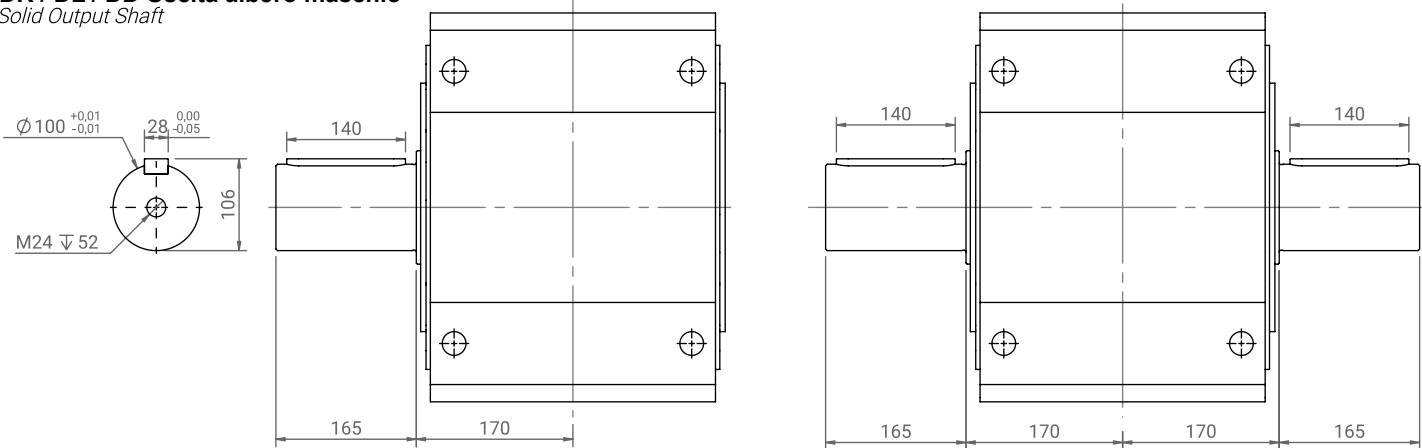


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



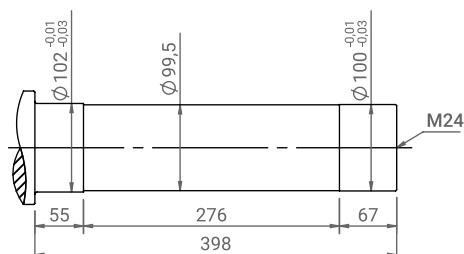
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



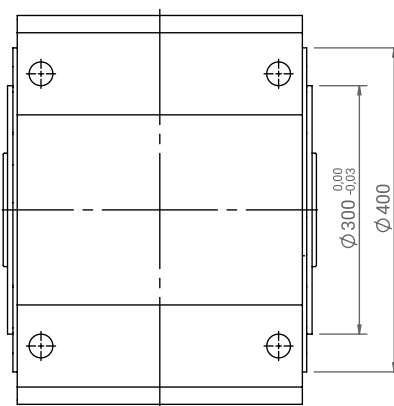
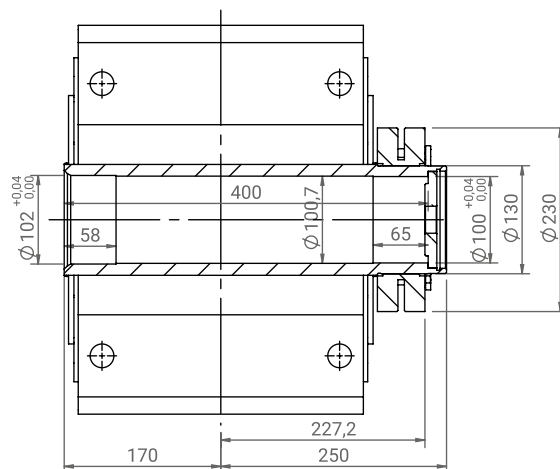
### Conf. Albero uscita

*Output Shaft Configurations*

SR /SL

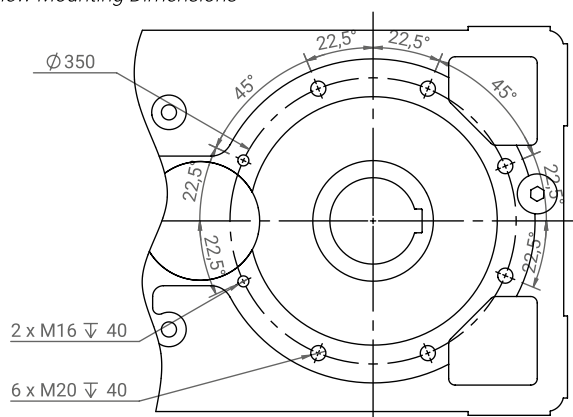


**Albero esterno**      *Customer Shaft*



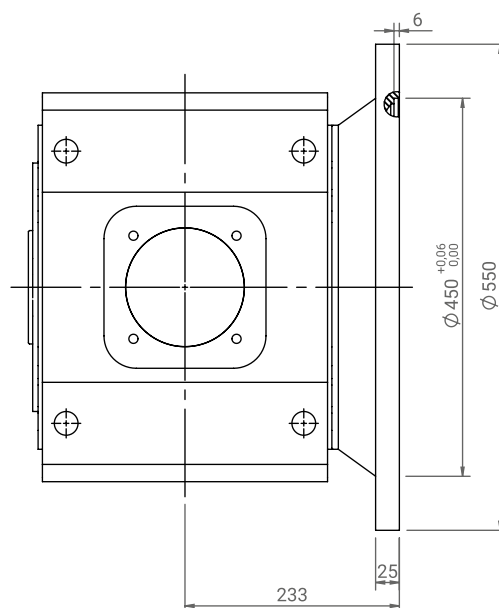
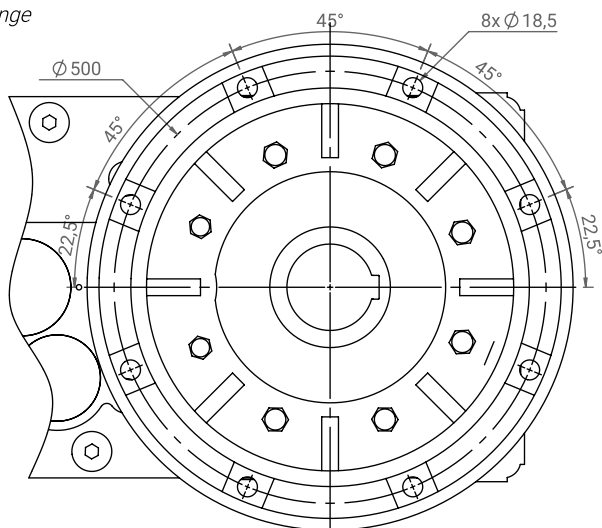
### Dimensioni montaggio vista laterale

#### Side View Mounting Dimensions

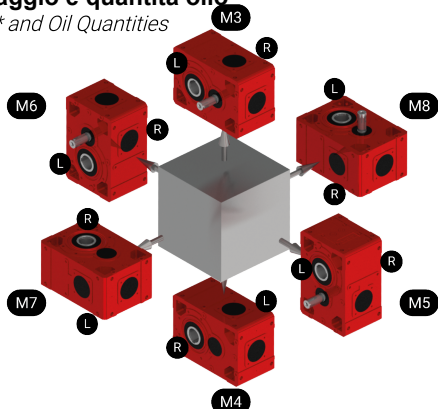


## FR 550 / Flangia uscita

*Output Flange*



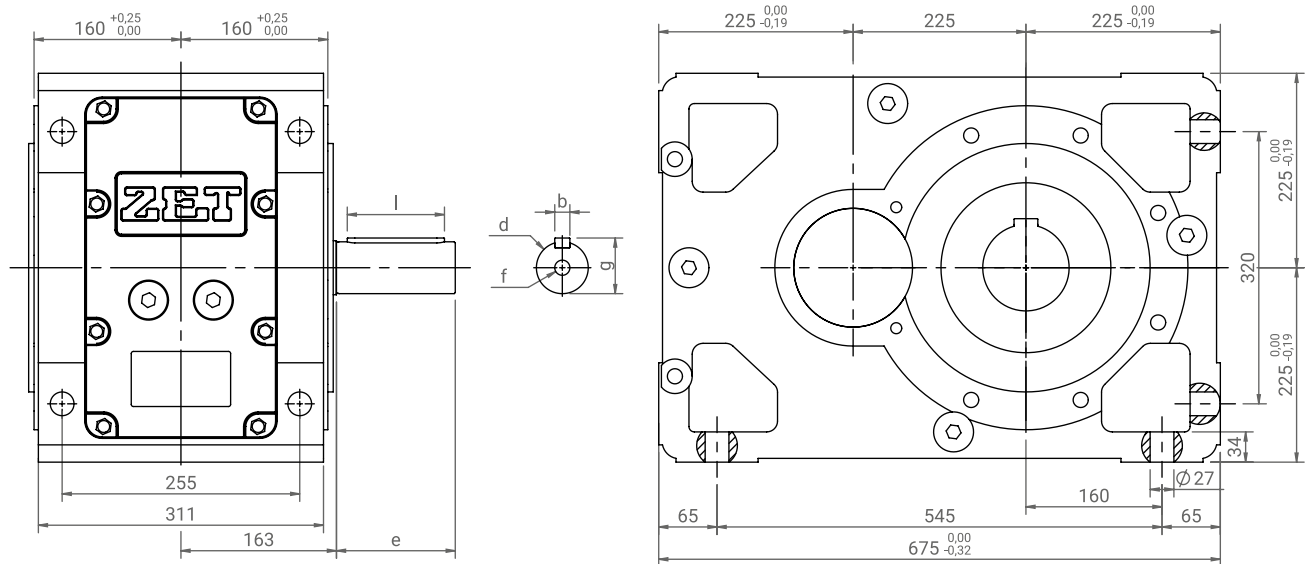
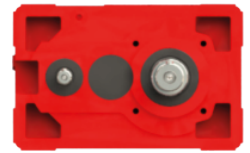
### Posizioni montaggio e quantità olio



280 Kg

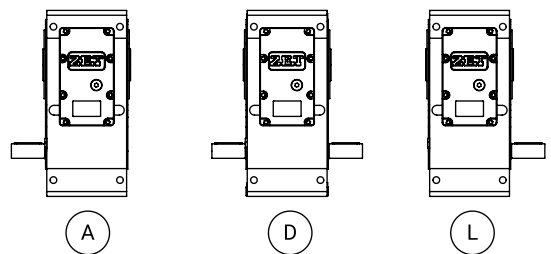
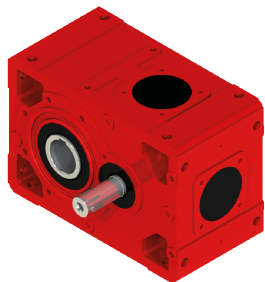
| HE 1200 Quantità olio <i>OIL QUANTITIES (L)</i> |    |    |    |    |    |
|-------------------------------------------------|----|----|----|----|----|
| M3                                              | M4 | M5 | M6 | M7 | M8 |
| 24                                              | 24 | 32 | 31 | 36 | 38 |

**\*Posizione montaggio mostrate con configurazione HS**  
*\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION*



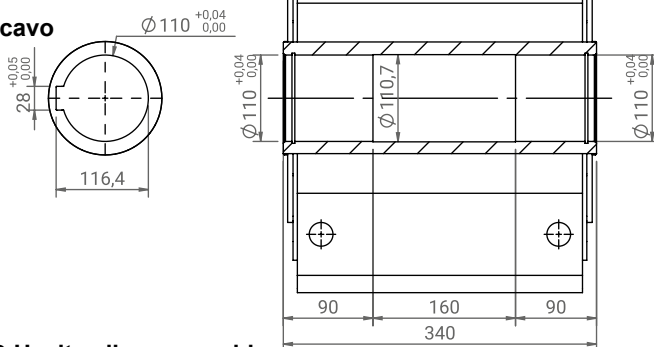
**Conf. albero ingresso**  
Input Shaft Configurations

|       | b  | d       | e   | g    | l   | f   |
|-------|----|---------|-----|------|-----|-----|
| i>3,5 | 18 | 60 (m6) | 140 | 64   | 110 | M20 |
| i<3,5 | 20 | 75 (m6) | 140 | 79,5 | 125 | M20 |

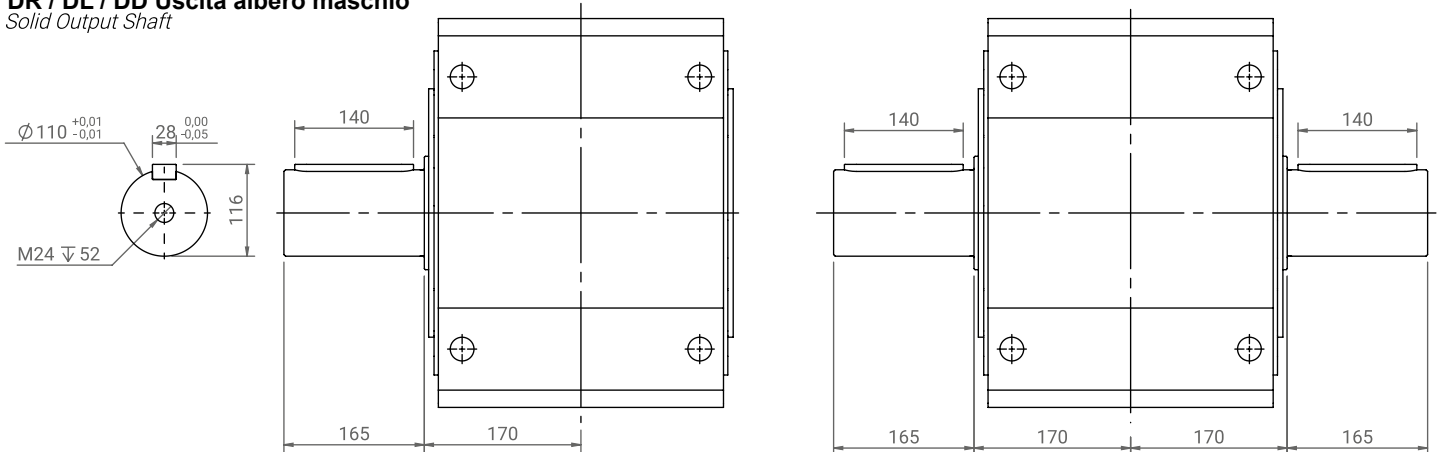


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft

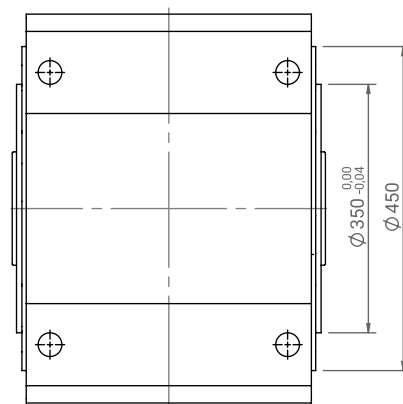




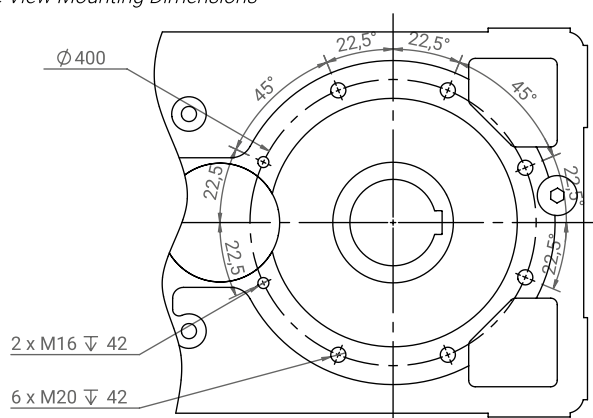
## Dimensioni / Dimension Sheets

### Conf. Albergo uscita

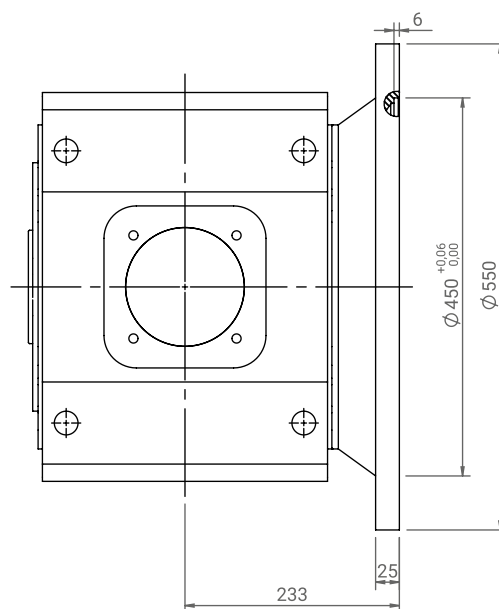
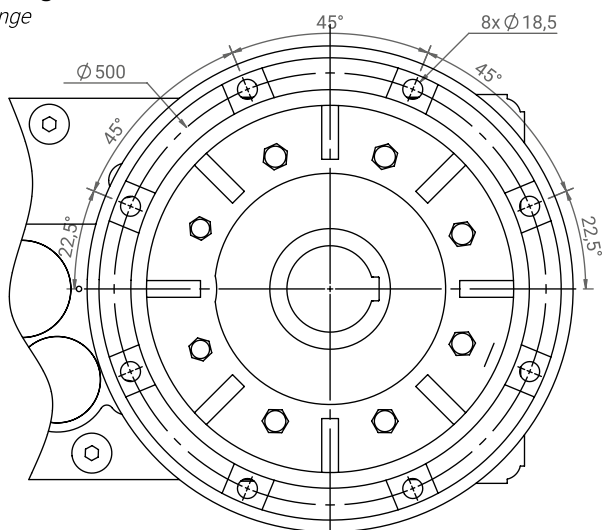
SR /SL



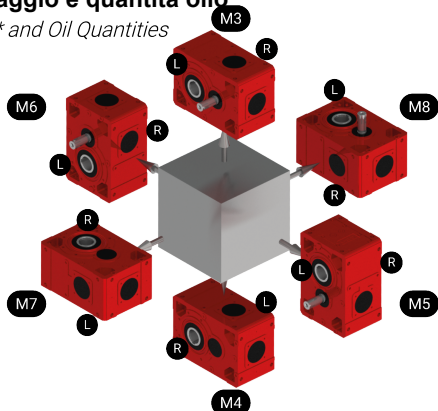
### Side View Mounting Dimensions



*Output Flange*



### Mounting Positions\* and Oil Quantities

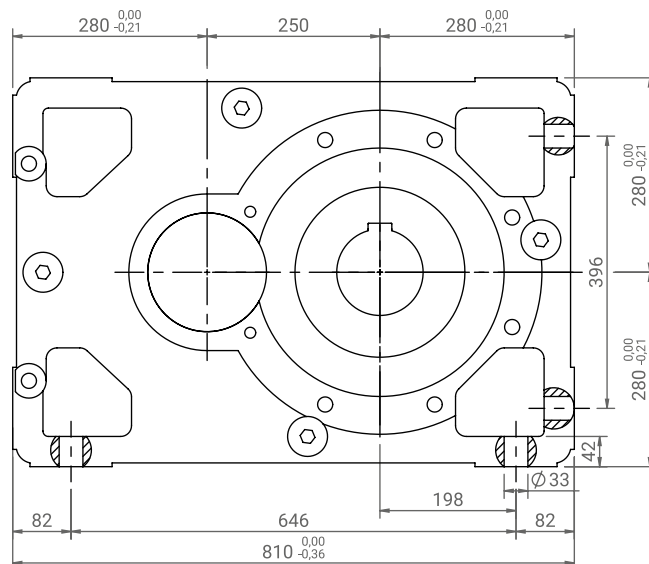
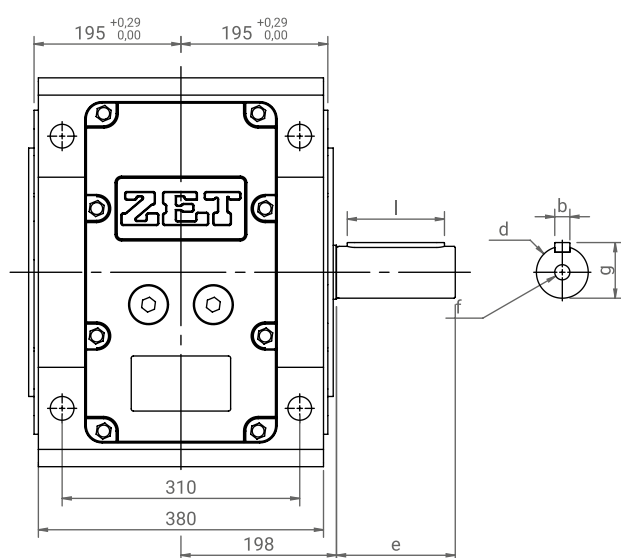


312 Kg

| HE 1225 Quantità olio <i>OIL QUANTITIES (L)</i> |      |      |      |      |      |
|-------------------------------------------------|------|------|------|------|------|
| M3                                              | M4   | M5   | M6   | M7   | M8   |
| 23.8                                            | 23.8 | 31.5 | 30.2 | 34.3 | 37.3 |

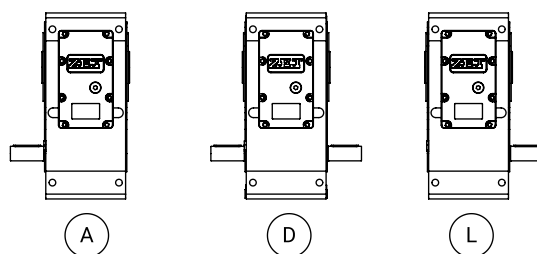
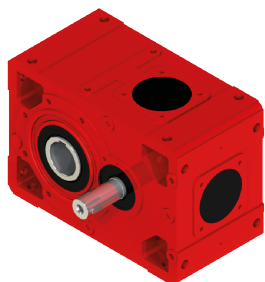
**\*Posizione montaggio mostrate con configurazione HS**  
*\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION*





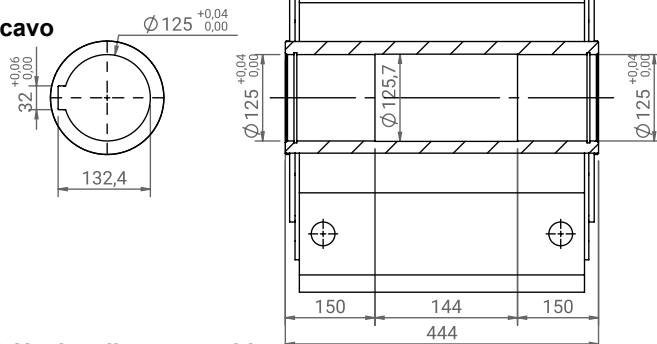
**Conf. albero ingresso**  
Input Shaft Configurations

| b  | d       | e   | g  | l   | f   |
|----|---------|-----|----|-----|-----|
| 22 | 80 (m6) | 170 | 85 | 140 | M20 |

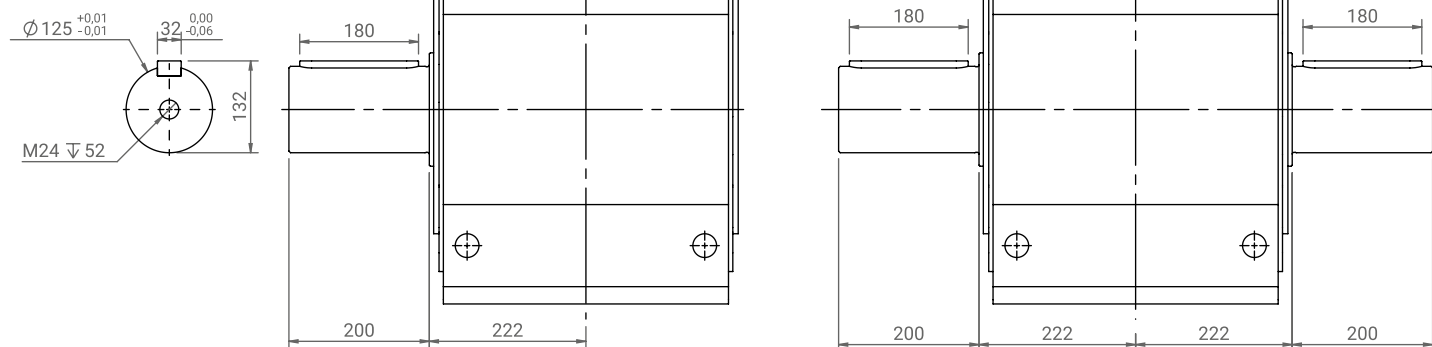


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



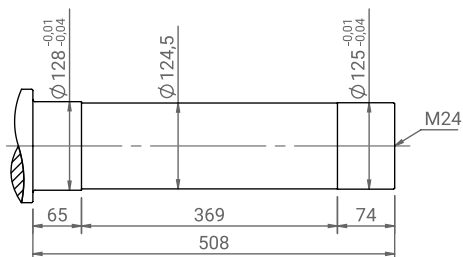
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



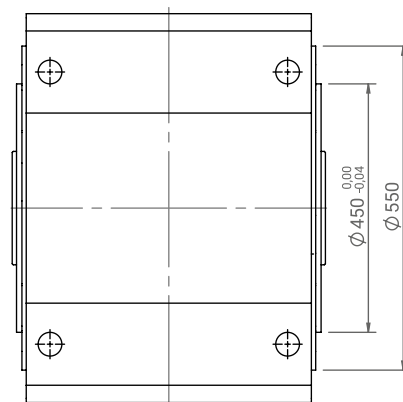
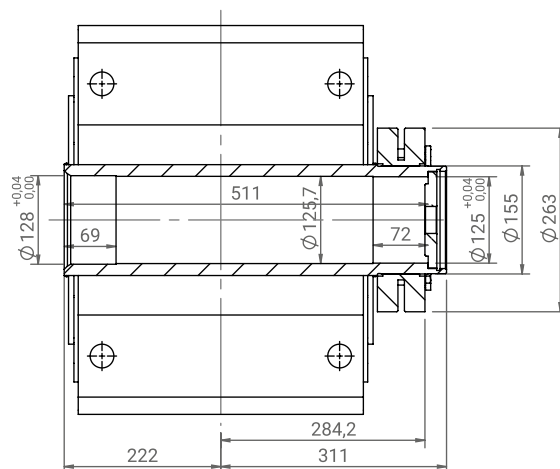


**Conf. Albero uscita**  
Output Shaft Configurations

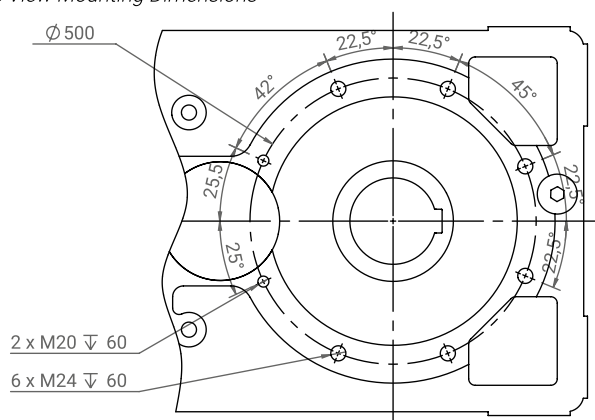
SR / SL



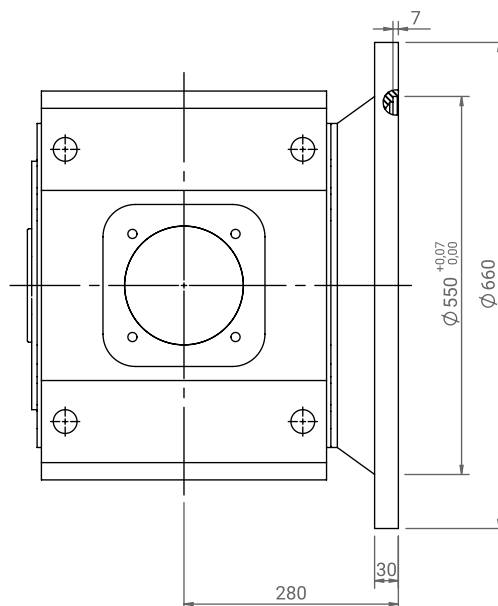
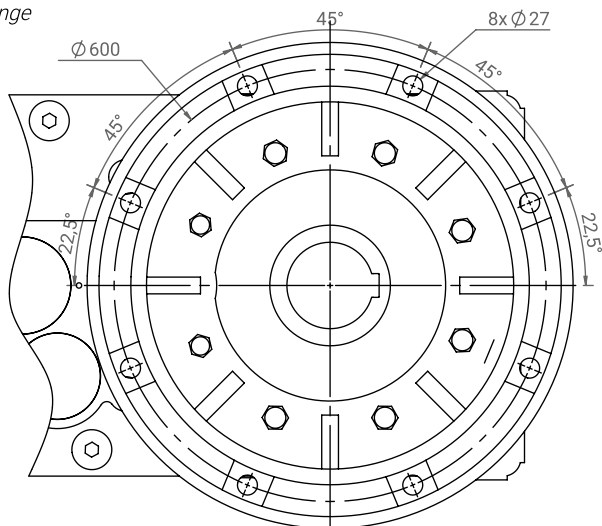
**Albero esterno** Customer Shaft



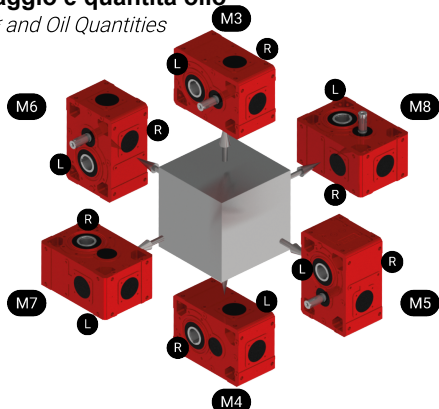
**Dimensioni montaggio vista laterale**  
Side View Mounting Dimensions



**FR 660 / Flangia uscita**  
Output Flange



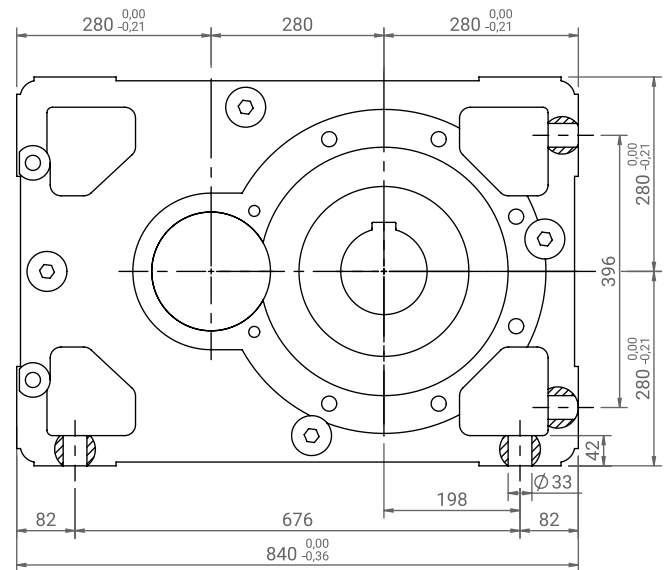
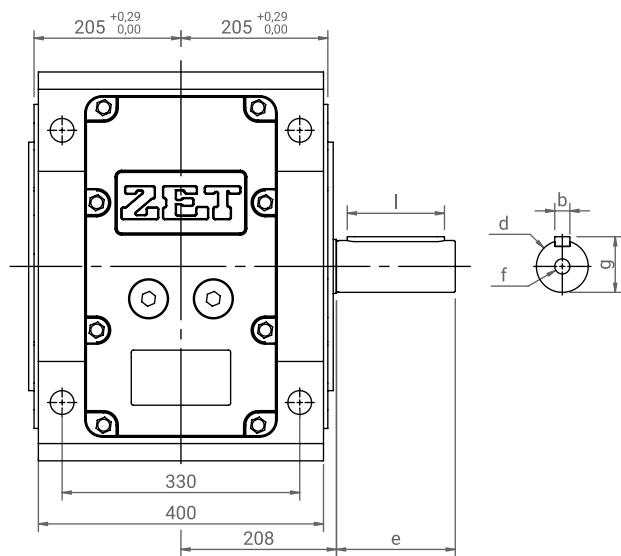
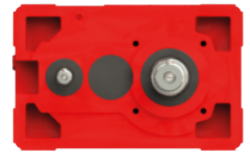
**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



570 Kg

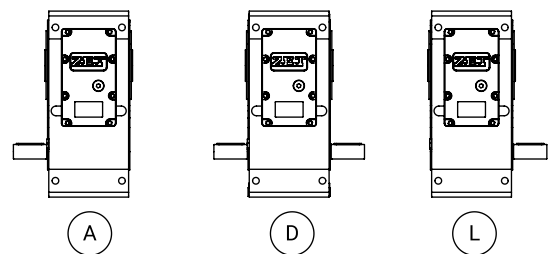
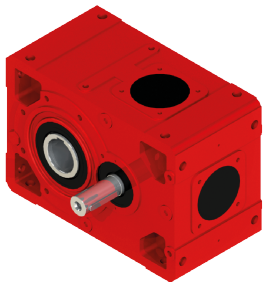
| HE 1250 Quantità olio OIL QUANTITIES (L) |    |    |    |    |    |
|------------------------------------------|----|----|----|----|----|
| M3                                       | M4 | M5 | M6 | M7 | M8 |
| 45                                       | 45 | 59 | 58 | 66 | 71 |

\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



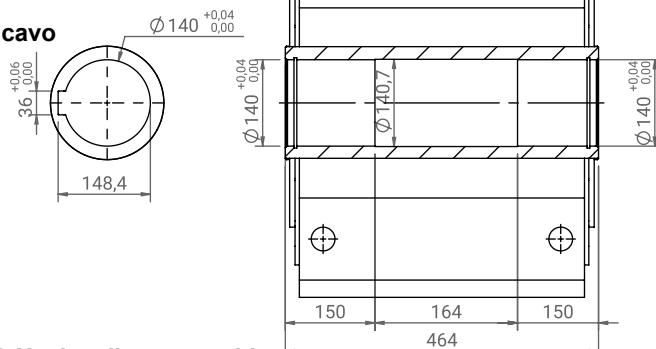
**Conf. albero ingresso**  
Input Shaft Configurations

| b  | d       | e   | g  | l   | f   |
|----|---------|-----|----|-----|-----|
| 22 | 80 (m6) | 170 | 85 | 140 | M20 |

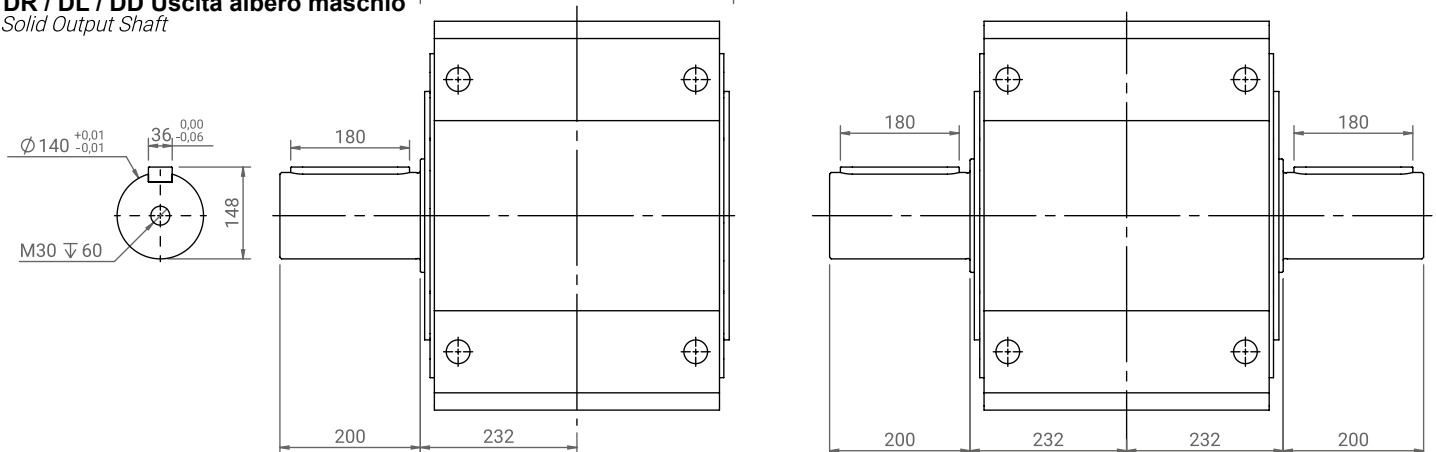


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



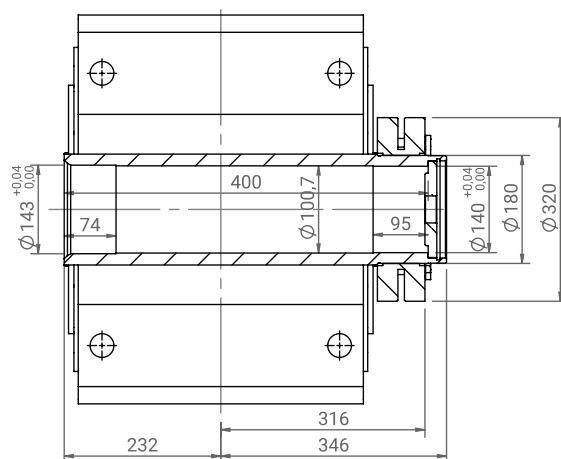
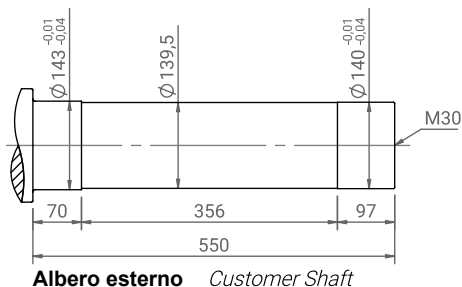
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



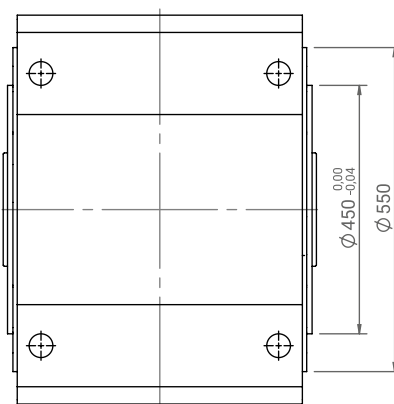
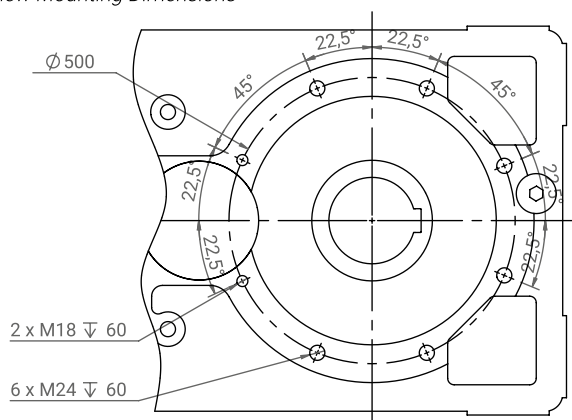


**Conf. Albero uscita**  
Output Shaft Configurations

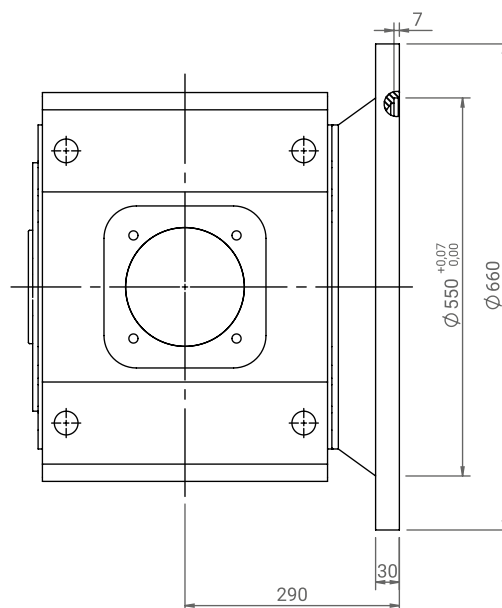
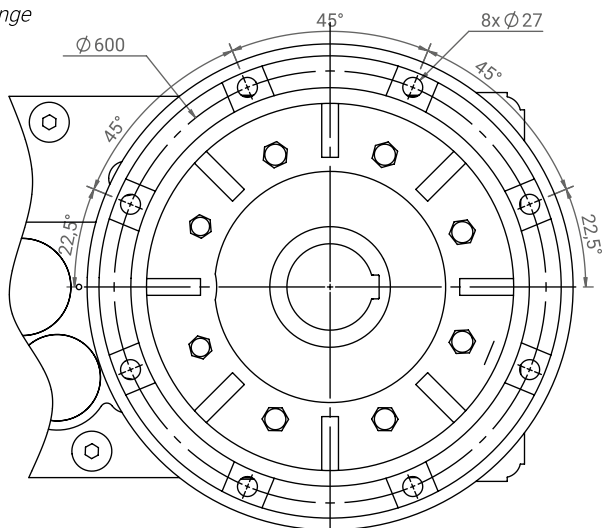
SR / SL



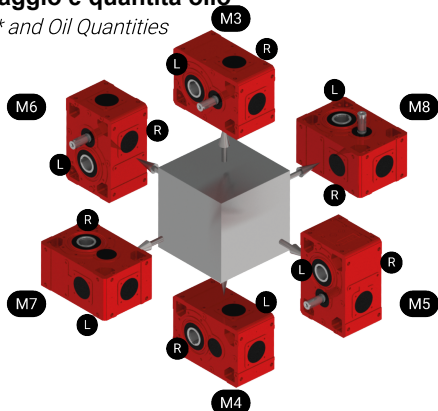
**Dimensioni montaggio vista laterale**  
Side View Mounting Dimensions



**FR 660 / Flangia uscita**  
Output Flange

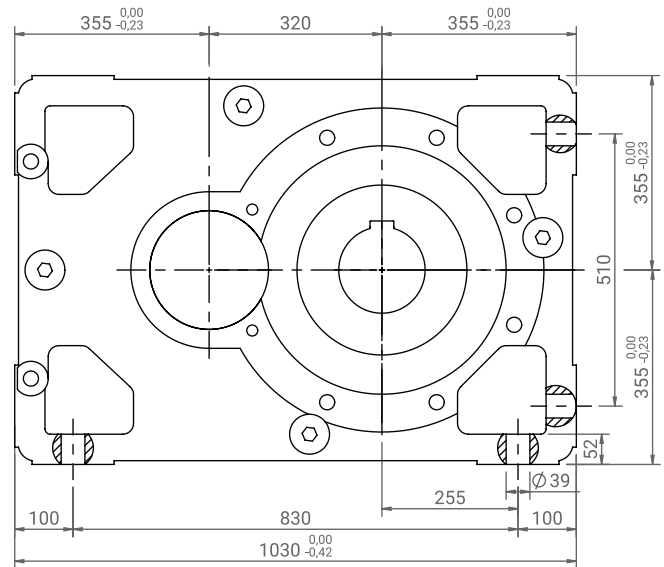
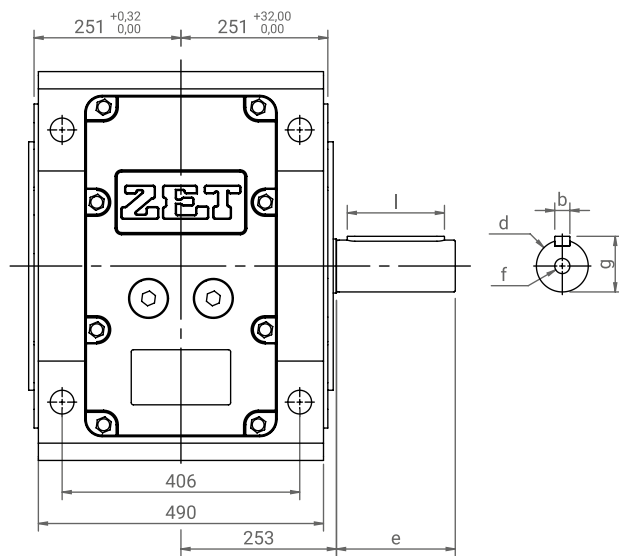
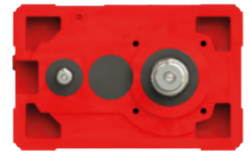


**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



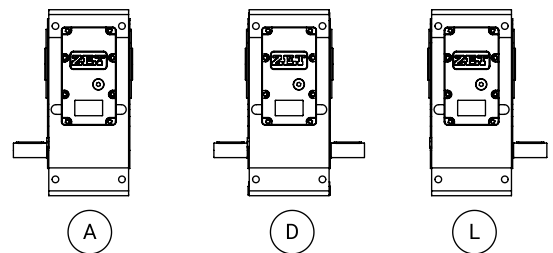
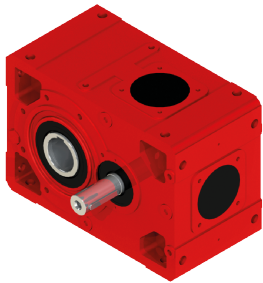
| HE 1280 Quantità olio OIL QUANTITIES (L) |    |    |    |    |    |
|------------------------------------------|----|----|----|----|----|
| M3                                       | M4 | M5 | M6 | M7 | M8 |
| 47                                       | 47 | 72 | 61 | 67 | 73 |

\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



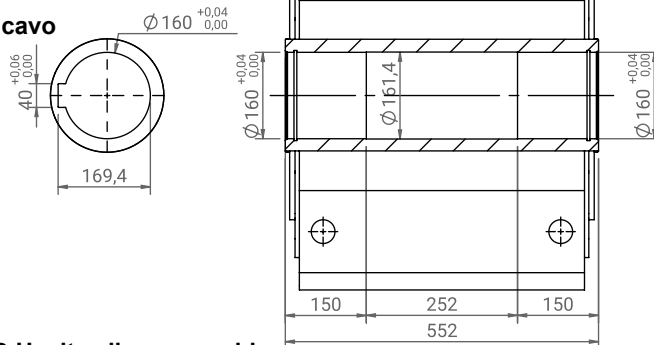
**Conf. albero ingresso**  
Input Shaft Configurations

| b  | d       | e   | g   | l   | f   |
|----|---------|-----|-----|-----|-----|
| 25 | 95 (m6) | 170 | 100 | 140 | M24 |

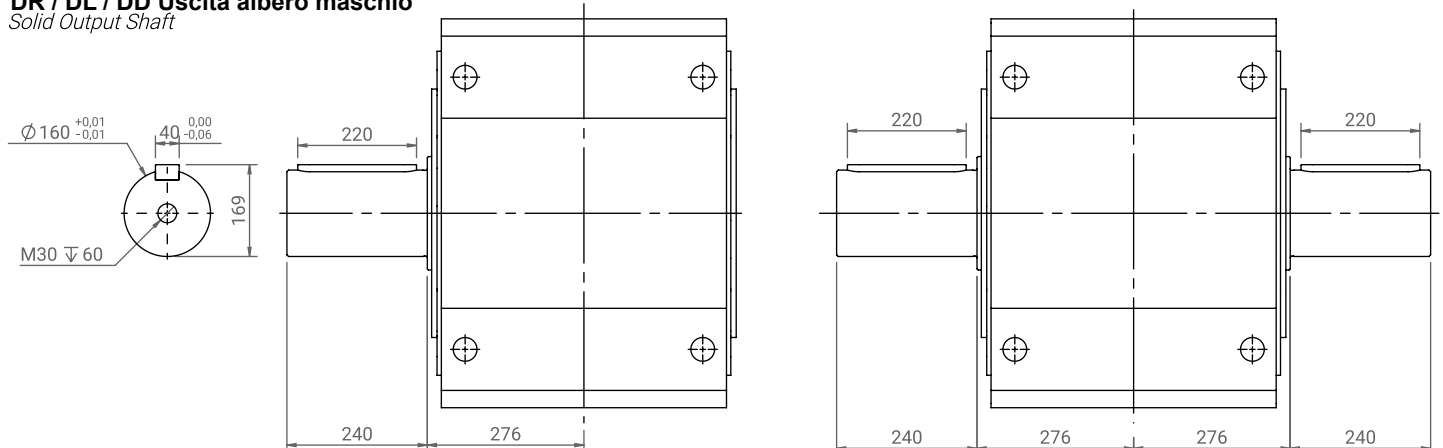


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



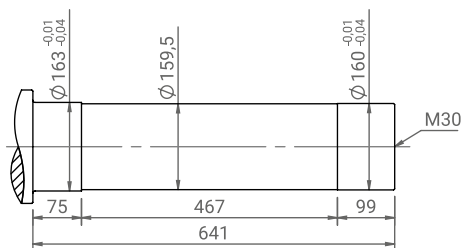
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



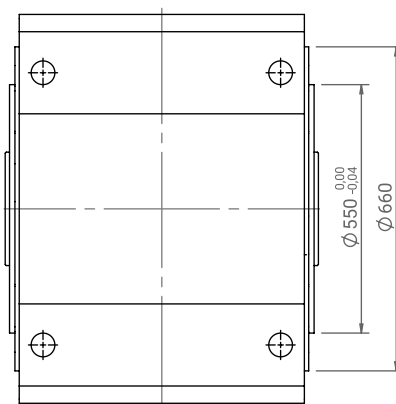
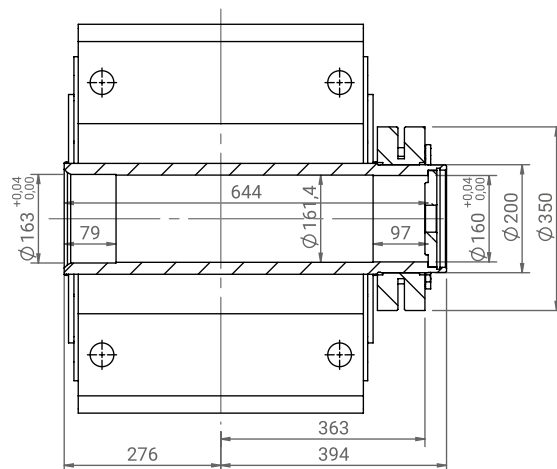


**Conf. Albero uscita**  
Output Shaft Configurations

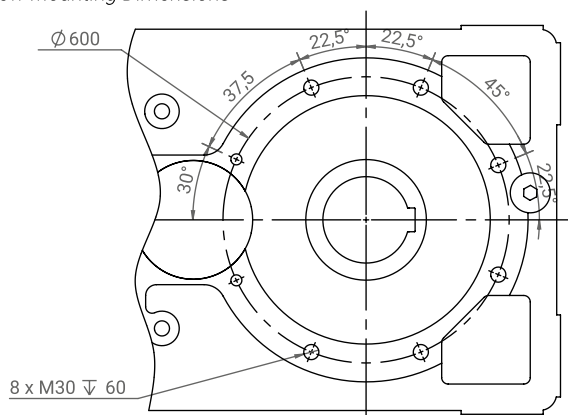
SR / SL



**Albero esterno** Customer Shaft

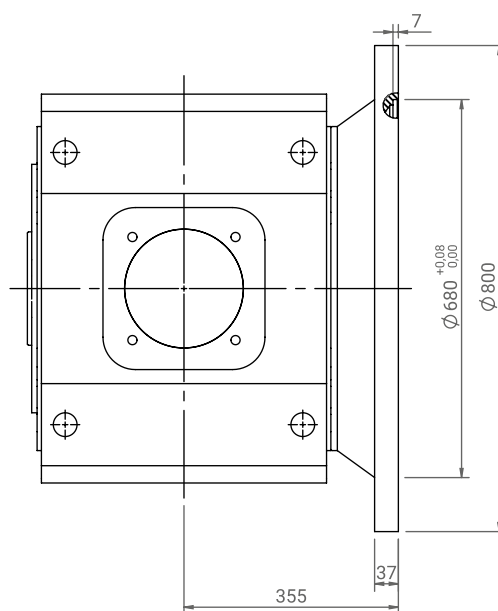
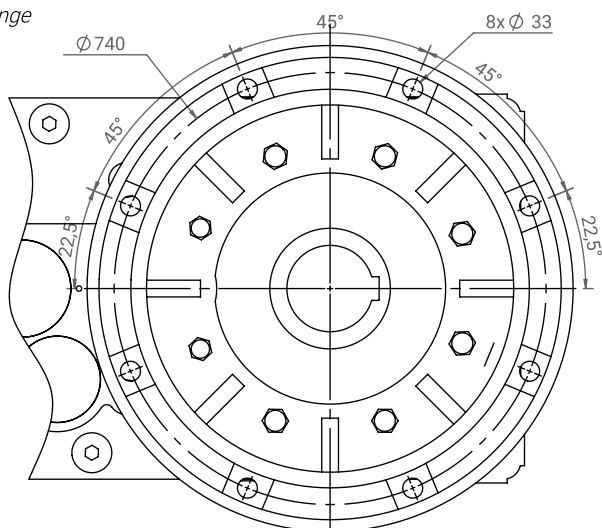


**Dimensioni montaggio vista laterale**  
Side View Mounting Dimensions

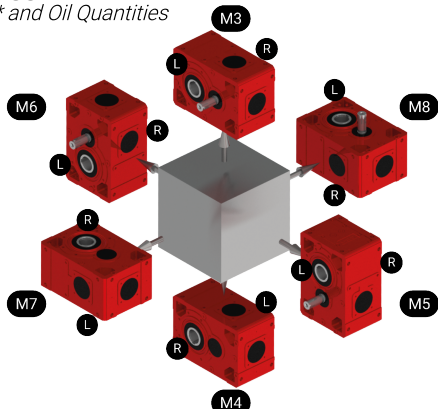


**FR 800 / Flangia uscita**

Output Flange



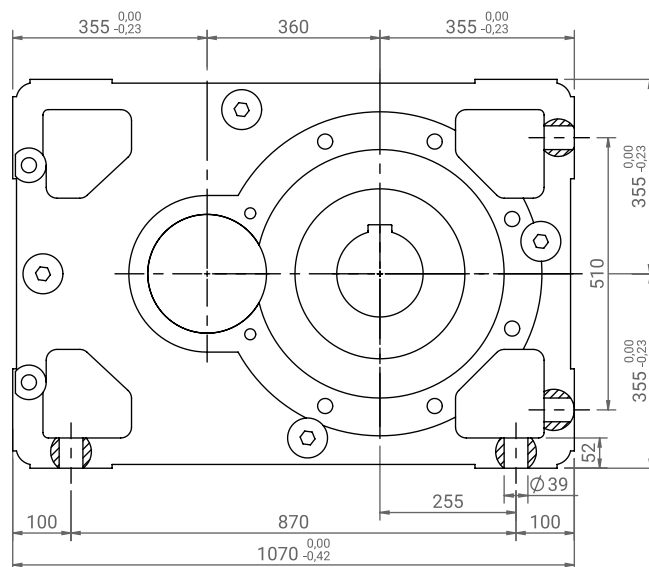
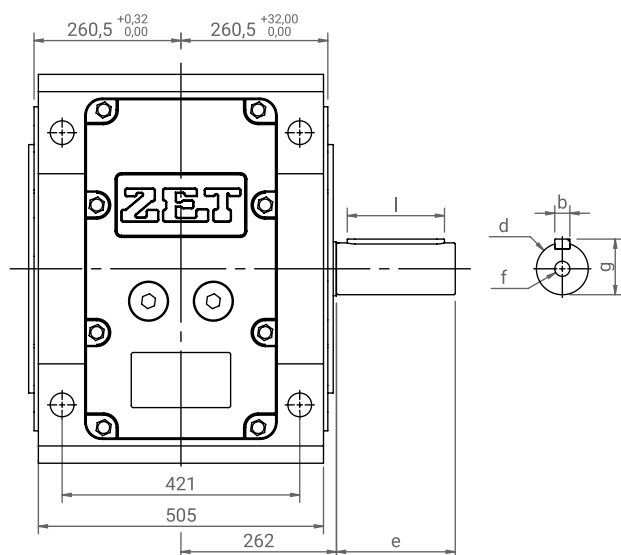
**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



1080 Kg

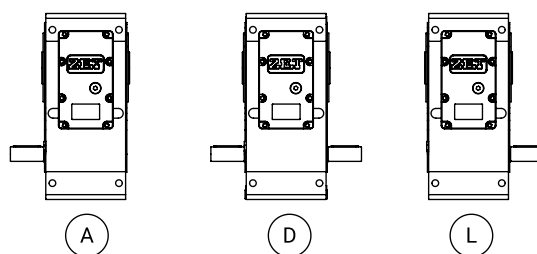
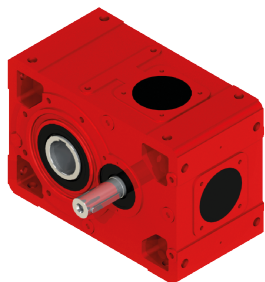
| HE 1320 Quantità olio OIL QUANTITIES (L) |      |     |     |     |     |
|------------------------------------------|------|-----|-----|-----|-----|
| M3                                       | M4   | M5  | M6  | M7  | M8  |
| 95,8                                     | 95,8 | 126 | 124 | 135 | 145 |

\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



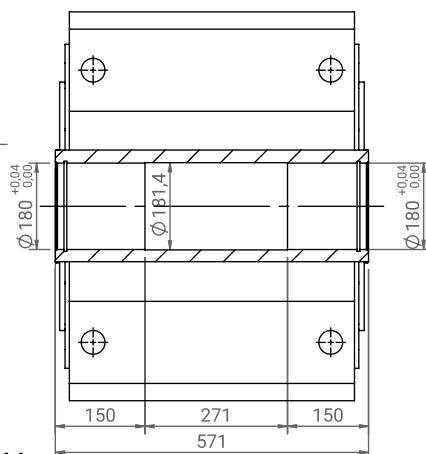
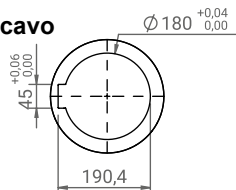
**Conf. albero ingresso**  
Input Shaft Configurations

| b  | d        | e   | g   | l   | f   |
|----|----------|-----|-----|-----|-----|
| 28 | 110 (m6) | 210 | 116 | 180 | M24 |

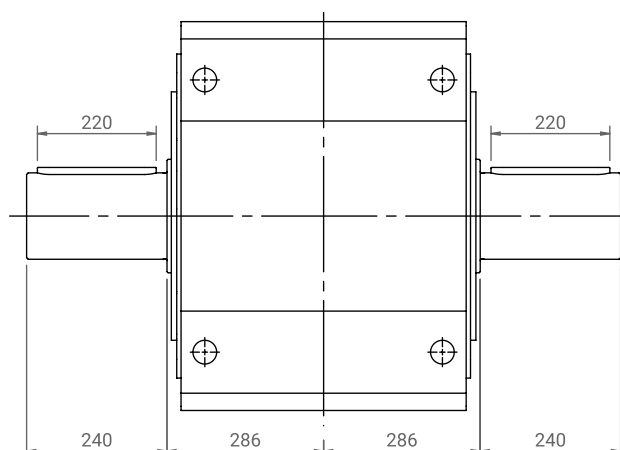
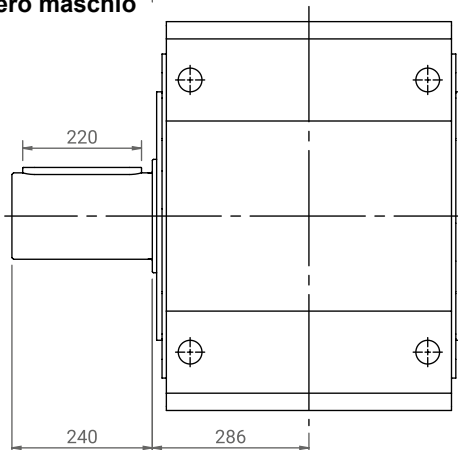
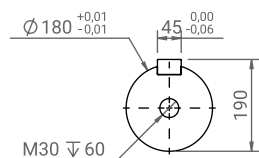


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft

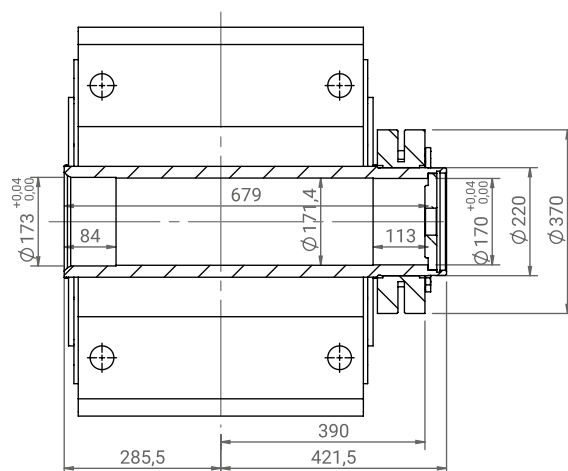
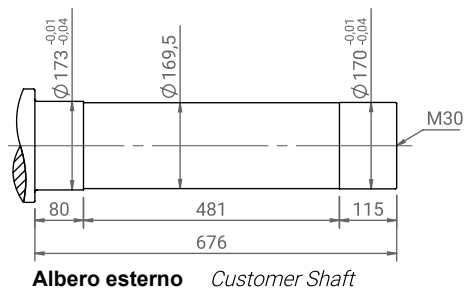




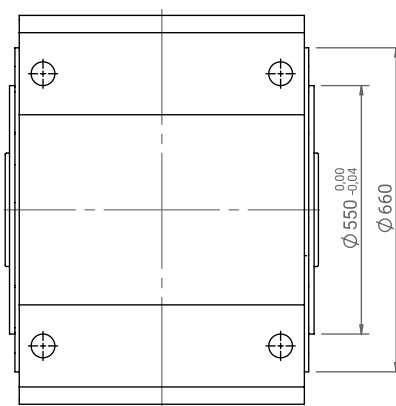
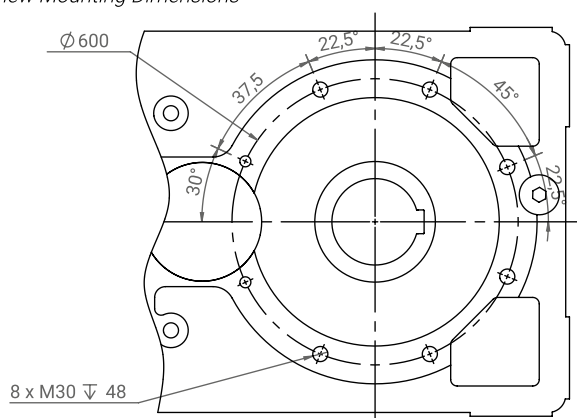


**Conf. Albero uscita**  
Output Shaft Configurations

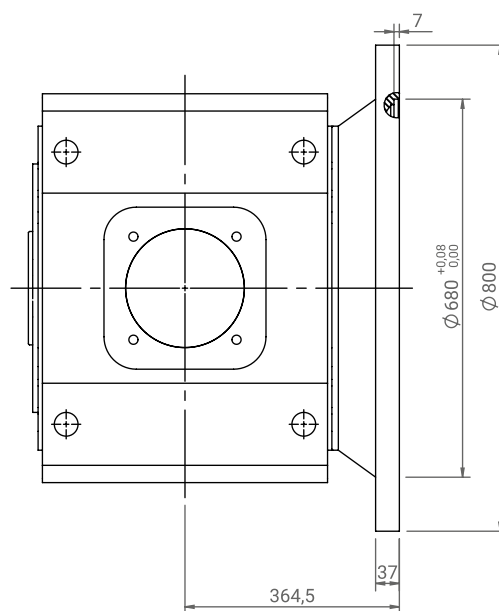
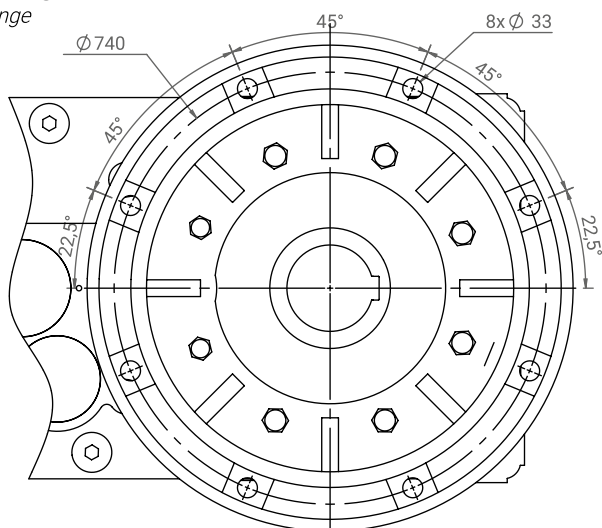
SR /SL



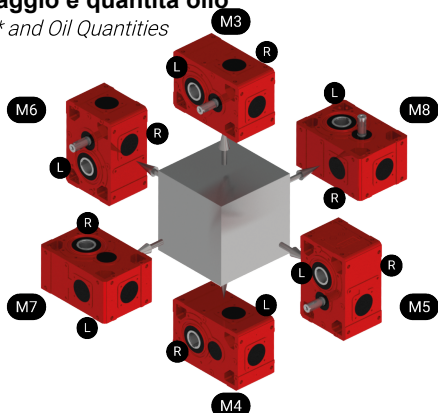
**Dimensioni montaggio vista laterale**  
Side View Mounting Dimensions



**FR 800 / Flangia uscita**  
Output Flange

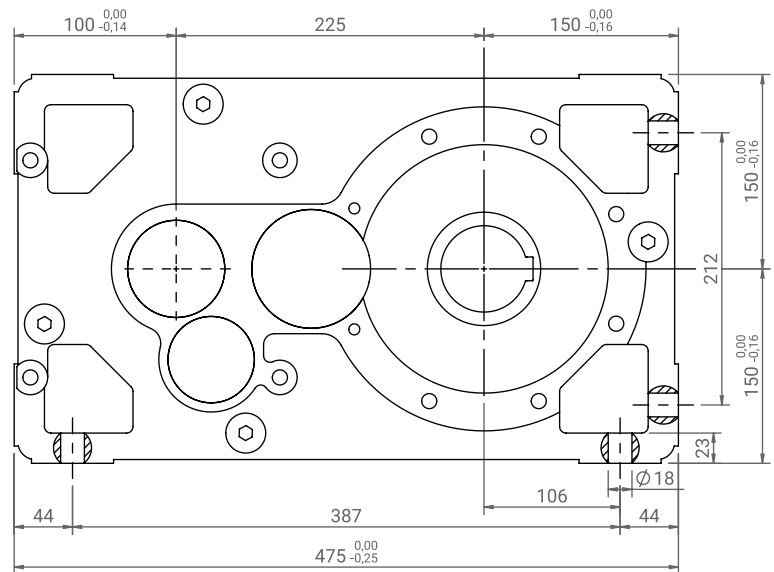
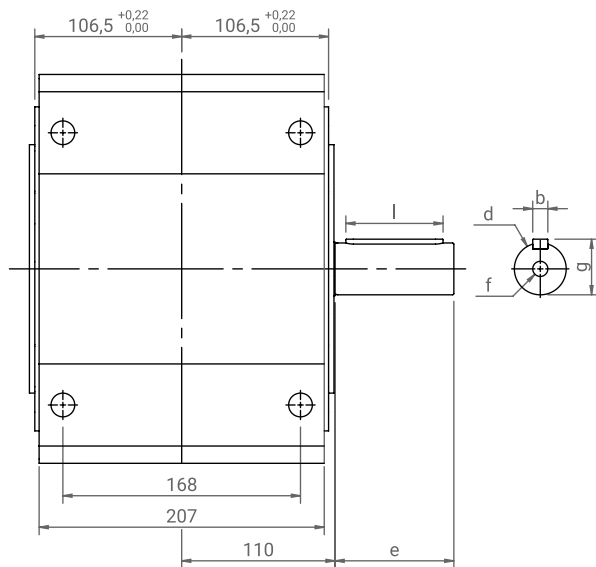
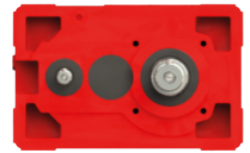


**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



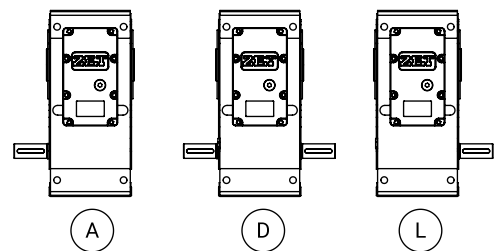
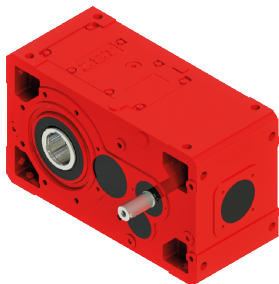
| HE 1360 Quantità olio OIL QUANTITIES (L) |     |     |     |     |     |
|------------------------------------------|-----|-----|-----|-----|-----|
| M3                                       | M4  | M5  | M6  | M7  | M8  |
| 115                                      | 115 | 171 | 171 | 165 | 156 |

\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



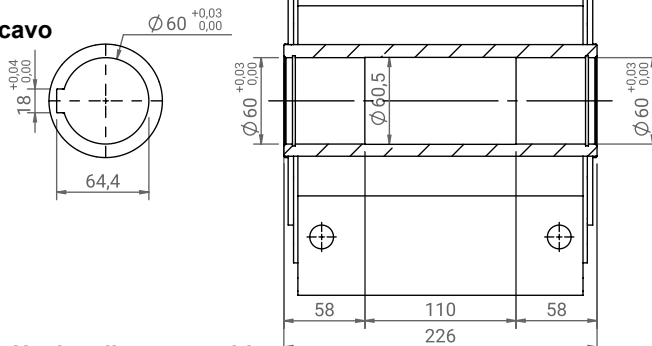
**Conf. albero ingresso**  
Input Shaft Configurations

|      | b  | d       | e  | g  | l  | f   |
|------|----|---------|----|----|----|-----|
| i>12 | 8  | 28 (j6) | 60 | 31 | 45 | M10 |
| i<12 | 10 | 32 (k6) | 80 | 35 | 70 | M12 |

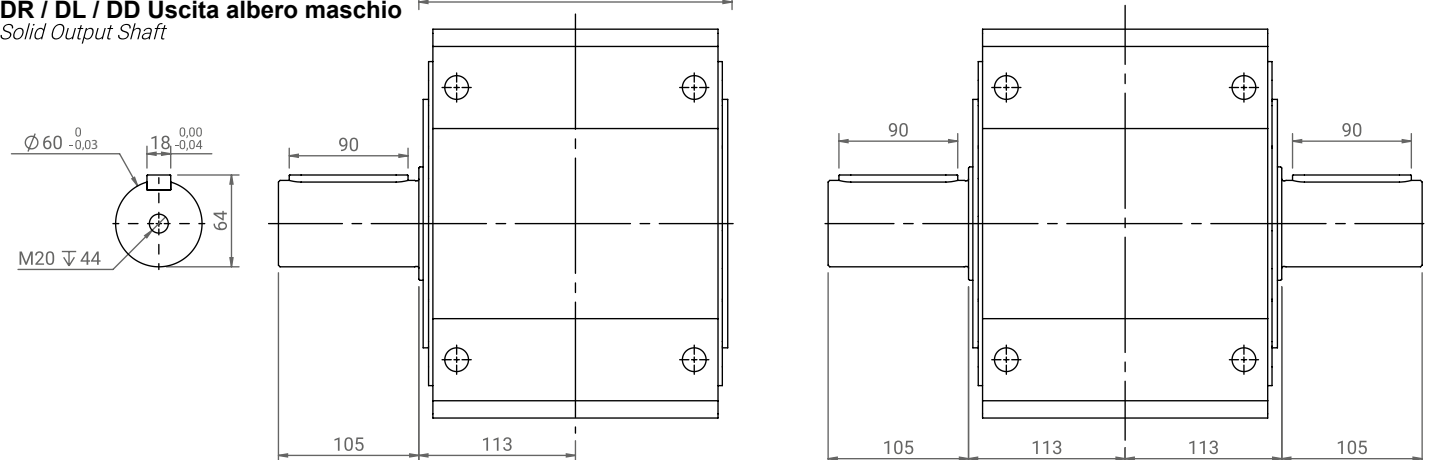


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



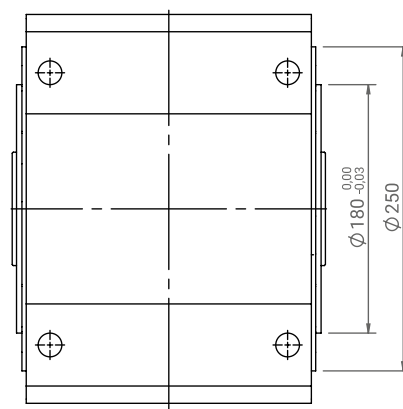
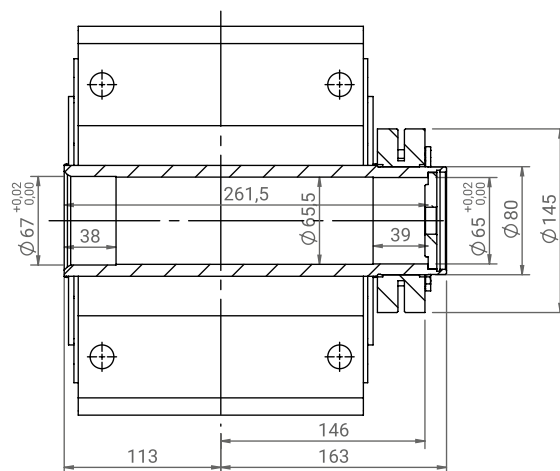
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



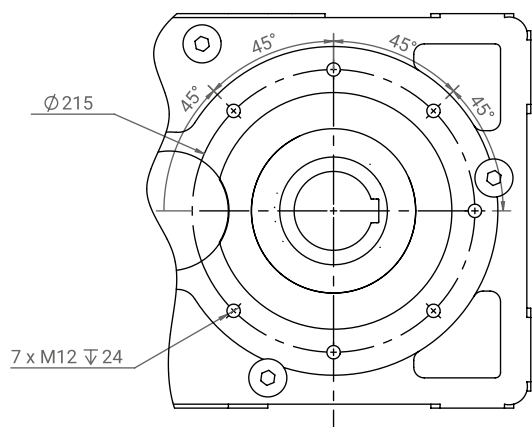


**Conf. Albero uscita**  
Output Shaft Configurations

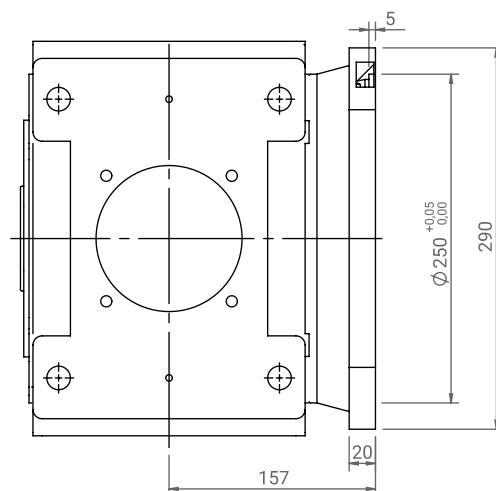
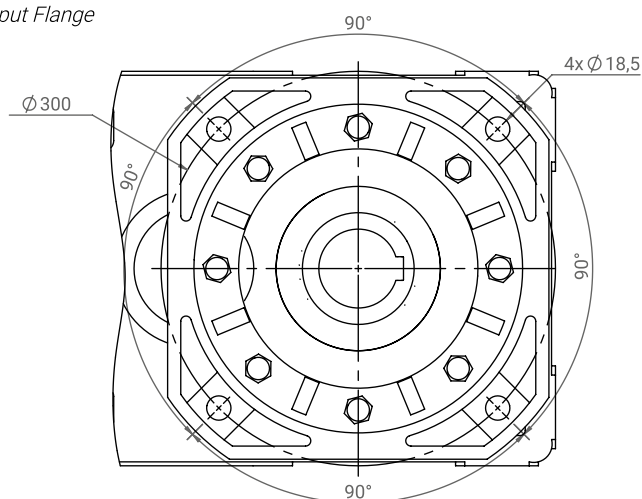
SR / SL



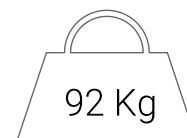
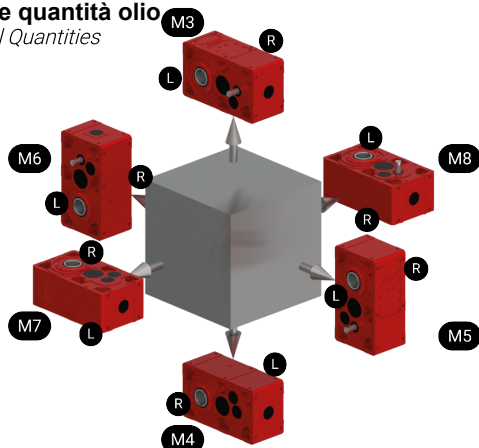
**Dimensioni montaggio vista laterale**  
Side View Mounting Dimensions



**FR 290 / Flangia uscita**  
Output Flange

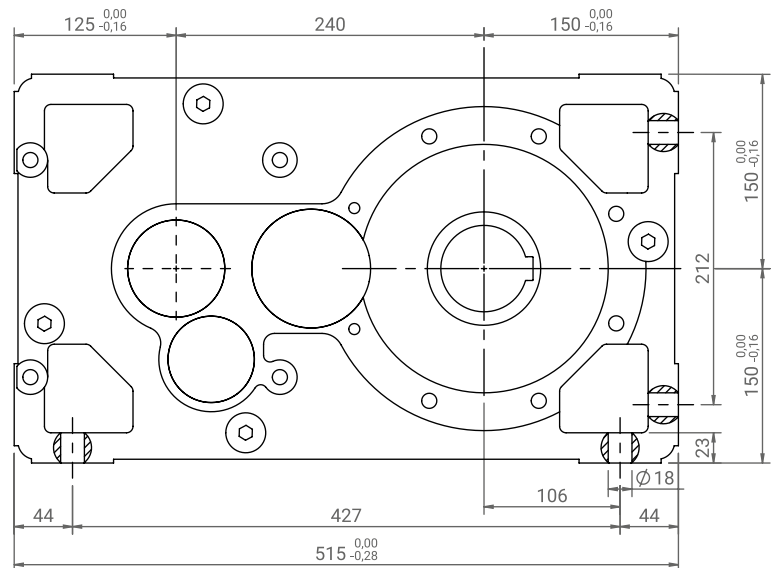
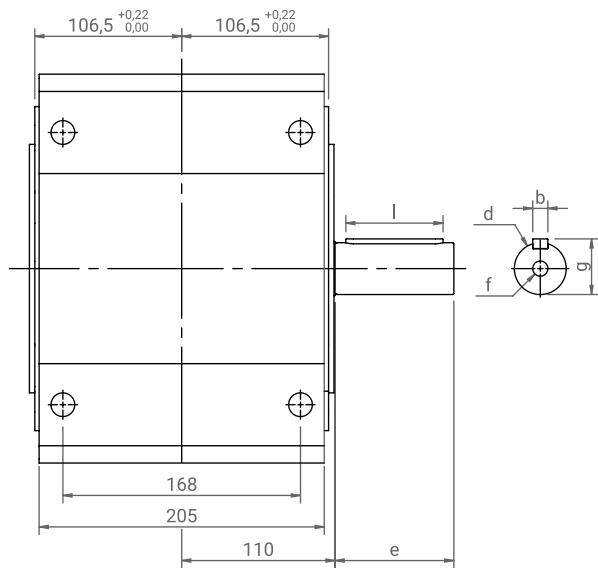
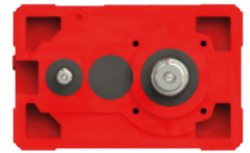


**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



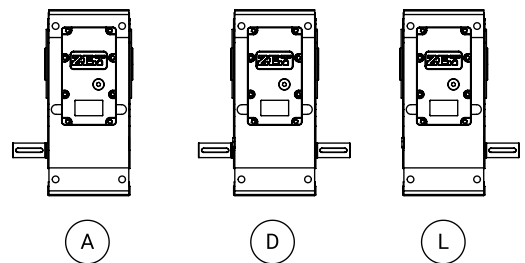
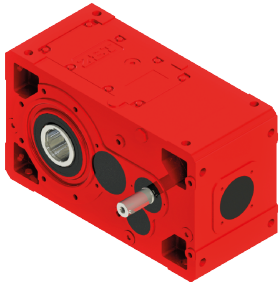
| HE 2125 Quantità olio OIL QUANTITIES (L) |    |    |    |    |    |
|------------------------------------------|----|----|----|----|----|
| M3                                       | M4 | M5 | M6 | M7 | M8 |
| 6                                        | 6  | 11 | 11 | 9  | 9  |

\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



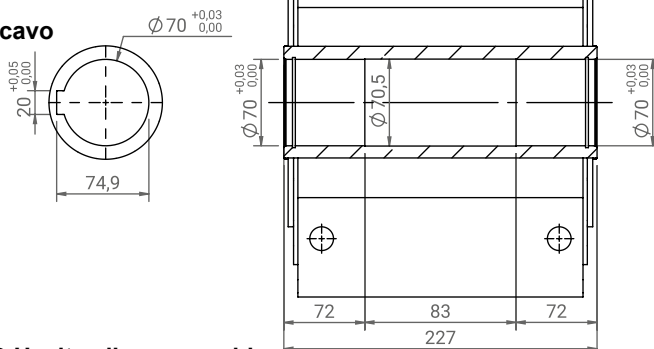
**Conf. albero ingresso**  
Input Shaft Configurations

|      | b  | d       | e  | g  | l  | f   |
|------|----|---------|----|----|----|-----|
| i>11 | 8  | 28 (j6) | 60 | 31 | 45 | M10 |
| i<11 | 10 | 32 (k6) | 80 | 35 | 70 | M12 |

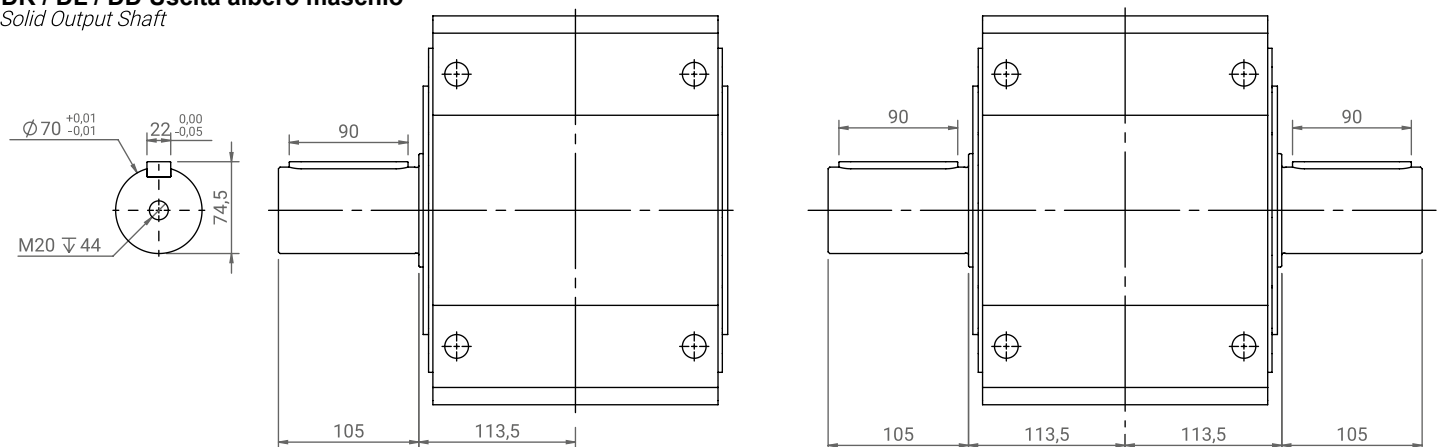


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft

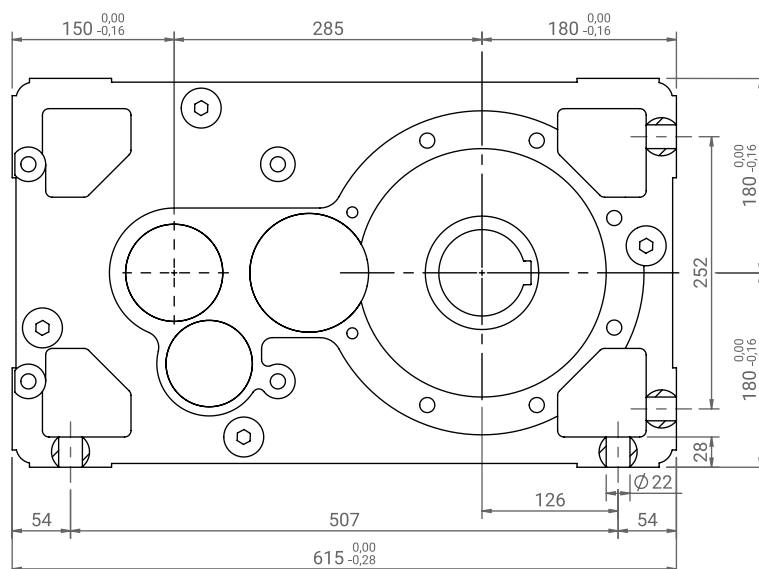
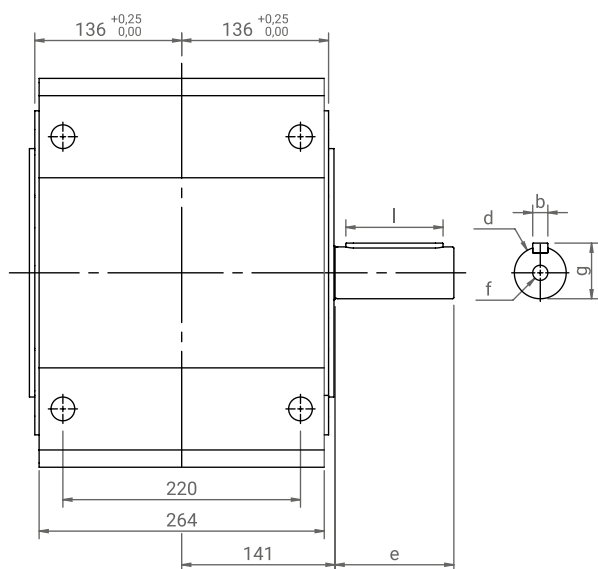


**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



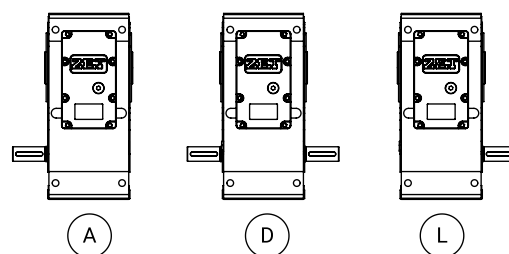
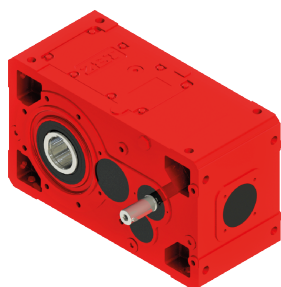


## Dimensioni / Dimension Sheets



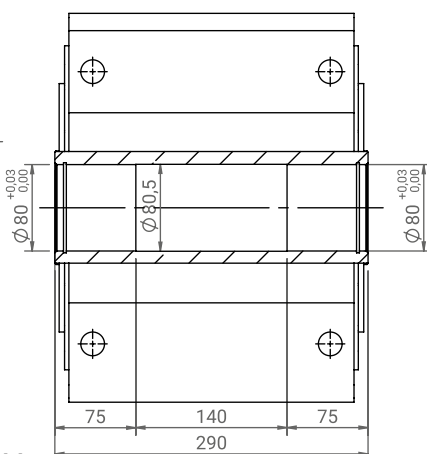
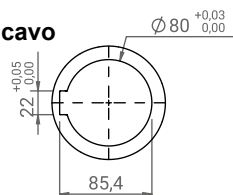
**Conf. albero ingresso**  
Input Shaft Configurations

|        | b  | d       | e   | g    | l  | f   |
|--------|----|---------|-----|------|----|-----|
| i>12,5 | 10 | 38 (k6) | 80  | 41   | 70 | M12 |
| i<12,5 | 14 | 48 (k6) | 110 | 51,5 | 90 | M16 |

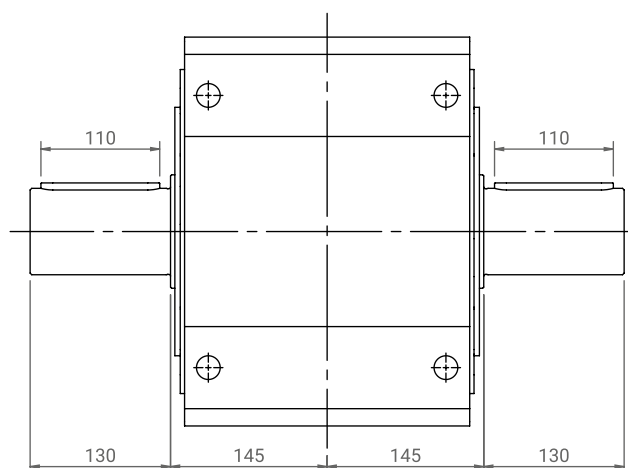
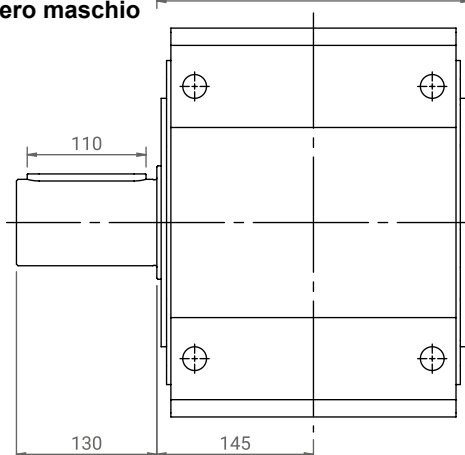
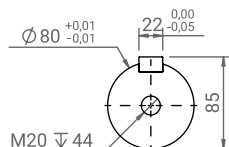


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft

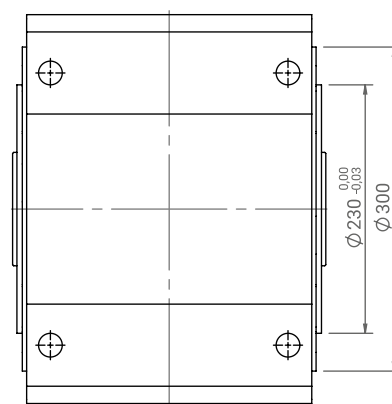
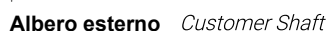




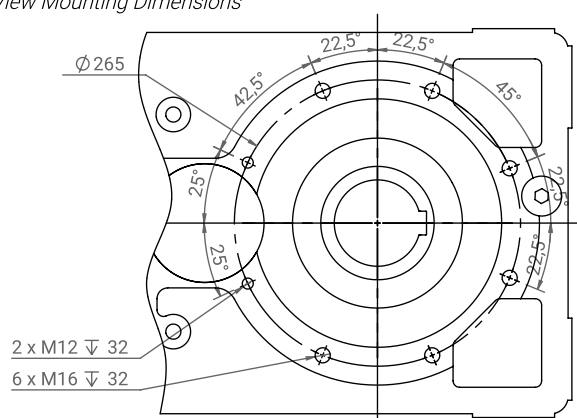
## Dimensioni / Dimension Sheets

### Output Shaft Configurations

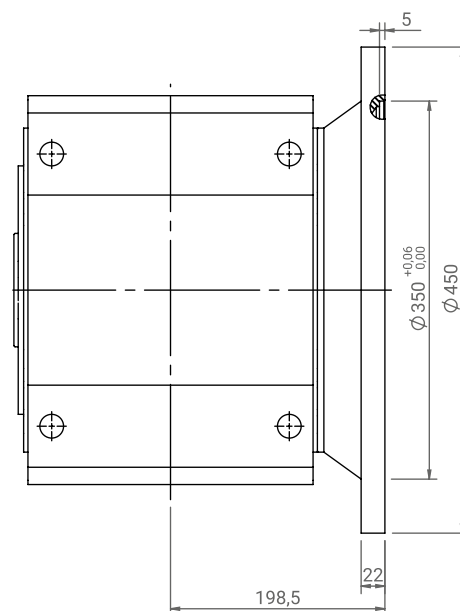
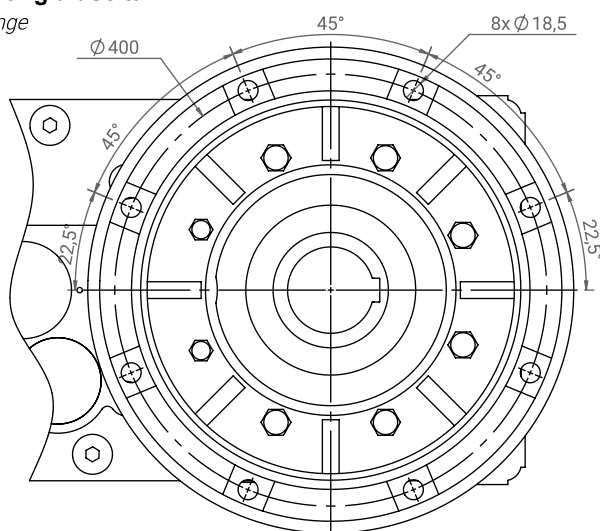
SR /SL



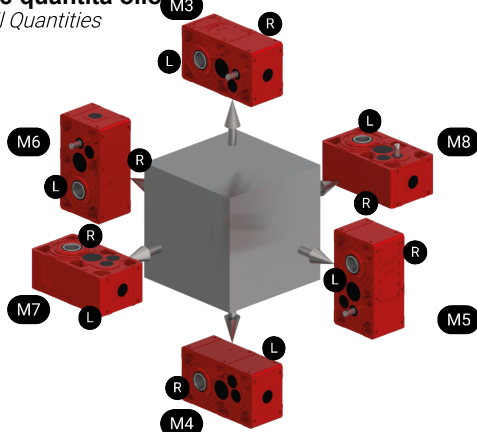
### Side View Mounting Dimensions



*Output Flange*



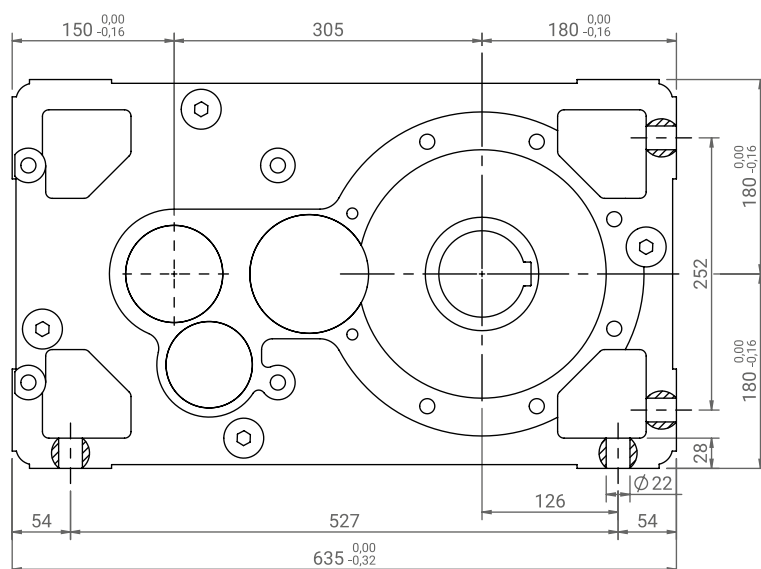
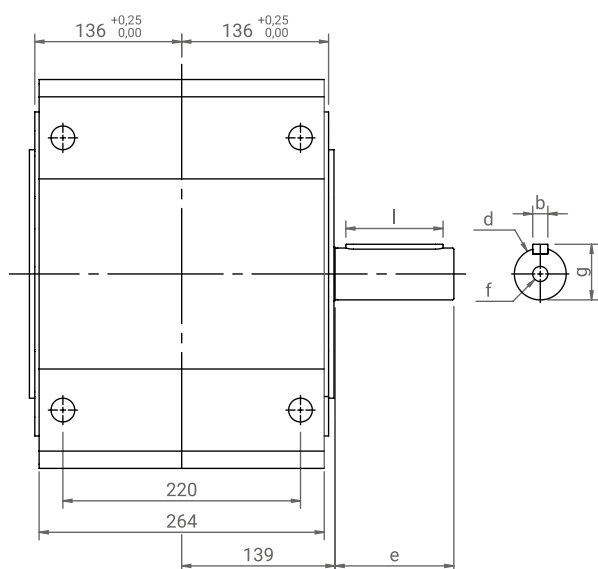
### Mounting Positions\* and Oil Quantities



| HE 2160 Quantità olio <i>OIL QUANTITIES</i> (L) |    |      |    |      |      |
|-------------------------------------------------|----|------|----|------|------|
| M3                                              | M4 | M5   | M6 | M7   | M8   |
| 14                                              | 14 | 20.5 | 19 | 21.5 | 21.5 |

**\*Posizione montaggio mostrate con configurazione HS**  
**\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION**

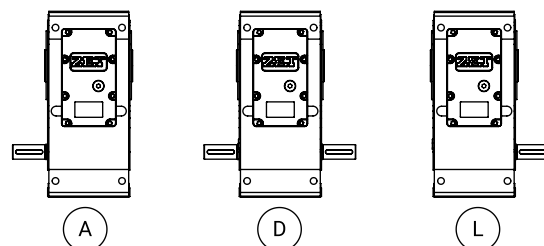
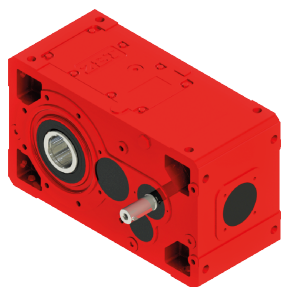




**Conf. albero ingresso**

Input Shaft Configurations

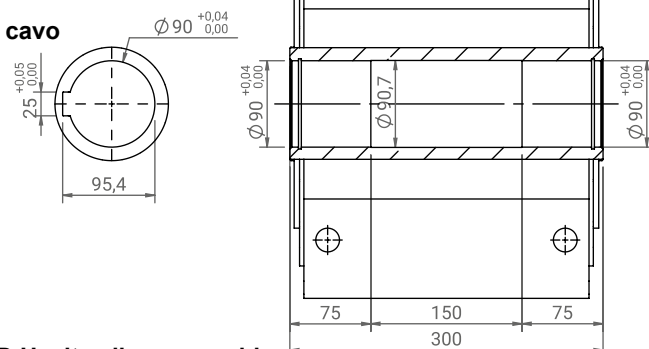
|        | b  | d       | e   | g    | l  | f   |
|--------|----|---------|-----|------|----|-----|
| i>16,5 | 10 | 38 (k6) | 80  | 41   | 70 | M12 |
| i<16,5 | 14 | 48 (k6) | 110 | 51,5 | 90 | M16 |



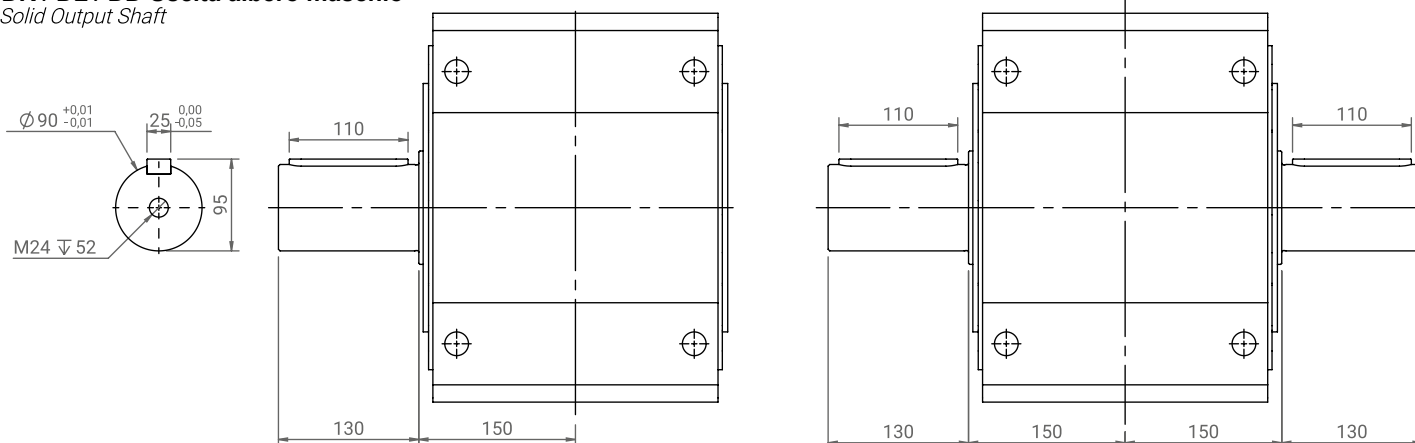
**Conf. Albero uscita**

Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



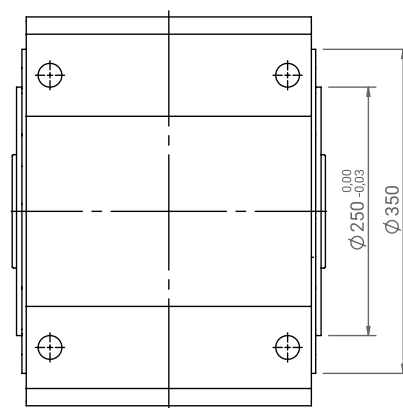
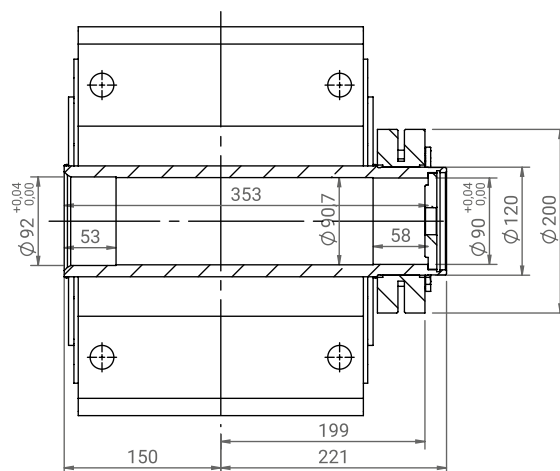
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



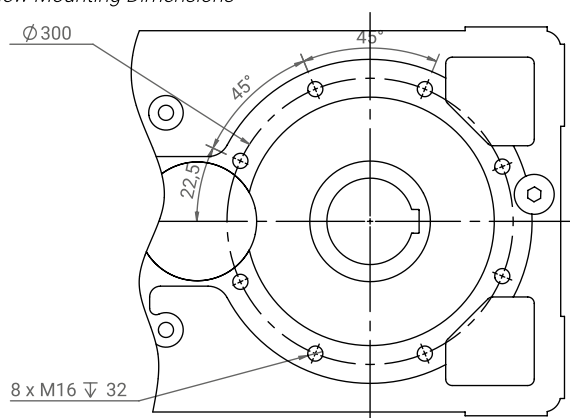


**Conf. Albero uscita**  
Output Shaft Configurations

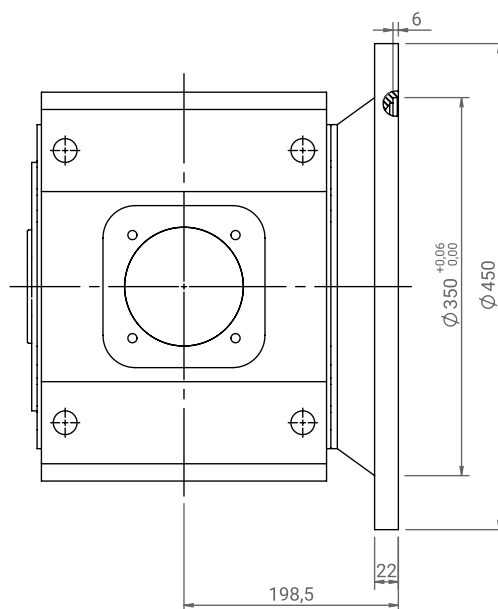
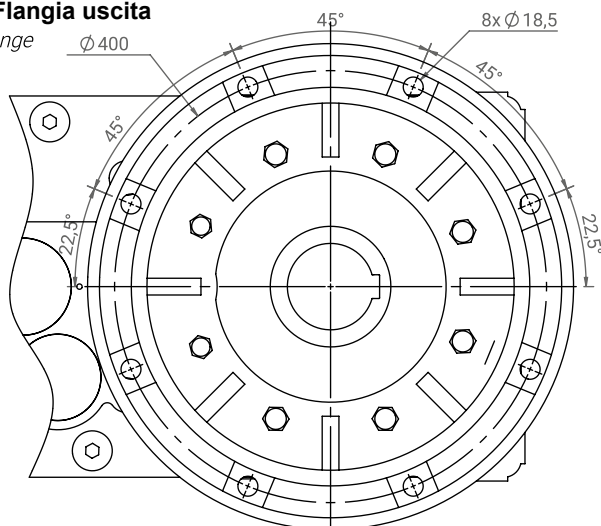
SR /SL



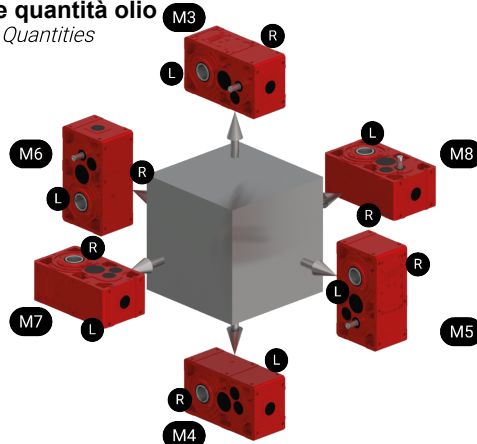
**Dimensioni montaggio vista laterale**  
Side View Mounting Dimensions



**FR 450 / Flangia uscita**  
Output Flange

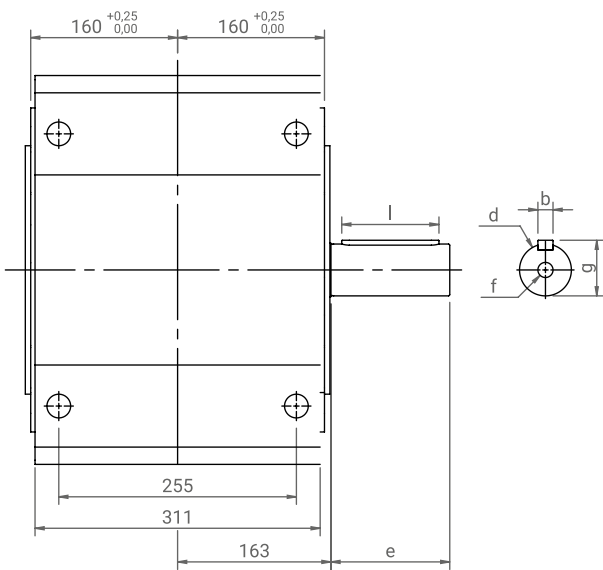
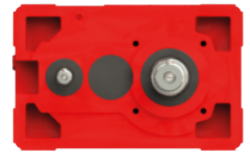


**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



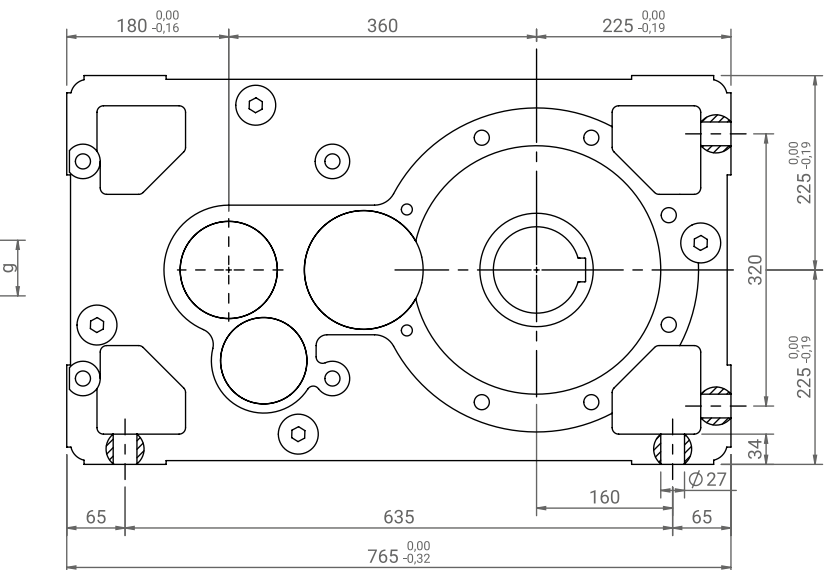
| HE 2180 Quantità olio OIL QUANTITIES (L) |    |    |    |    |      |
|------------------------------------------|----|----|----|----|------|
| M3                                       | M4 | M5 | M6 | M7 | M8   |
| 12                                       | 12 | 17 | 15 | 17 | 18,5 |

\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION

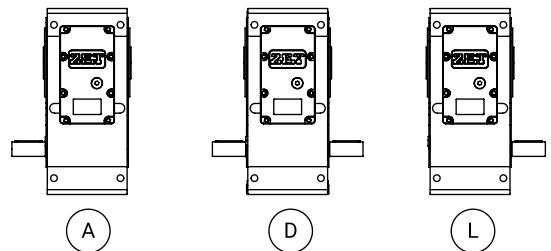
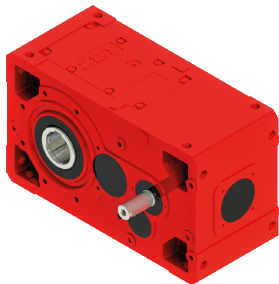


**Conf. albero ingresso**

*Input Shaft Configurations*



|      | b  | d       | e   | g    | l  | f   |
|------|----|---------|-----|------|----|-----|
| i>13 | 14 | 48 (k6) | 110 | 51,5 | 90 | M16 |
| i<13 | 16 | 55 (m6) | 110 | 59   | 90 | M20 |

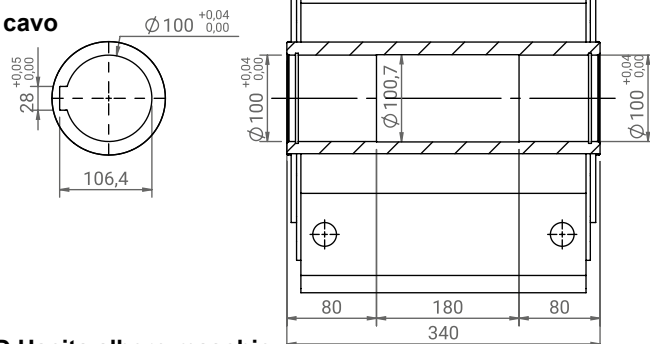


**Conf. Albero uscita**

*Output Shaft Configurations*

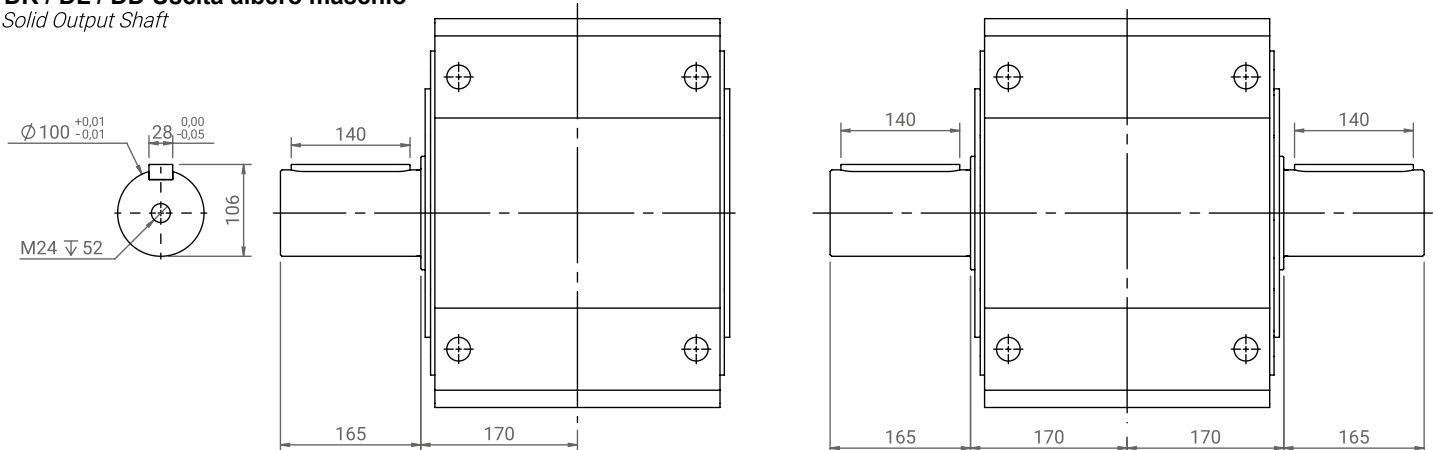
**HS / Albero cavo**

*Hollow Shaft*



**DR / DL / DD Uscita albero maschio**

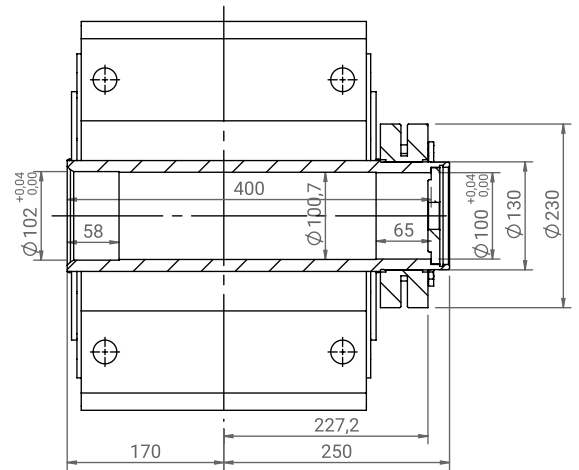
*Solid Output Shaft*



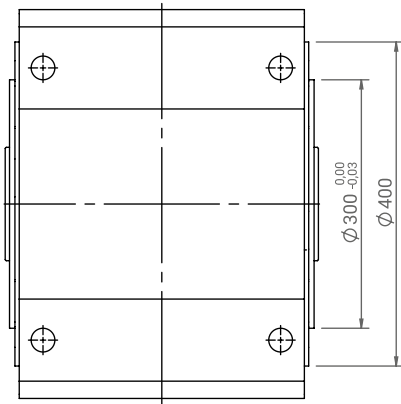
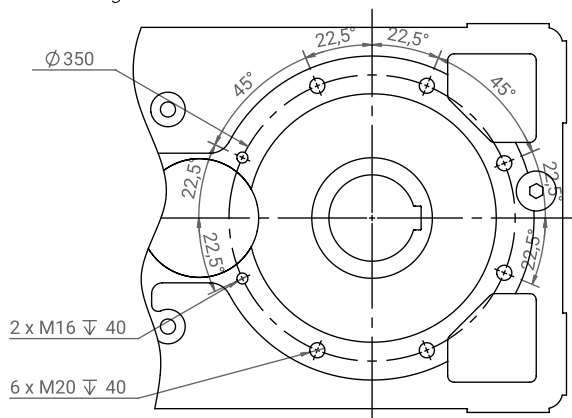


**Conf. Albero uscita**  
Output Shaft Configurations

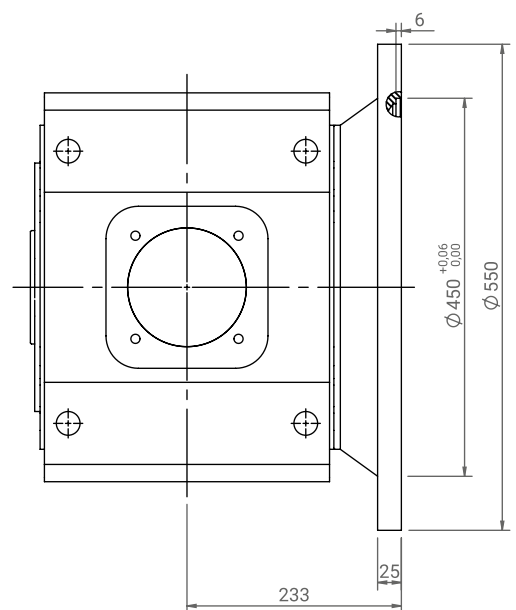
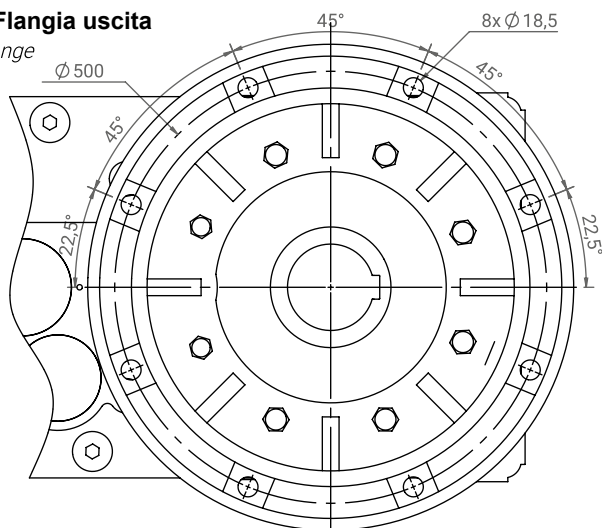
SR /SL



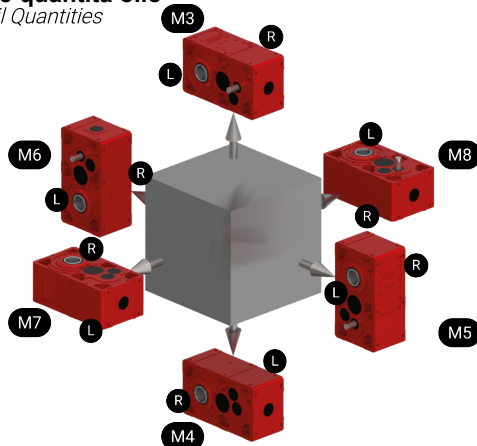
**Dimensioni montaggio vista laterale**  
Side View Mounting Dimensions



**FR 550 / Flangia uscita**  
Output Flange

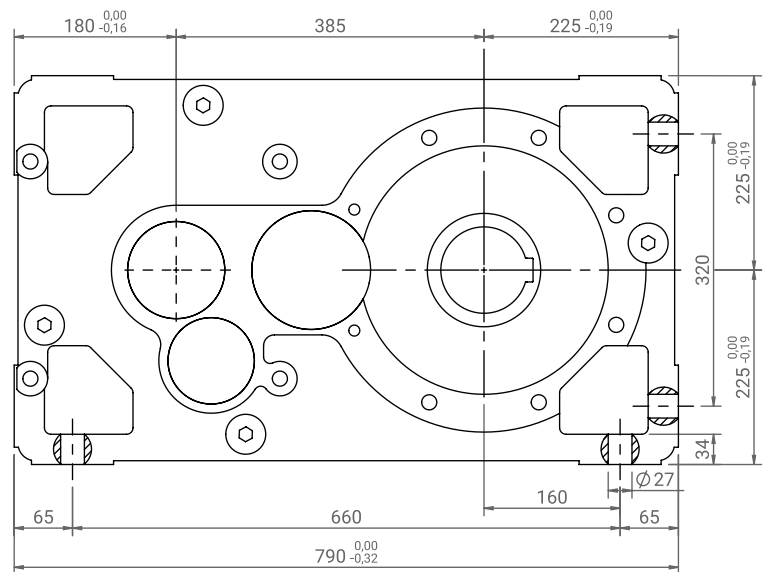
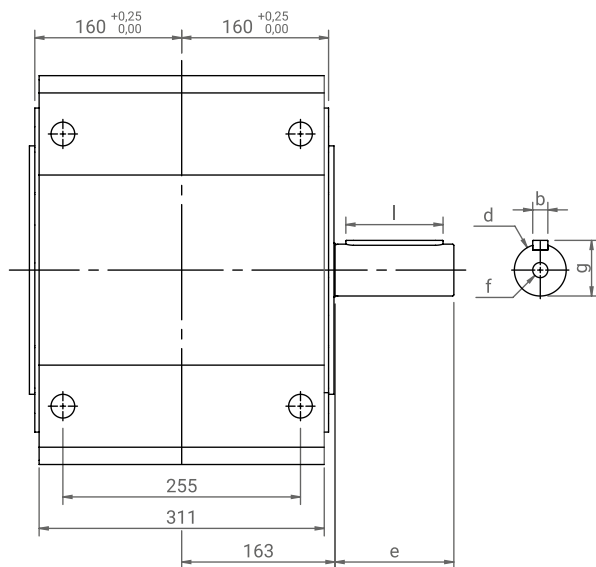
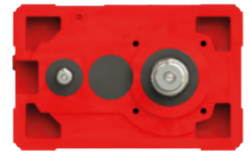


**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



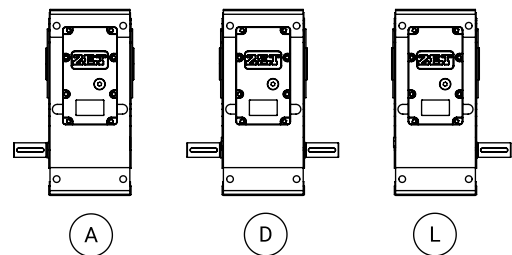
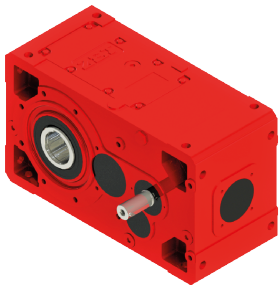
| HE 2200 Quantità olio OIL QUANTITIES (L) |    |    |    |    |    |
|------------------------------------------|----|----|----|----|----|
| M3                                       | M4 | M5 | M6 | M7 | M8 |
| 29                                       | 29 | 40 | 44 | 42 | 42 |

\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



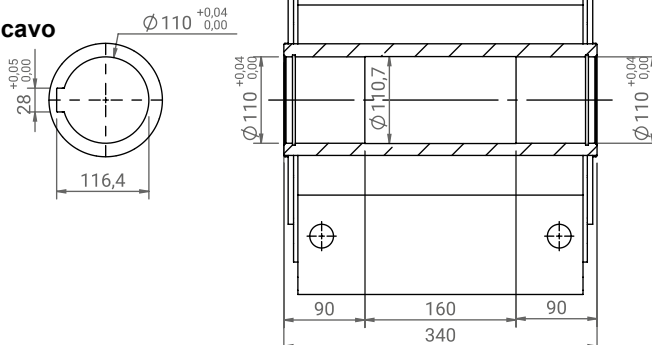
**Conf. albero ingresso**  
Input Shaft Configurations

|      | b  | d       | e   | g    | l  | f   |
|------|----|---------|-----|------|----|-----|
| i>11 | 14 | 48 (k6) | 110 | 51,5 | 90 | M16 |
| i<11 | 16 | 55 (m6) | 110 | 59   | 90 | M20 |

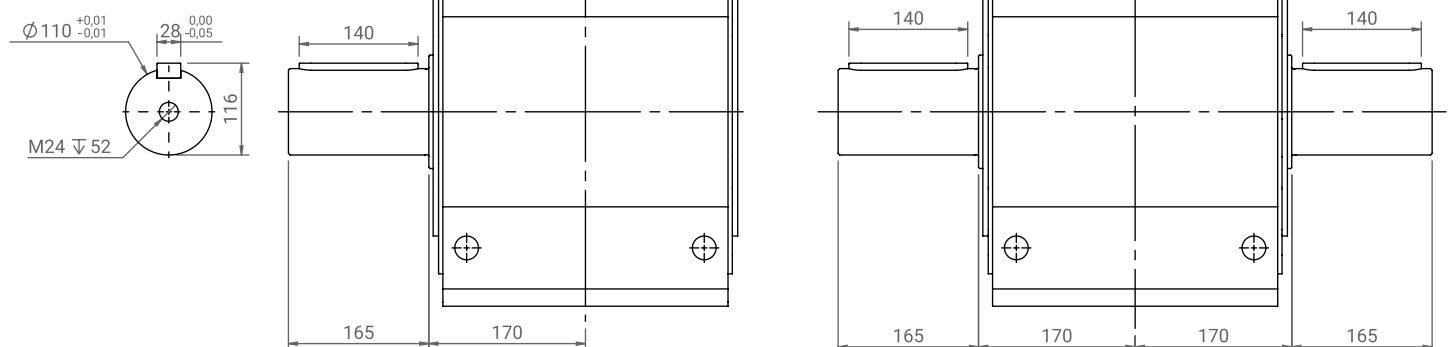


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



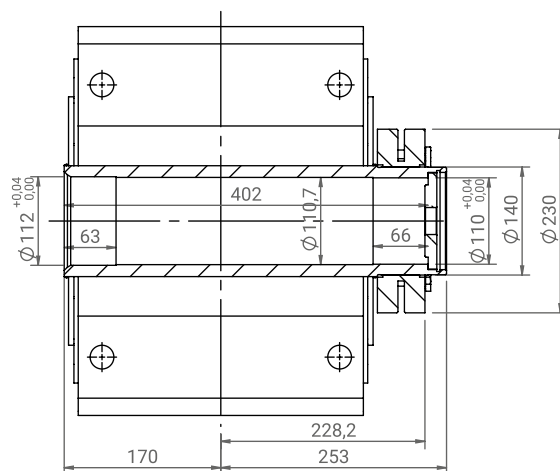
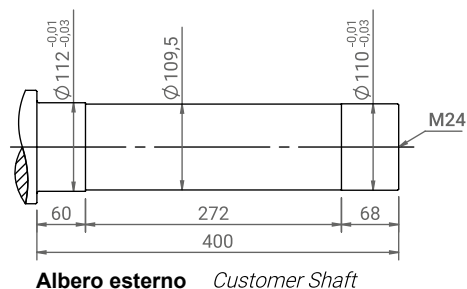
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



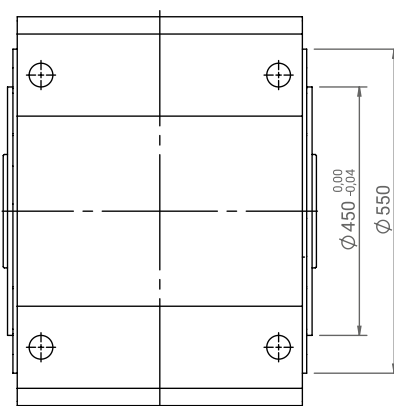
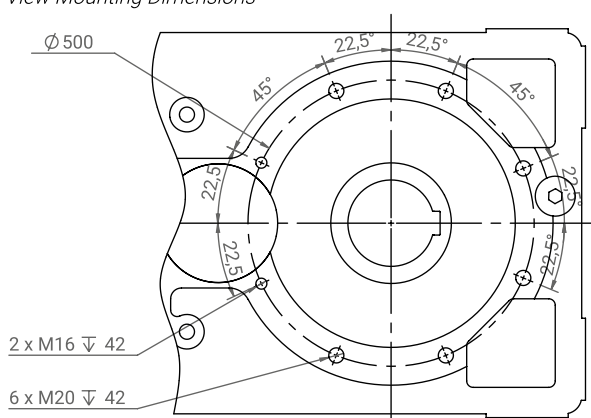


**Conf. Albero uscita**  
Output Shaft Configurations

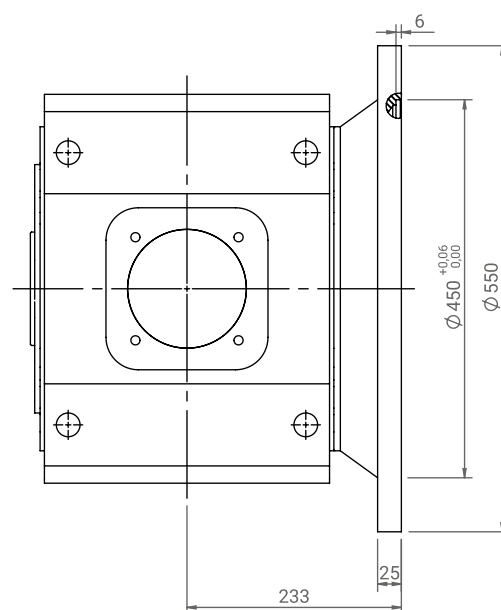
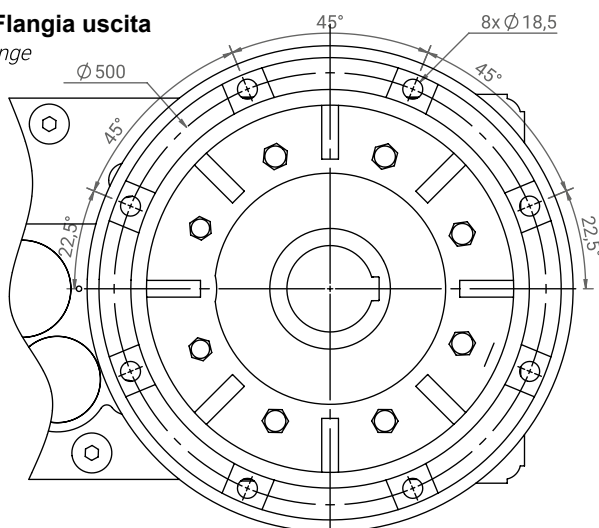
SR /SL



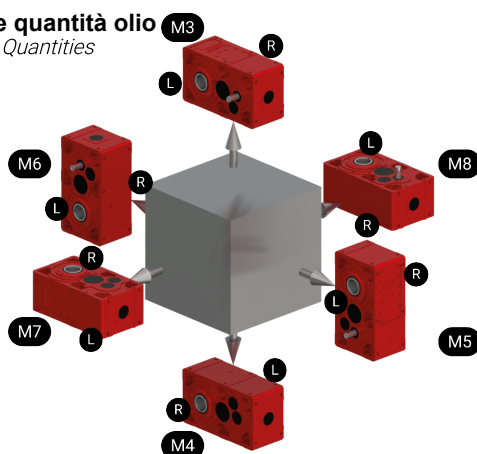
**Dimensioni montaggio vista laterale**  
Side View Mounting Dimensions



**FR 550 / Flangia uscita**  
Output Flange

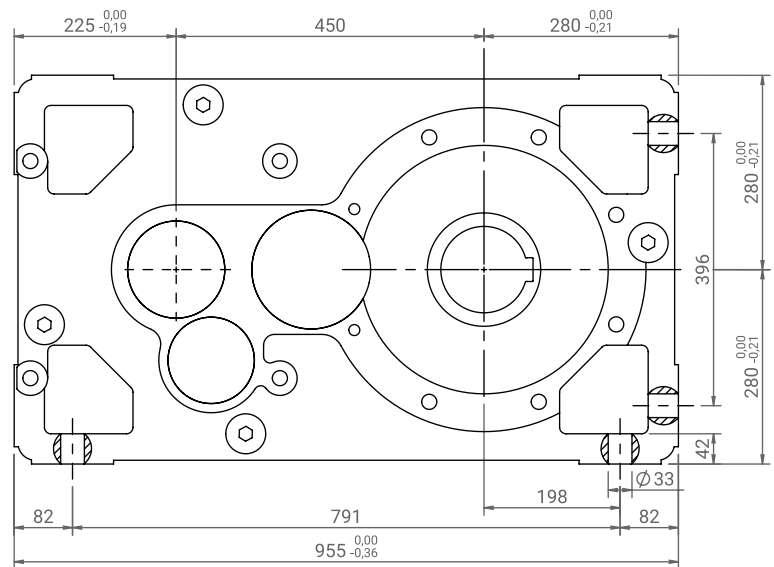
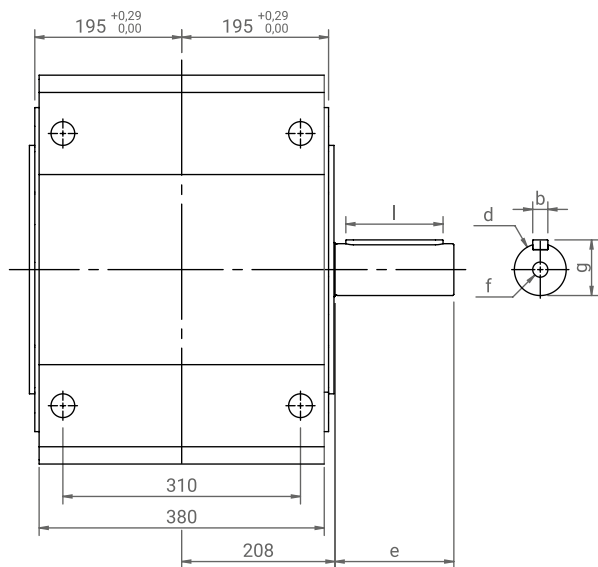
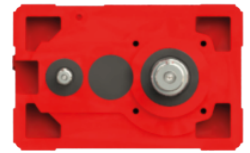


**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



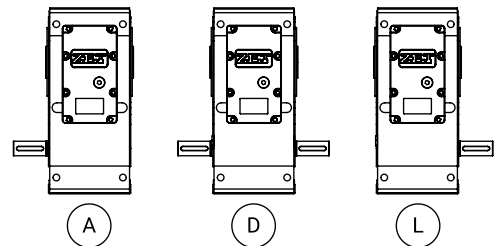
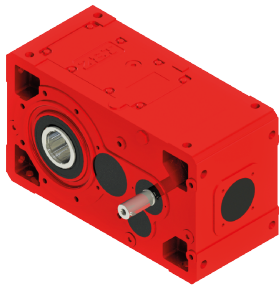
| HE 2225 Quantità olio OIL QUANTITIES (L) |    |    |    |    |    |
|------------------------------------------|----|----|----|----|----|
| M3                                       | M4 | M5 | M6 | M7 | M8 |
| 29                                       | 29 | 42 | 43 | 4  | 41 |

\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



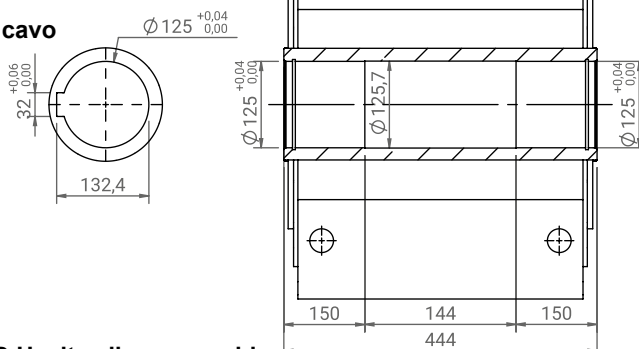
**Conf. albero ingresso**  
Input Shaft Configurations

|        | b  | d       | e   | g    | l   | f   |
|--------|----|---------|-----|------|-----|-----|
| i>10,2 | 18 | 60 (m6) | 140 | 64   | 110 | M20 |
| i<10,2 | 20 | 70 (m6) | 140 | 74,5 | 120 | M20 |

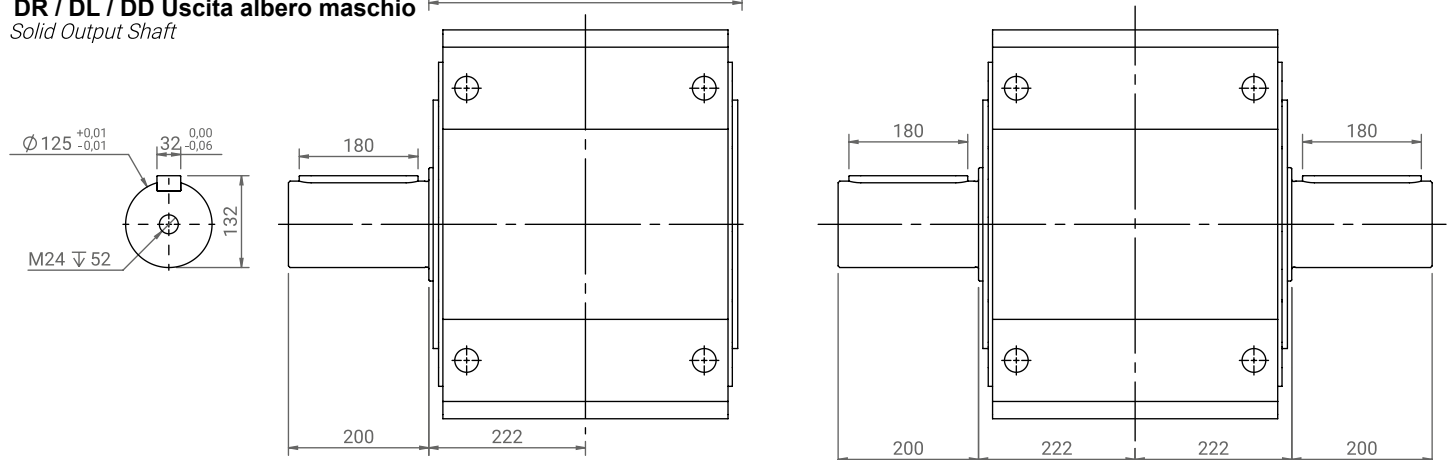


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft

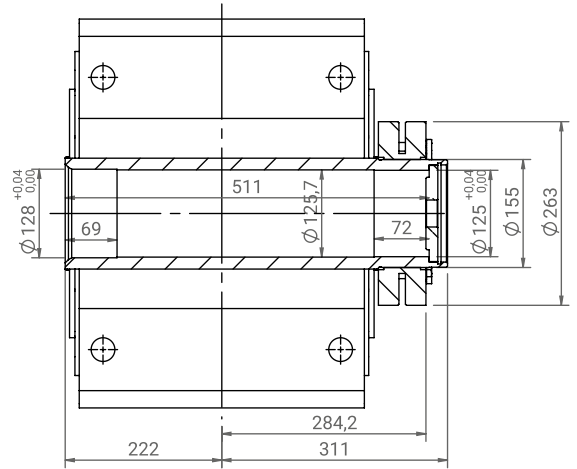




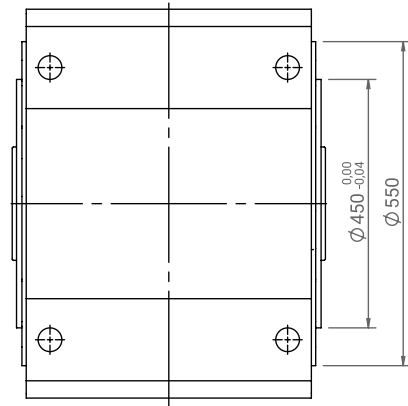
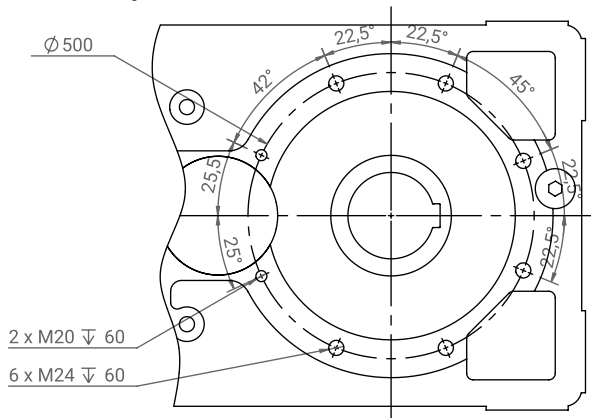


**Conf. Albero uscita**  
Output Shaft Configurations

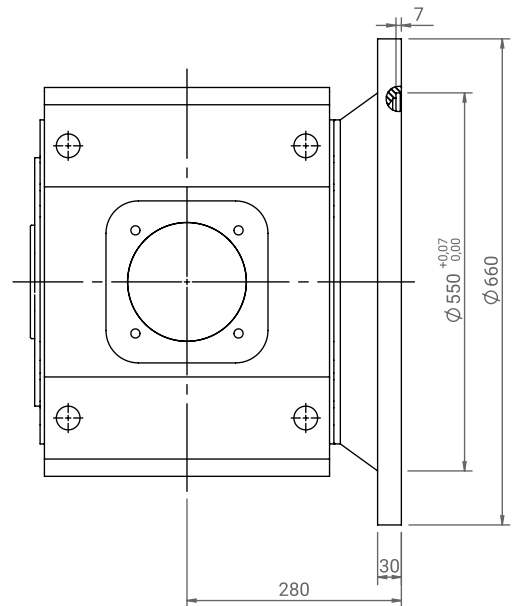
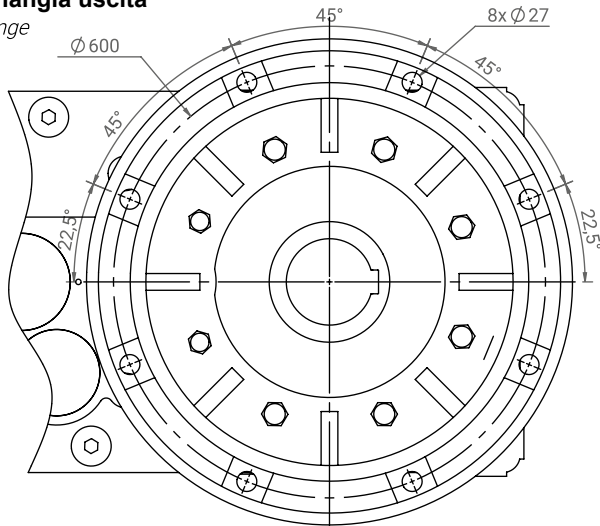
SR /SL



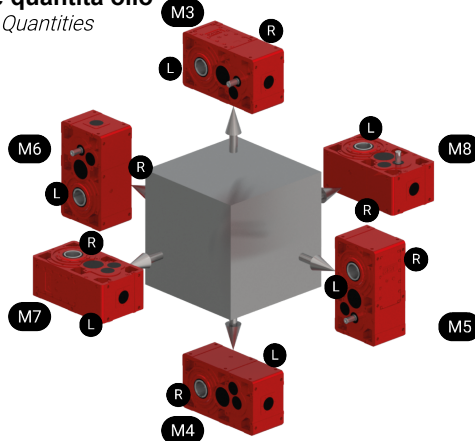
**Dimensioni montaggio vista laterale**  
Side View Mounting Dimensions



**FR 660 / Flangia uscita**  
Output Flange

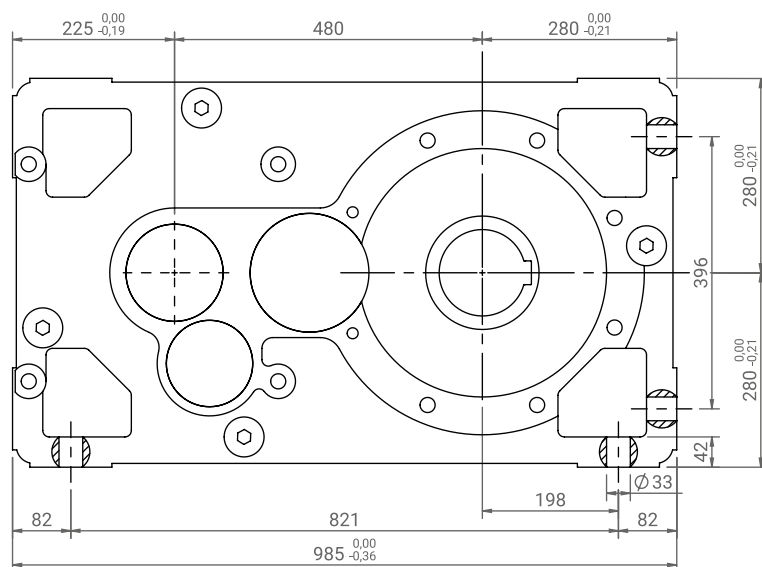
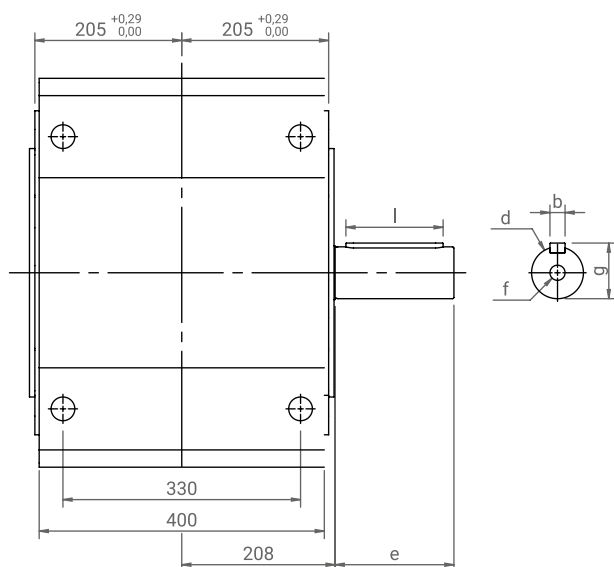


**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities

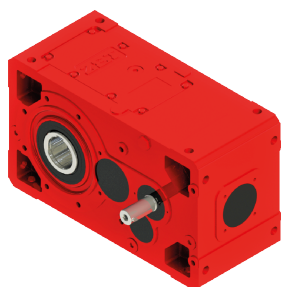


| HE 2250 Quantità olio OIL QUANTITIES (L) |    |    |    |    |    |
|------------------------------------------|----|----|----|----|----|
| M3                                       | M4 | M5 | M6 | M7 | M8 |
| 56                                       | 56 | 80 | 84 | 83 | 81 |

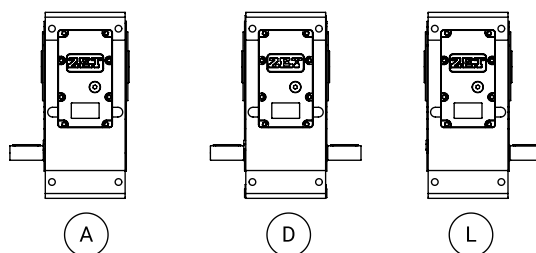
\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



### Conf. albero ingresso



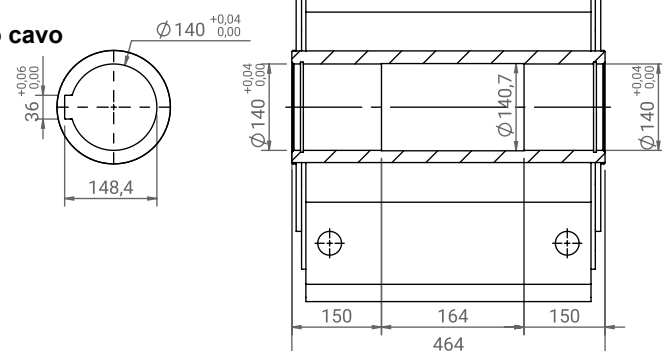
|      | b  | d       | e   | g    | l   | f   |
|------|----|---------|-----|------|-----|-----|
| i>15 | 18 | 60 (m6) | 140 | 64   | 110 | M20 |
| i<15 | 20 | 70 (m6) | 140 | 74.5 | 125 | M20 |



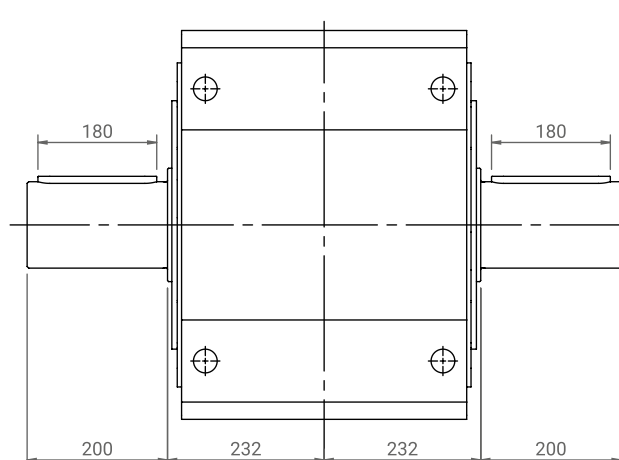
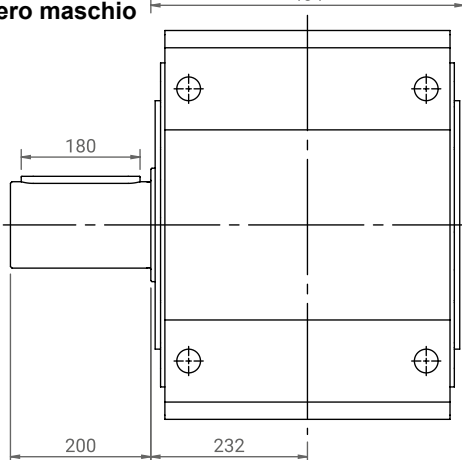
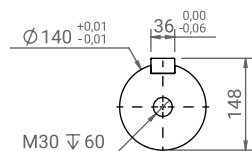
### Conf. Albergo uscita

*Output Shaft Configurations*

**HS / Albero cavo**  
*Hollow Shaft*



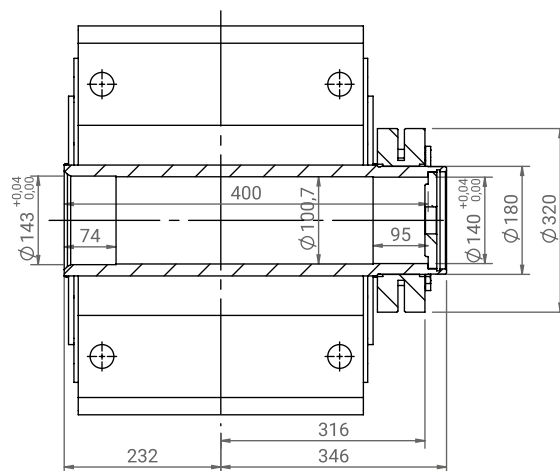
**DR / DL / DD Uscita albero maschio**  
*Solid Output Shaft*



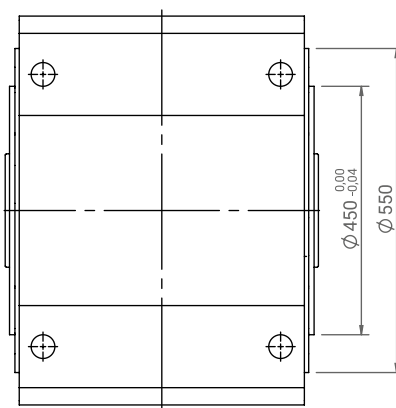
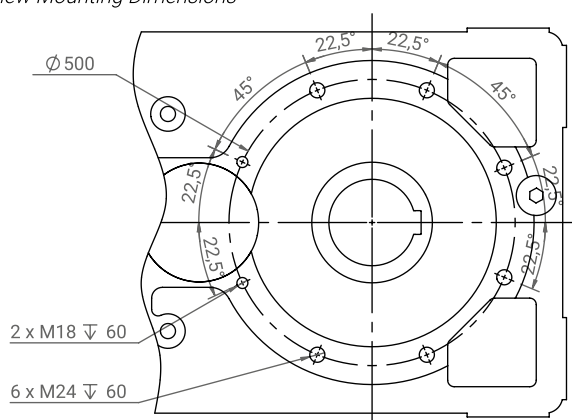


**Conf. Albero uscita**  
Output Shaft Configurations

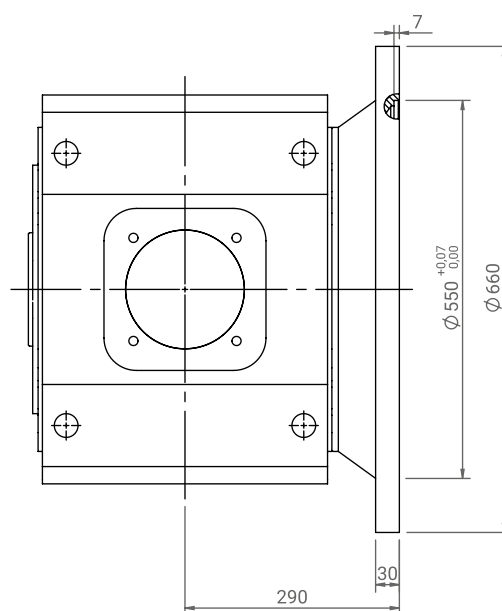
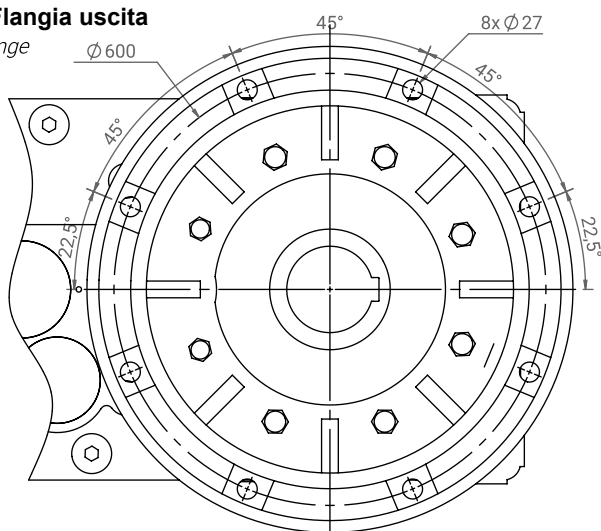
SR /SL



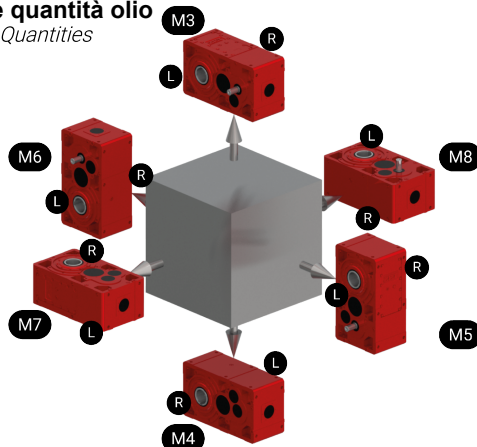
**Dimensioni montaggio vista laterale**  
Side View Mounting Dimensions



**FR 660 / Flangia uscita**  
Output Flange

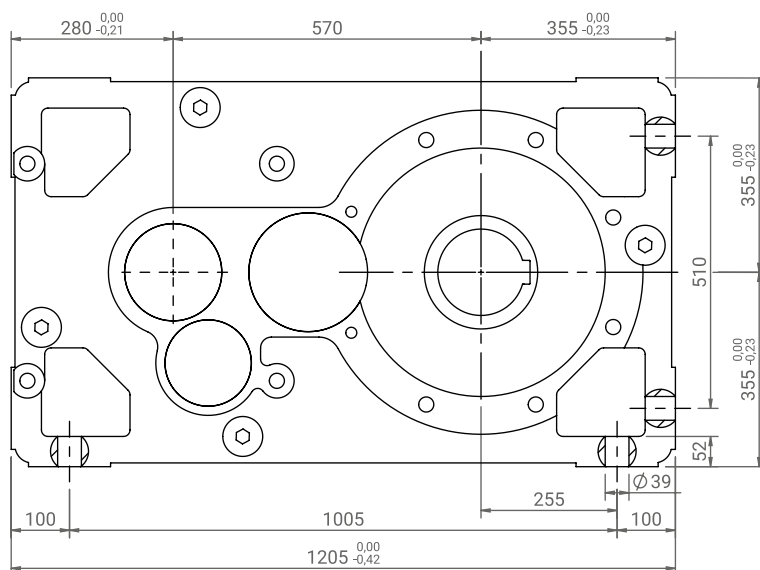
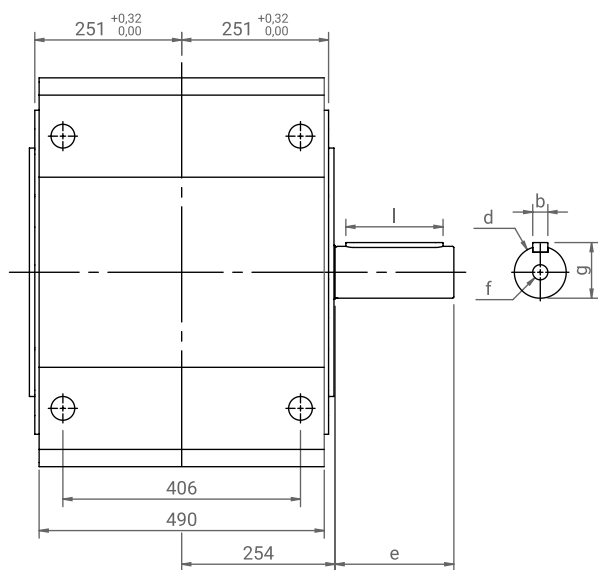


**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities

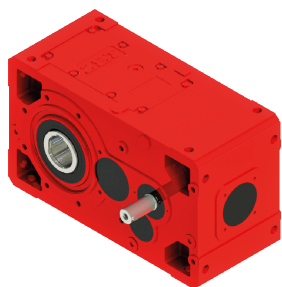


| HE 2280 Quantità olio OIL QUANTITIES (L) |    |    |    |    |    |
|------------------------------------------|----|----|----|----|----|
| M3                                       | M4 | M5 | M6 | M7 | M8 |
| 58                                       | 58 | 85 | 86 | 85 | 83 |

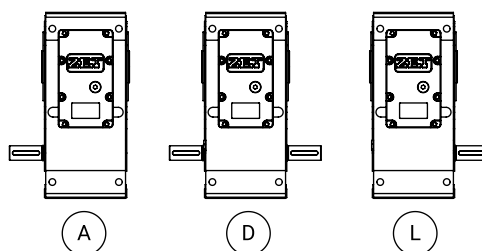
\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



**Conf. albero ingresso**  
Input Shaft Configurations

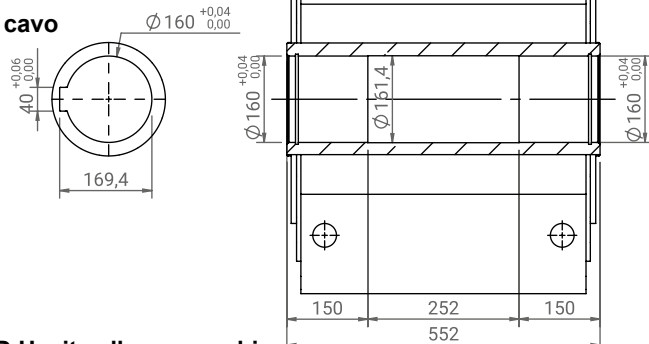


|      | b  | d        | e   | g    | l   | f   |
|------|----|----------|-----|------|-----|-----|
| i>10 | 20 | 75 (m6)  | 140 | 79,5 | 125 | M20 |
| i<10 | 28 | 100 (m6) | 210 | 106  | 180 | M24 |

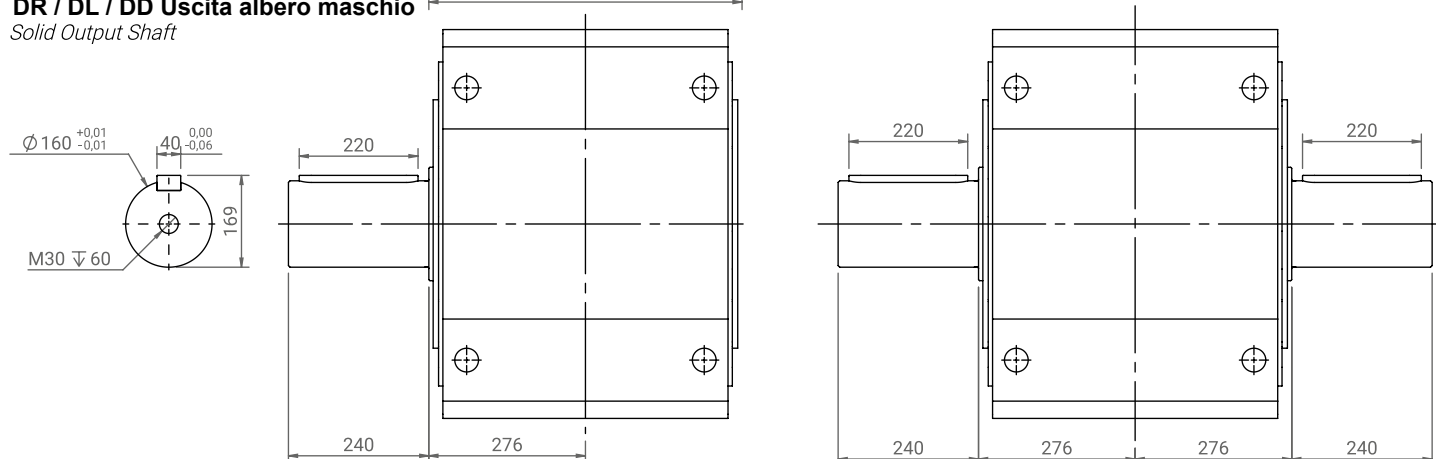


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



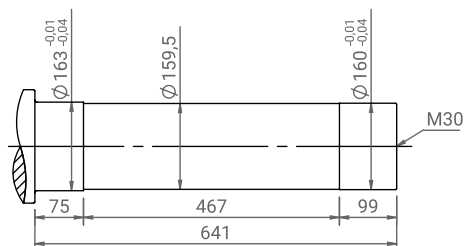
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



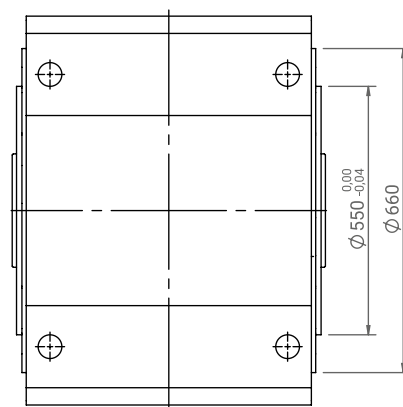
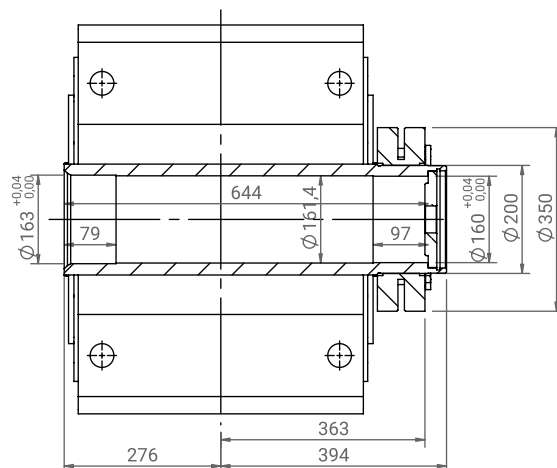


**Conf. Albero uscita**  
Output Shaft Configurations

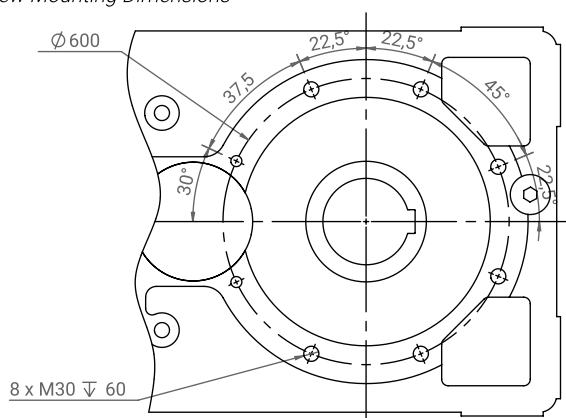
SR /SL



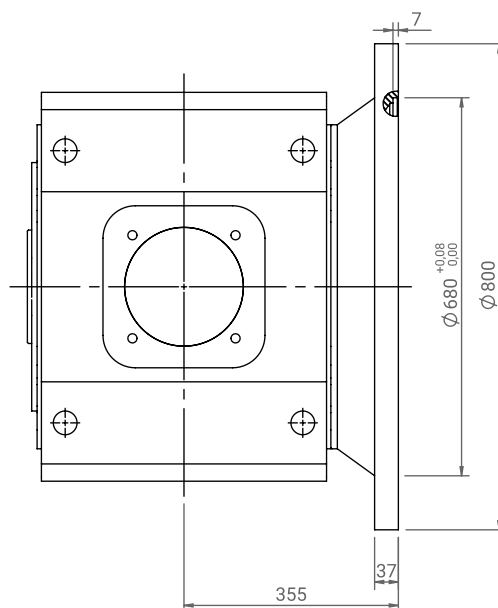
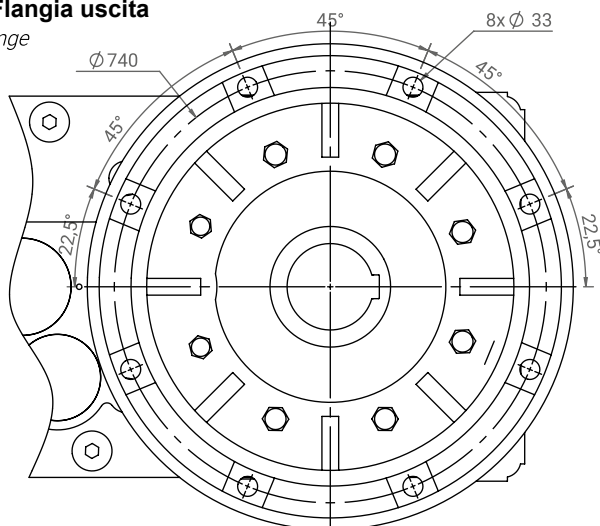
**Albero esterno** Customer Shaft



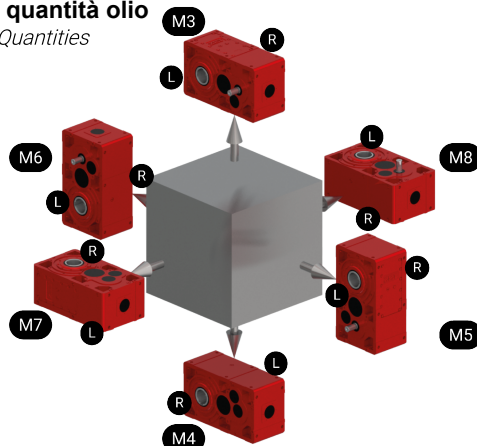
**Dimensioni montaggio vista laterale**  
Side View Mounting Dimensions



**FR 800 / Flangia uscita**  
Output Flange



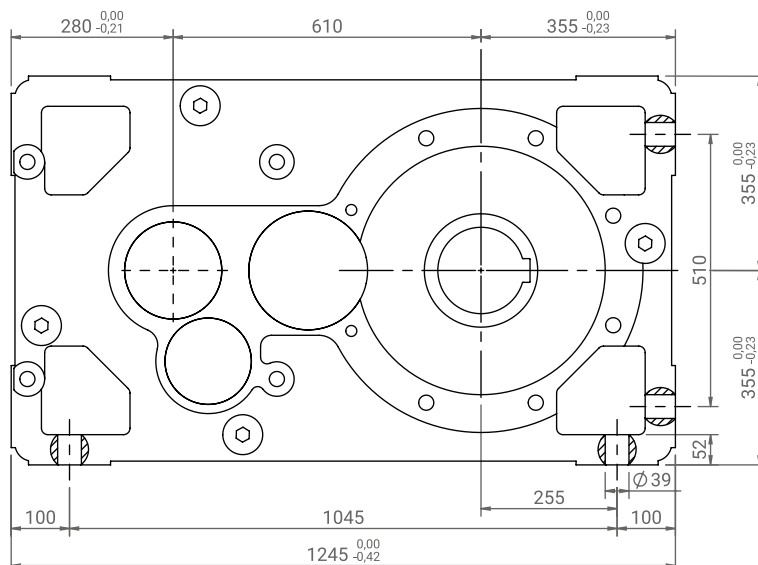
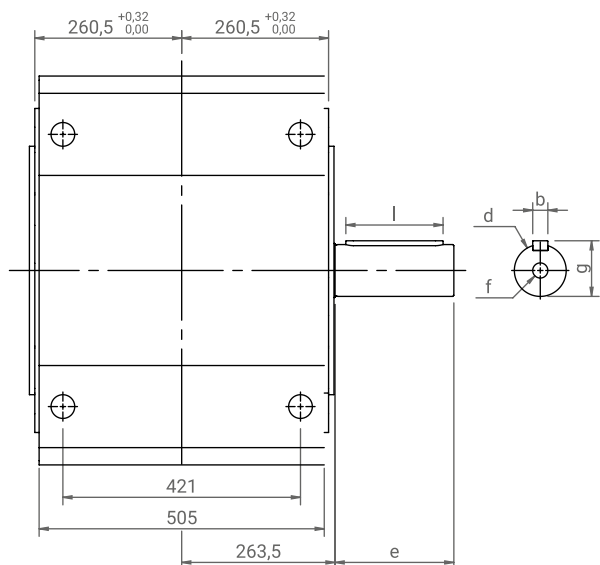
**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



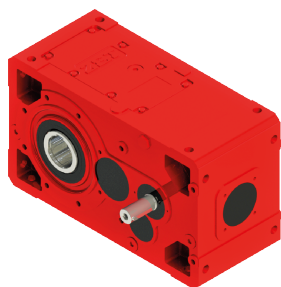
1282 Kg

| HE 2320 Quantità olio OIL QUANTITIES (L) |     |     |     |     |     |
|------------------------------------------|-----|-----|-----|-----|-----|
| M3                                       | M4  | M5  | M6  | M7  | M8  |
| 119                                      | 119 | 163 | 183 | 175 | 171 |

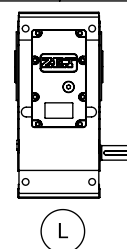
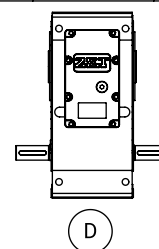
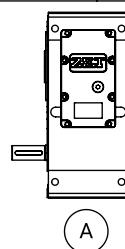
\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



**Conf. albero ingresso**  
Input Shaft Configurations

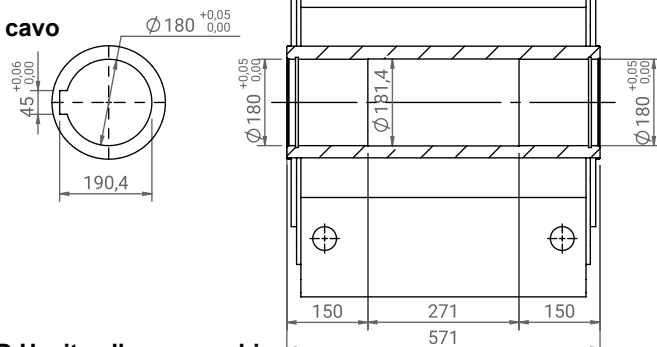


|        | b  | d        | e   | g    | l   | f   |
|--------|----|----------|-----|------|-----|-----|
| i>15,5 | 20 | 75 (m6)  | 140 | 79,5 | 125 | M20 |
| i<15,5 | 28 | 100 (m6) | 210 | 106  | 180 | M24 |

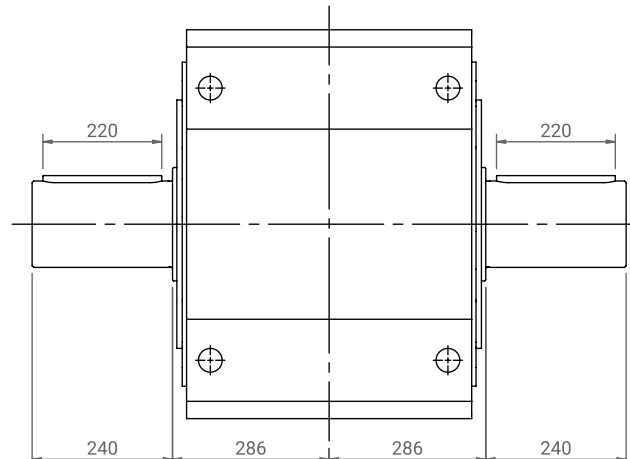
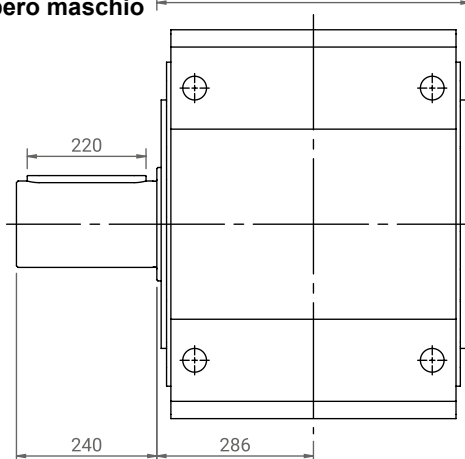
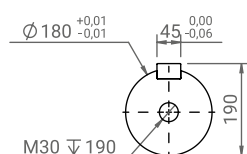


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



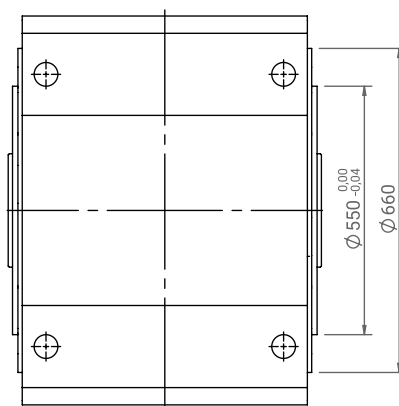
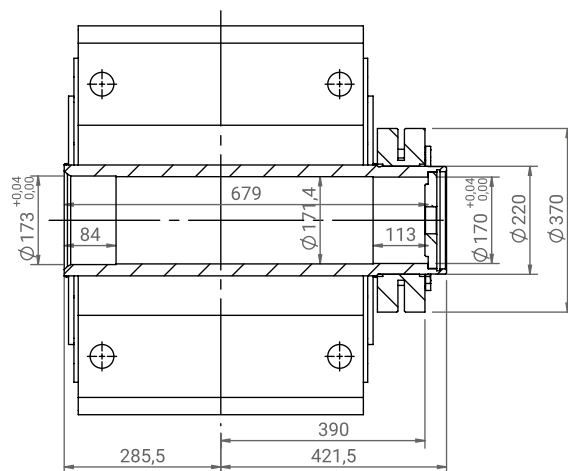
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



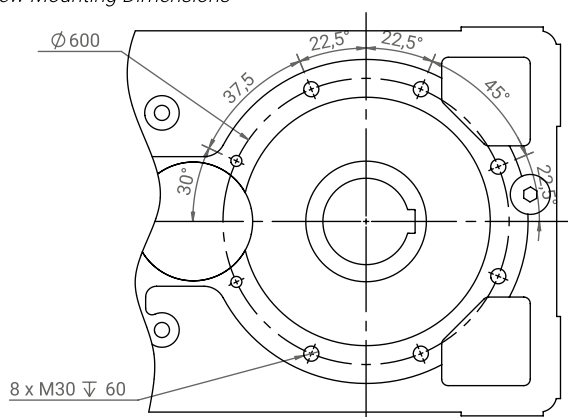


**Conf. Albero uscita**  
Output Shaft Configurations

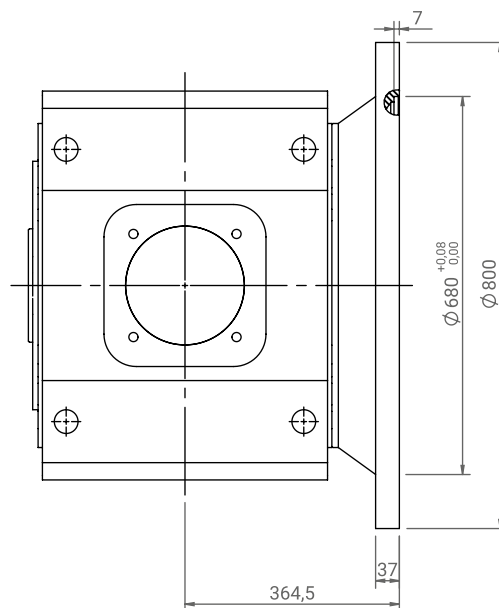
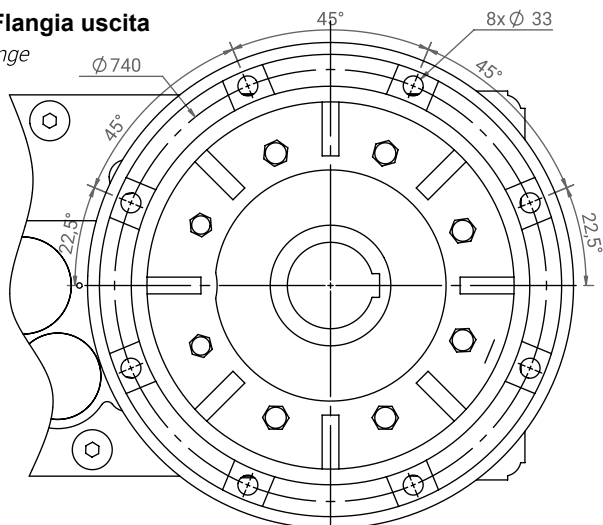
SR /SL



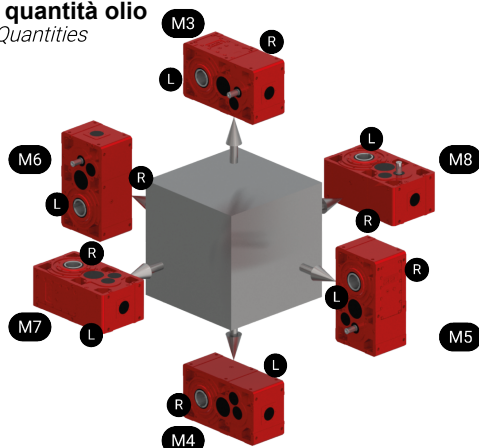
**Dimensioni montaggio vista laterale**  
Side View Mounting Dimensions



**FR 800 / Flangia uscita**  
Output Flange



**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities

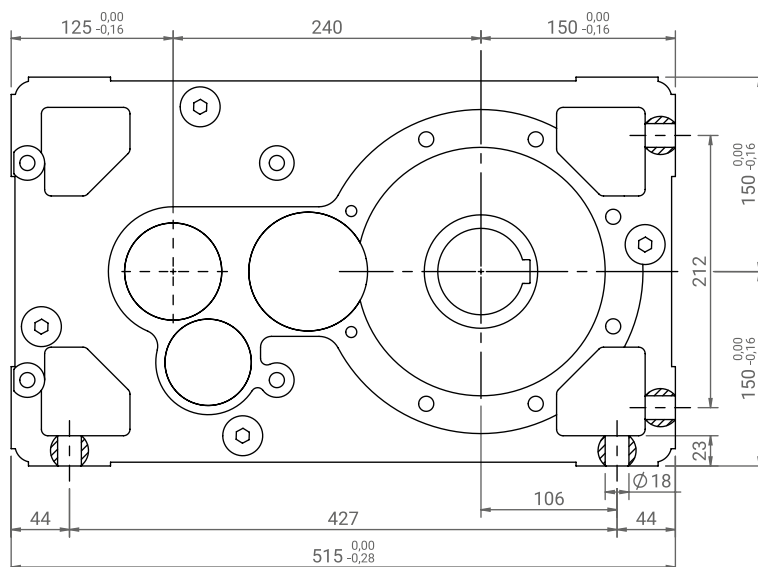
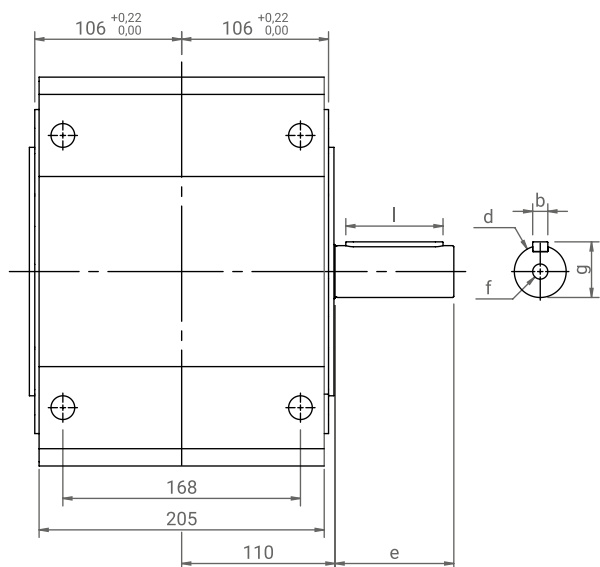


1490 Kg

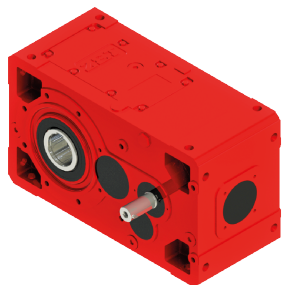
| HE 2360 Quantità olio OIL QUANTITIES (L) |     |     |     |     |     |
|------------------------------------------|-----|-----|-----|-----|-----|
| M3                                       | M4  | M5  | M6  | M7  | M8  |
| 115                                      | 115 | 171 | 171 | 165 | 156 |

\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION

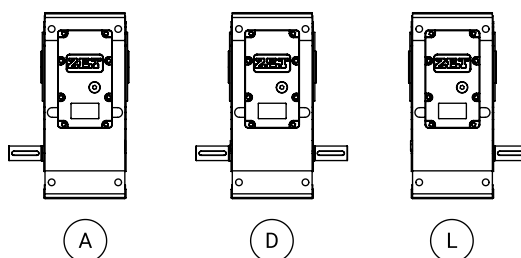




**Conf. albero ingresso**  
Input Shaft Configurations

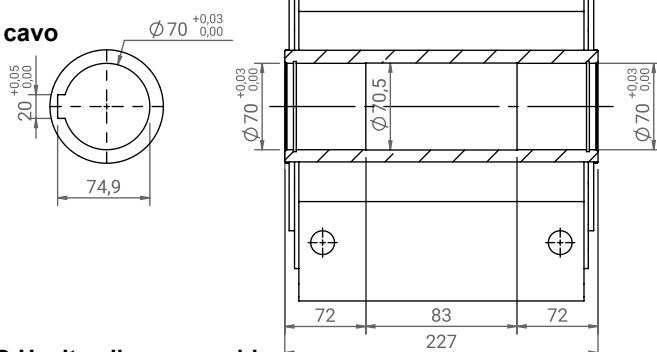


|      | b | d       | e  | g    | l  | f  |
|------|---|---------|----|------|----|----|
| i>68 | 6 | 19 (j6) | 40 | 21,5 | 36 | M6 |
| i<68 | 8 | 24 (j6) | 50 | 27   | 45 | M8 |

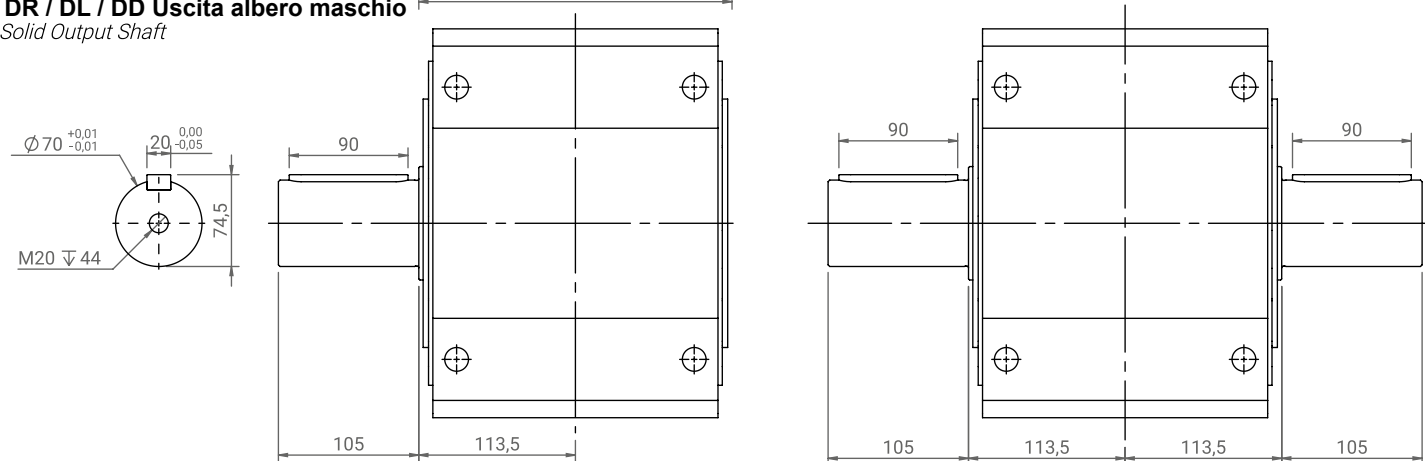


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft





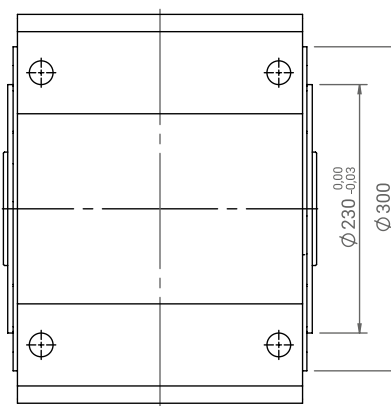
## Dimensioni / Dimension Sheets

### Conf. Alberto uscita

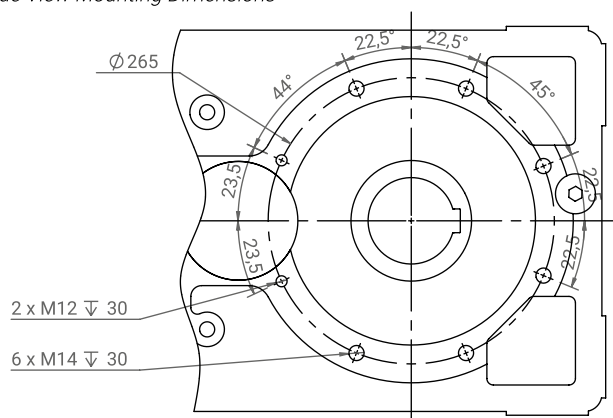
Technical drawing of a shaft with the following dimensions and tolerances:

- Left end:  $\varnothing 72_{-0.03}^{-0.01}$
- Second step:  $\varnothing 69,5$
- Third step:  $\varnothing 70_{-0.03}^{-0.01}$
- Right end: M20
- Lengths: 35, 184, 48, and total length 267.

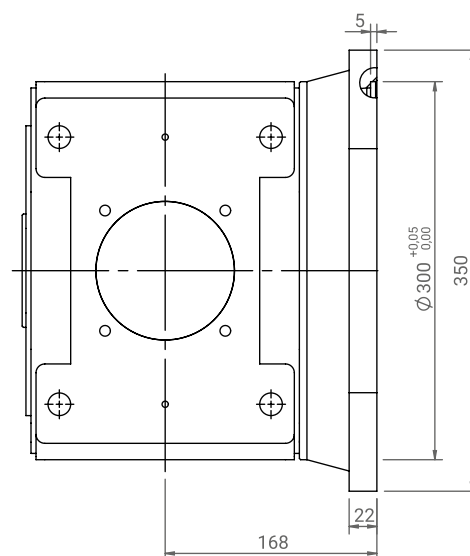
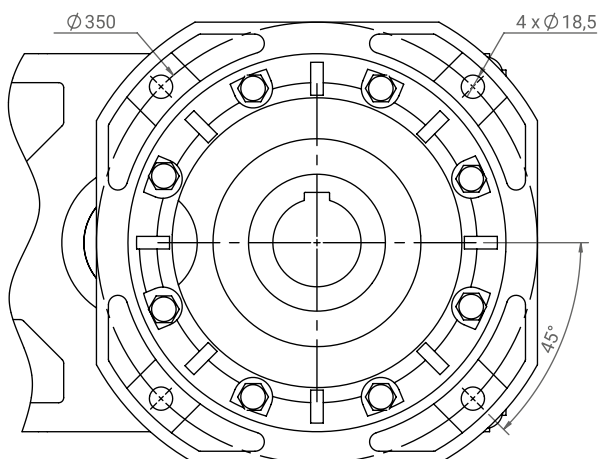
**Albero esterno**      *Customer Shaft*



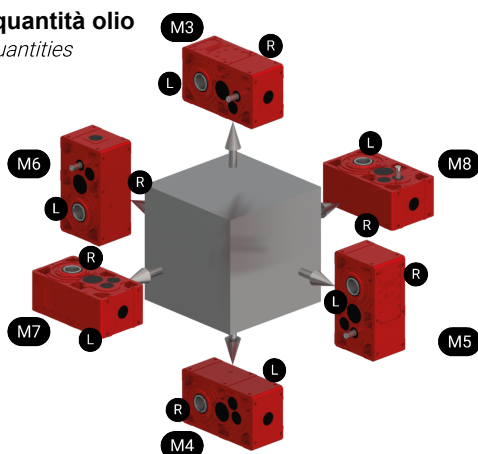
### Side View Mounting Dimensions



*Output Flange*



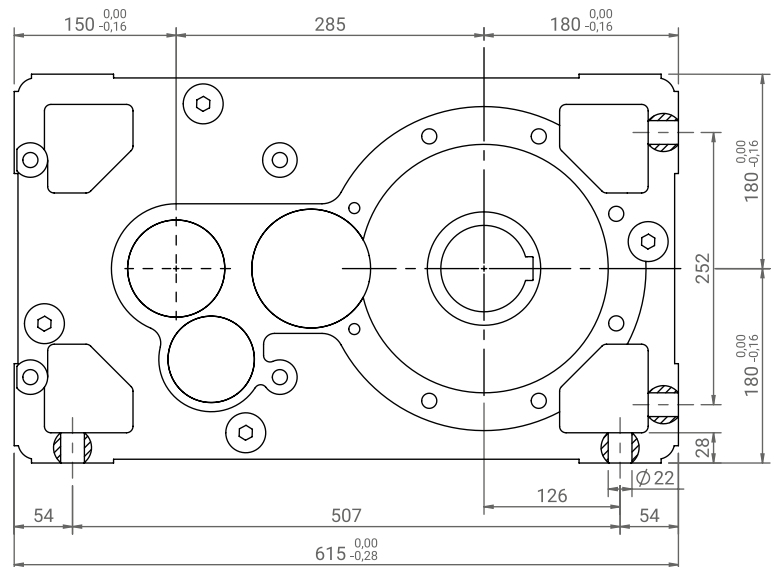
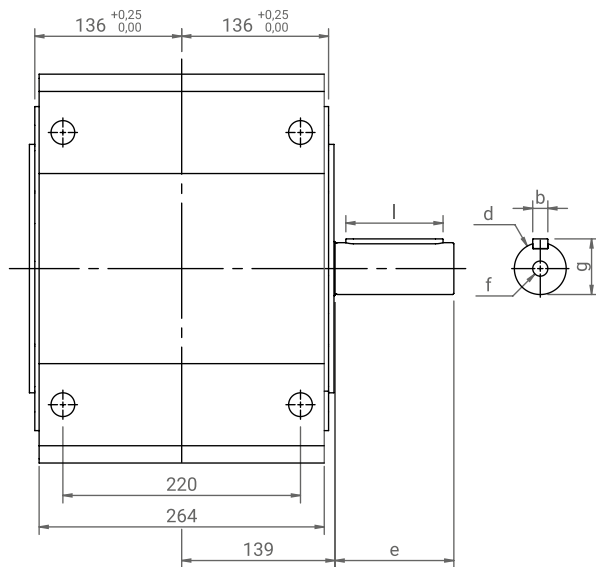
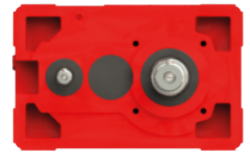
### Mounting Positions\* and Oil Quantities



115 Kg

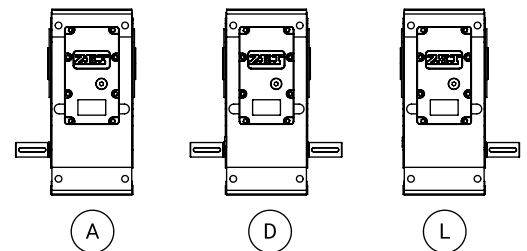
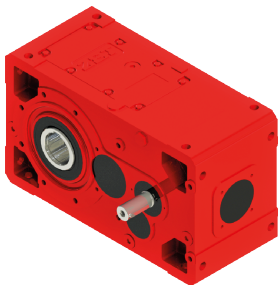
| HE 3140 Quantità olio <i>OIL QUANTITIES</i> (L) |     |      |      |      |      |
|-------------------------------------------------|-----|------|------|------|------|
| M3                                              | M4  | M5   | M6   | M7   | M8   |
| 8.7                                             | 8.7 | 11.4 | 11.5 | 11.2 | 11.1 |

**\*Posizione montaggio mostrate con configurazione HS**  
**\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION**



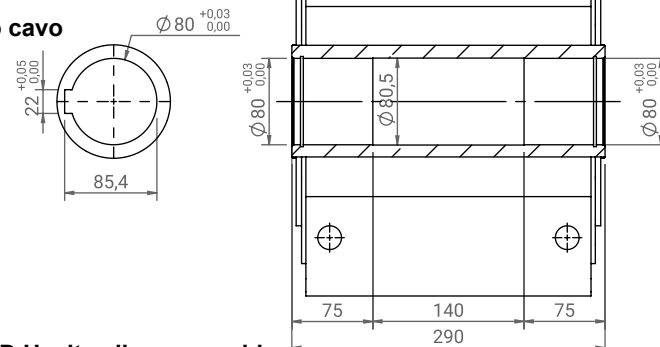
**Conf. albero ingresso**  
Input Shaft Configurations

|      | b | d       | e  | g  | l  | f   |
|------|---|---------|----|----|----|-----|
| i>76 | 8 | 24 (j6) | 50 | 27 | 45 | M8  |
| i<76 | 8 | 28 (j6) | 60 | 31 | 45 | M10 |

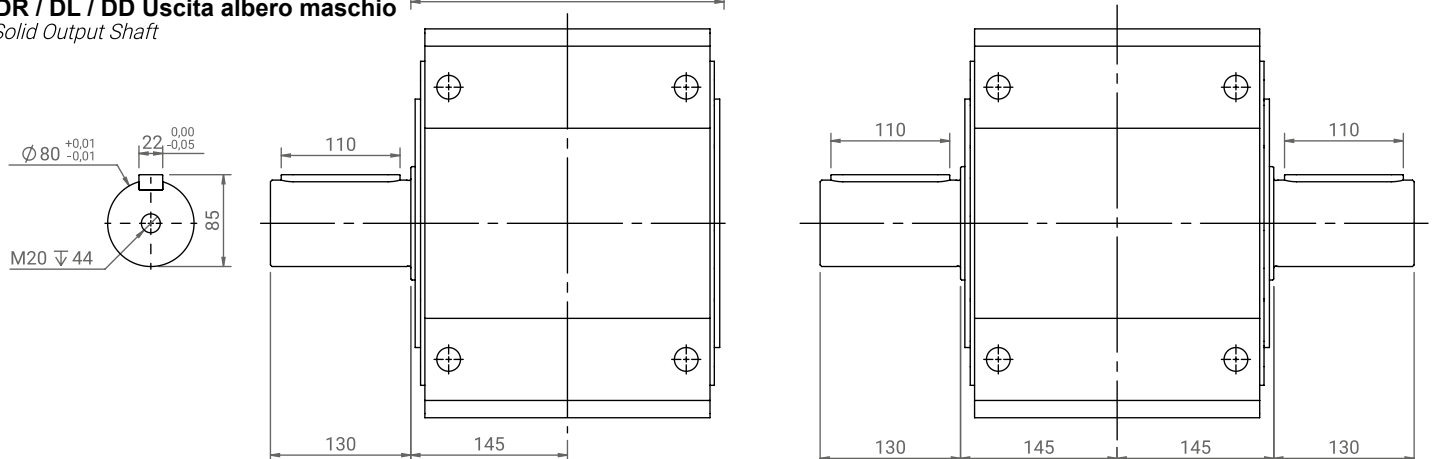


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft





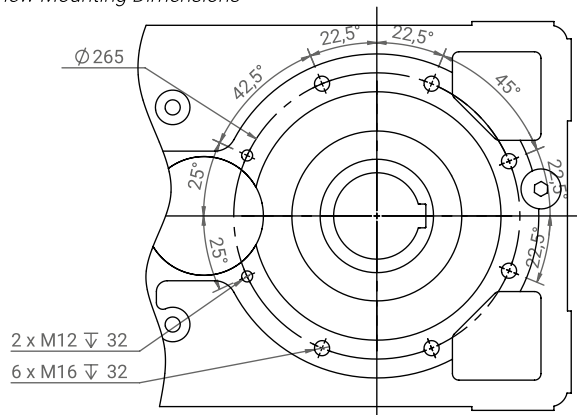
**Conf. Albero uscita**  
Output Shaft Configurations

SR /SL

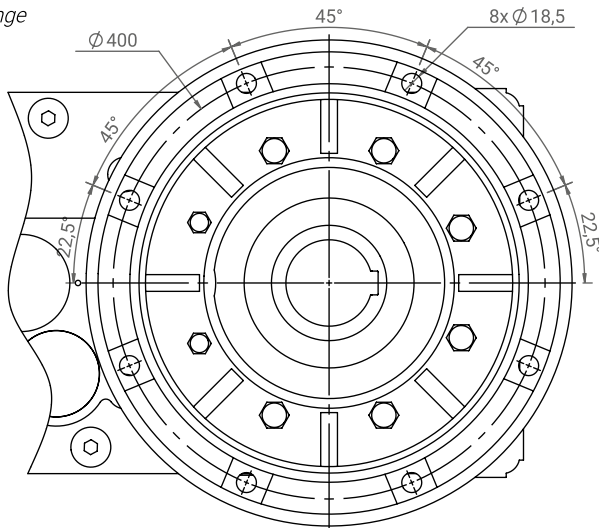


**Albero esterno** Customer Shaft

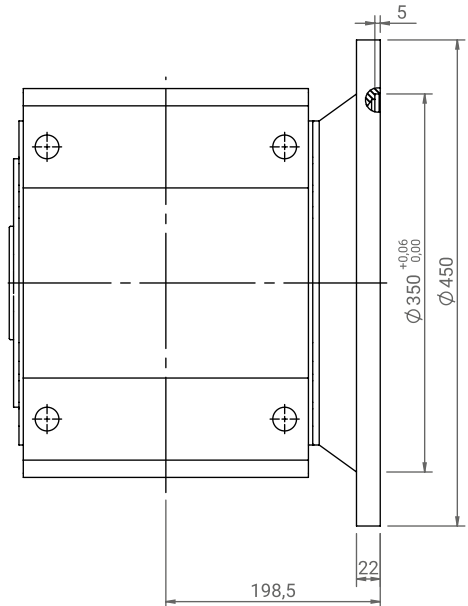
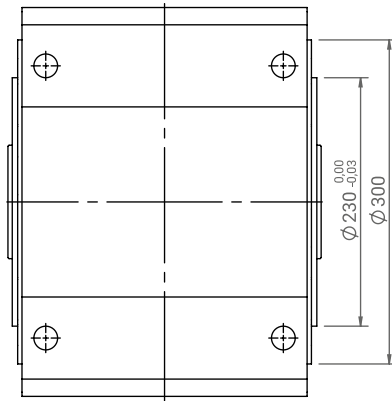
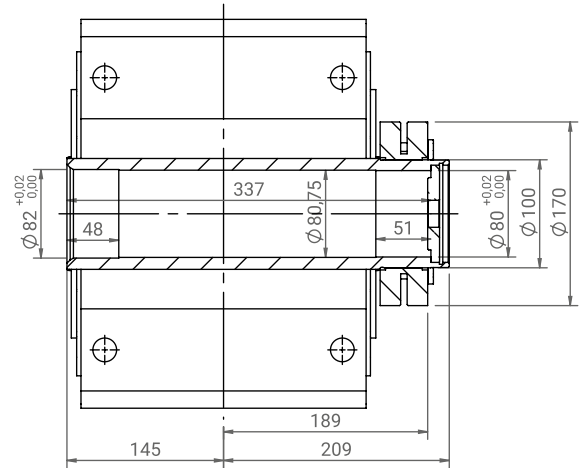
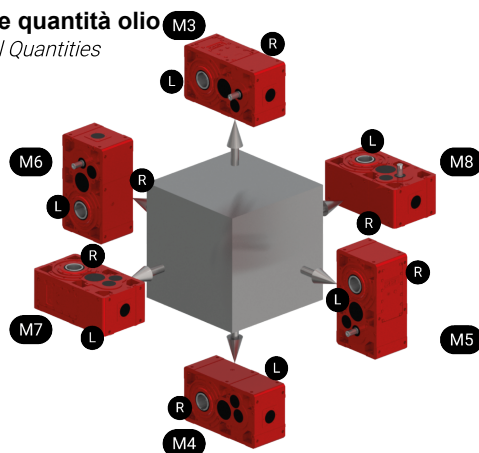
**Dimensioni montaggio vista laterale**  
Side View Mounting Dimensions



**FR 450 / Flangia uscita**  
Output Flange



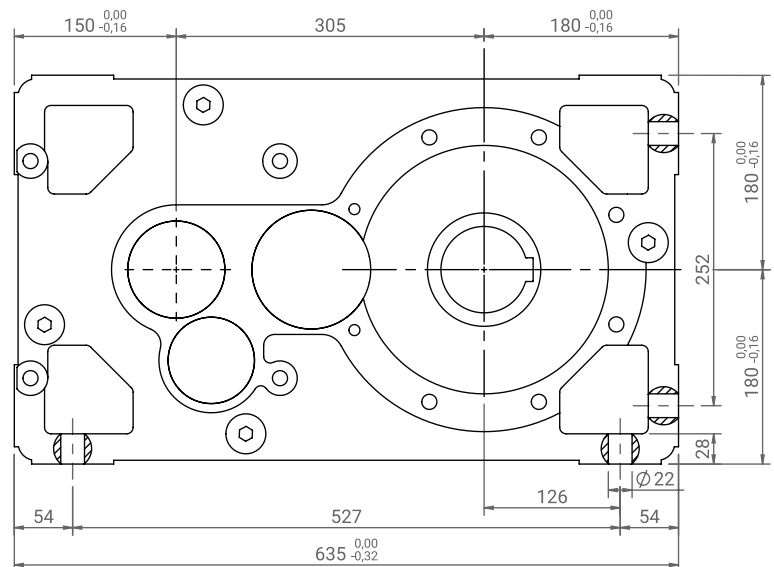
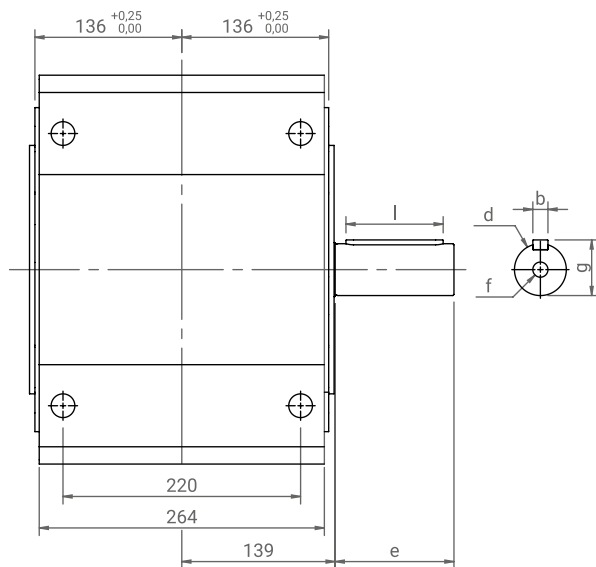
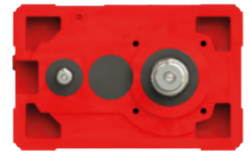
**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



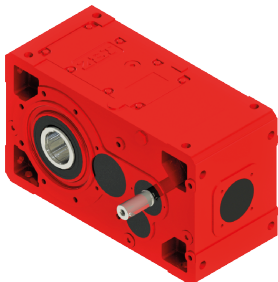
207 Kg

| HE 3160 Quantità olio OIL QUANTITIES (L) |    |    |    |    |    |
|------------------------------------------|----|----|----|----|----|
| M3                                       | M4 | M5 | M6 | M7 | M8 |
| 14                                       | 20 | 20 | 22 | 22 | 21 |

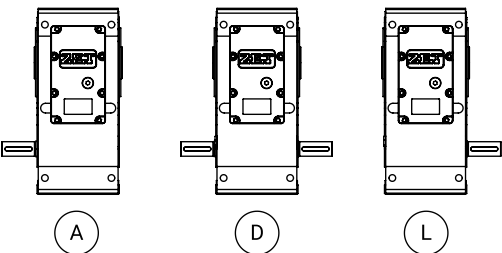
\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



**Conf. albero ingresso**  
Input Shaft Configurations

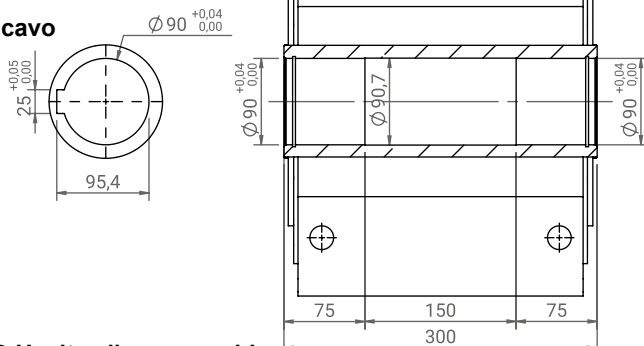


|      | b | d       | e  | g  | l  | f   |
|------|---|---------|----|----|----|-----|
| i>75 | 8 | 24 (j6) | 50 | 27 | 45 | M8  |
| i<75 | 8 | 28 (j6) | 60 | 31 | 45 | M10 |

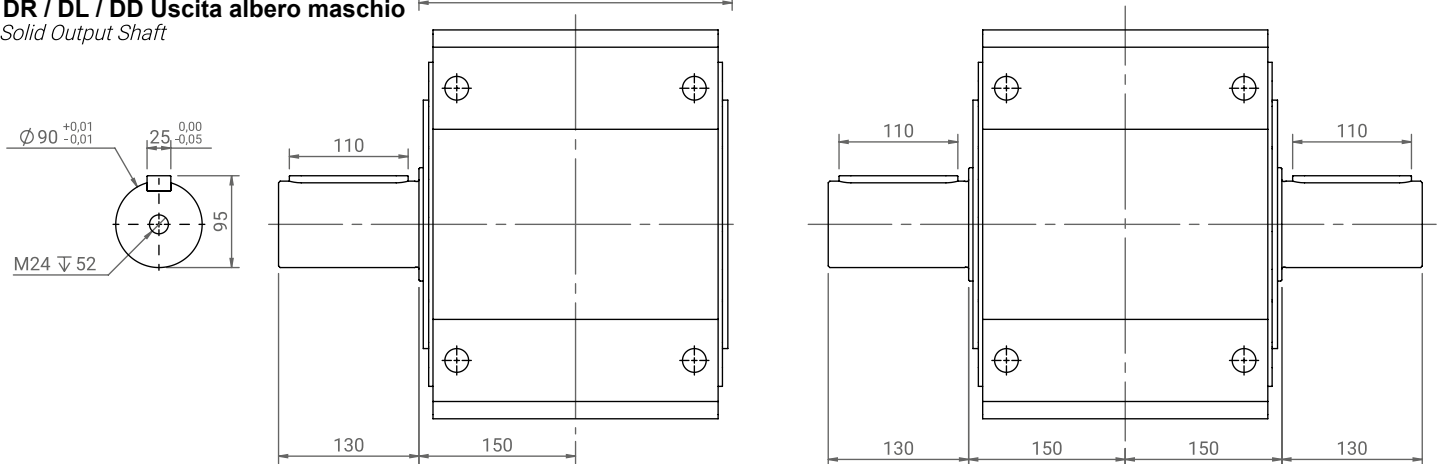


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



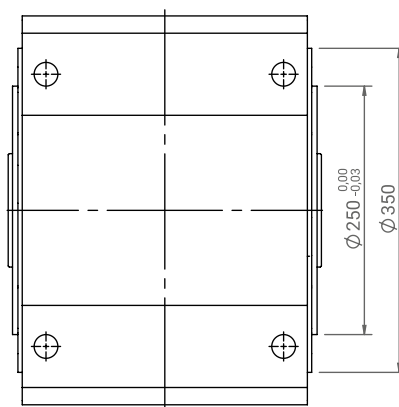
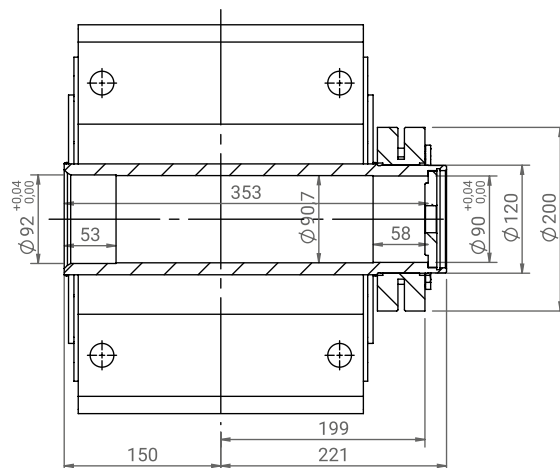
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



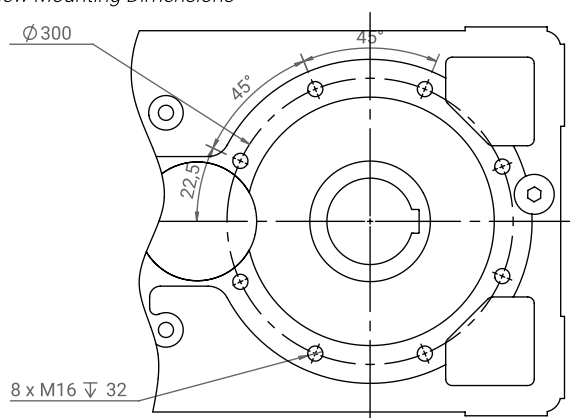


**Conf. Albero uscita**  
Output Shaft Configurations

SR /SL

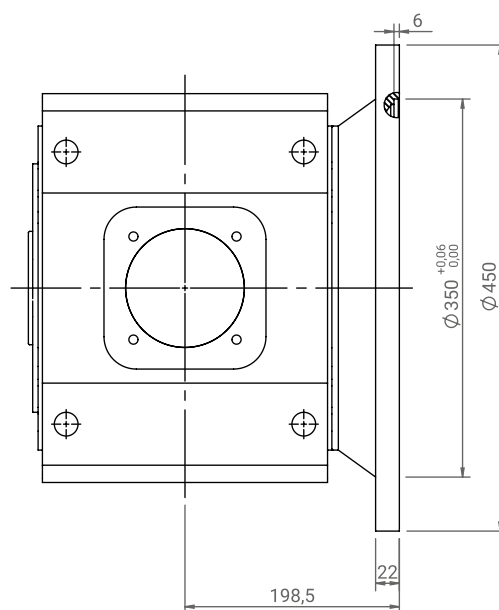
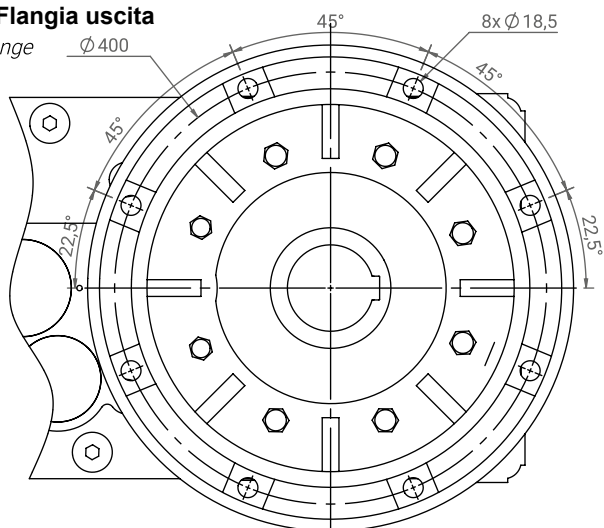


**Dimensioni montaggio vista laterale**  
Side View Mounting Dimensions

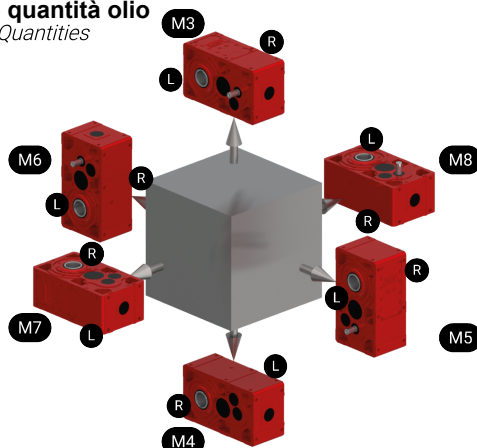


**FR 450 / Flangia uscita**

Output Flange



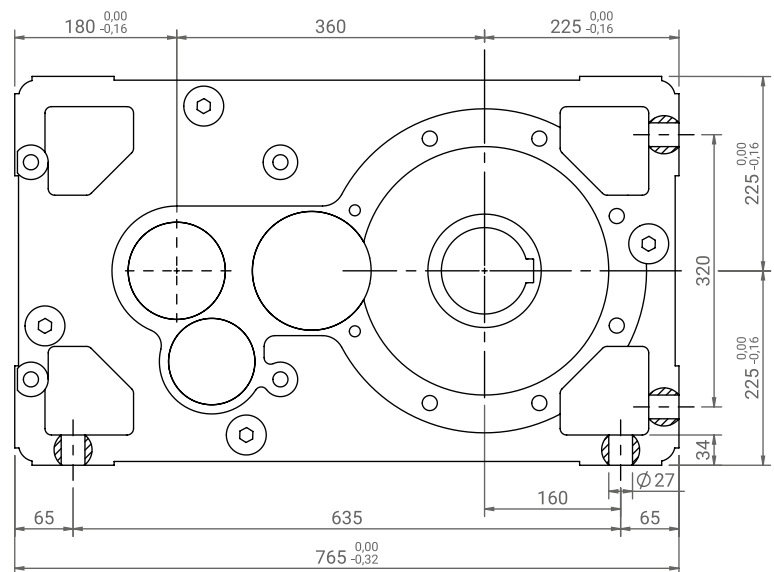
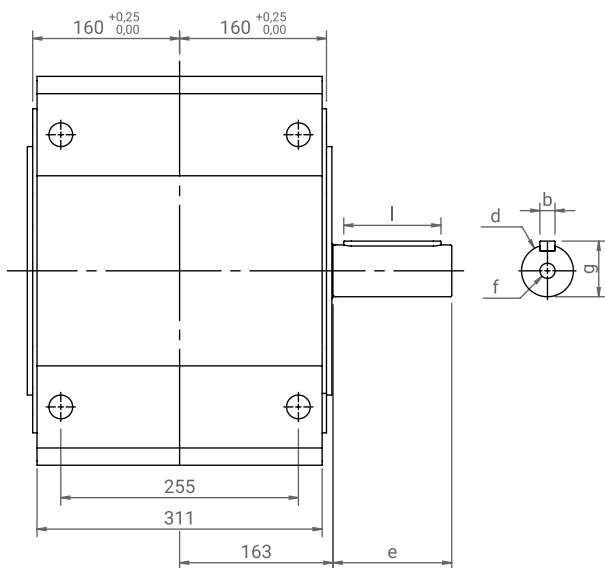
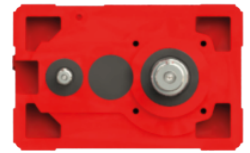
**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



225 Kg

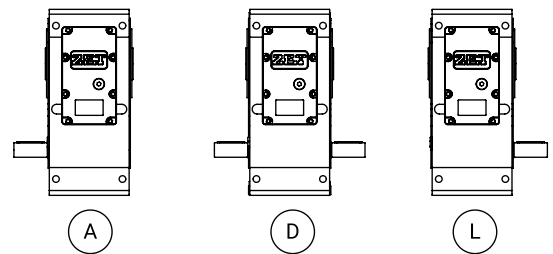
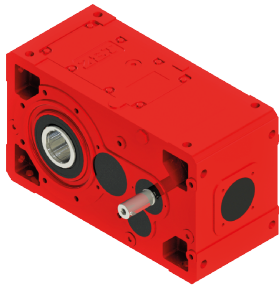
| HE 3180 Quantità olio OIL QUANTITIES (L) |    |    |    |    |    |
|------------------------------------------|----|----|----|----|----|
| M3                                       | M4 | M5 | M6 | M7 | M8 |
| 14                                       | 20 | 20 | 21 | 21 | 20 |

\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



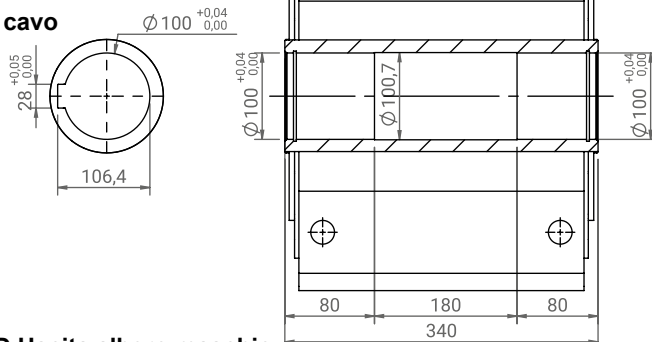
**Conf. albero ingresso**  
Input Shaft Configurations

|      | b  | d       | e   | g  | l  | f   |
|------|----|---------|-----|----|----|-----|
| i>75 | 10 | 32 (k6) | 80  | 35 | 70 | M12 |
| i<75 | 12 | 42 (k6) | 110 | 45 | 90 | M16 |

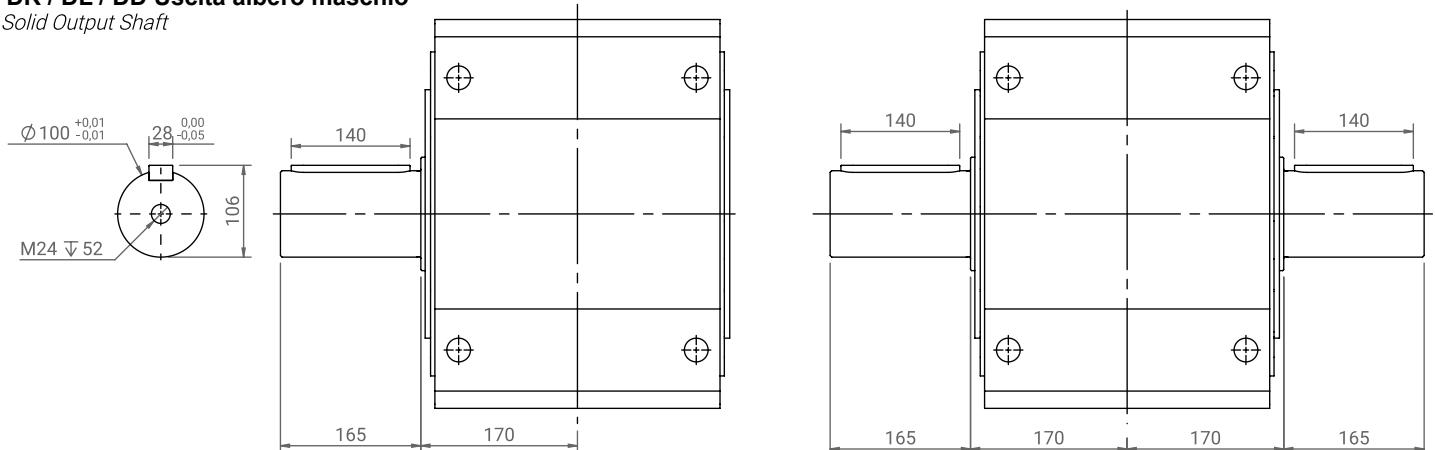


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft

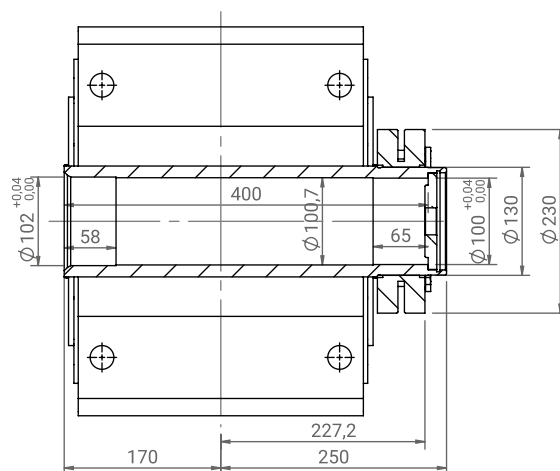




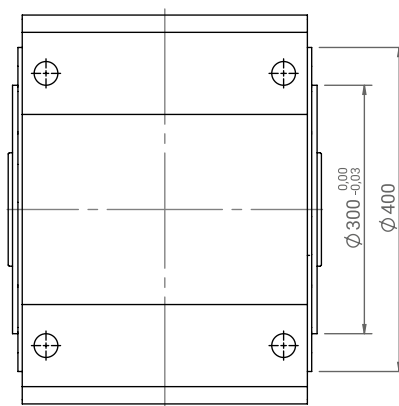
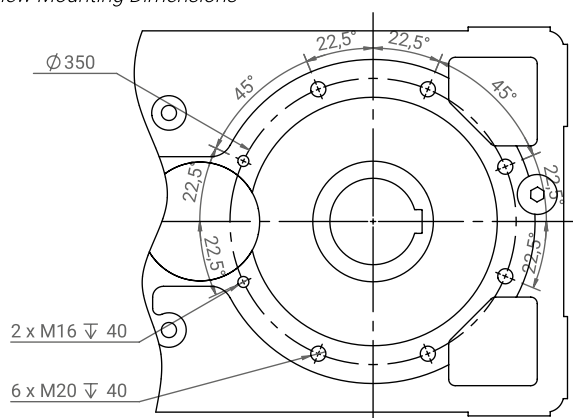


**Conf. Albero uscita**  
Output Shaft Configurations

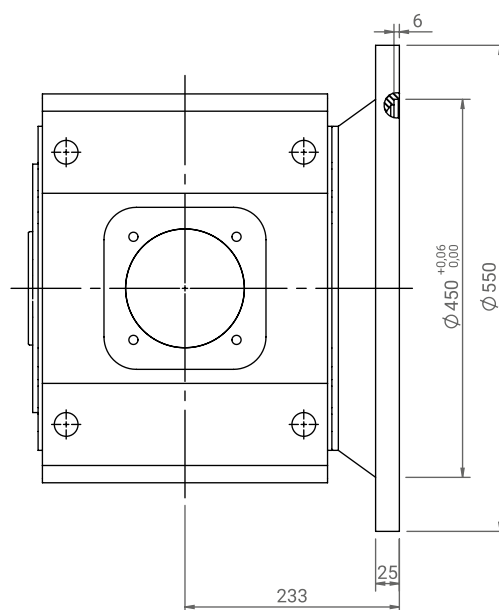
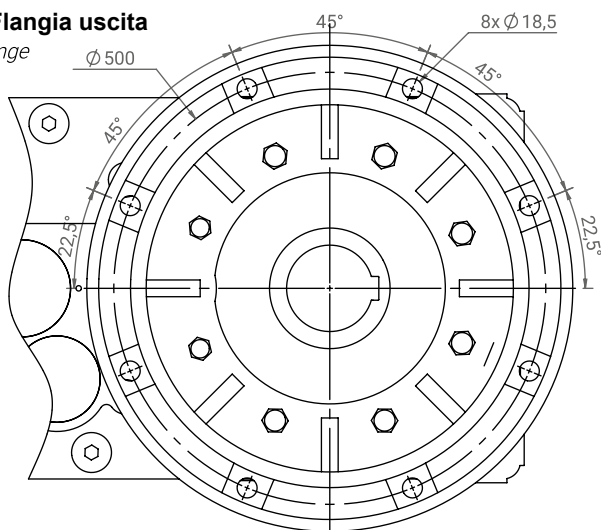
SR /SL



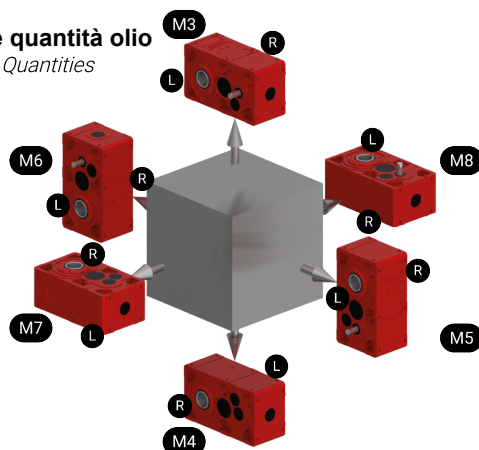
**Dimensioni montaggio vista laterale**  
Side View Mounting Dimensions



**FR 550 / Flangia uscita**  
Output Flange



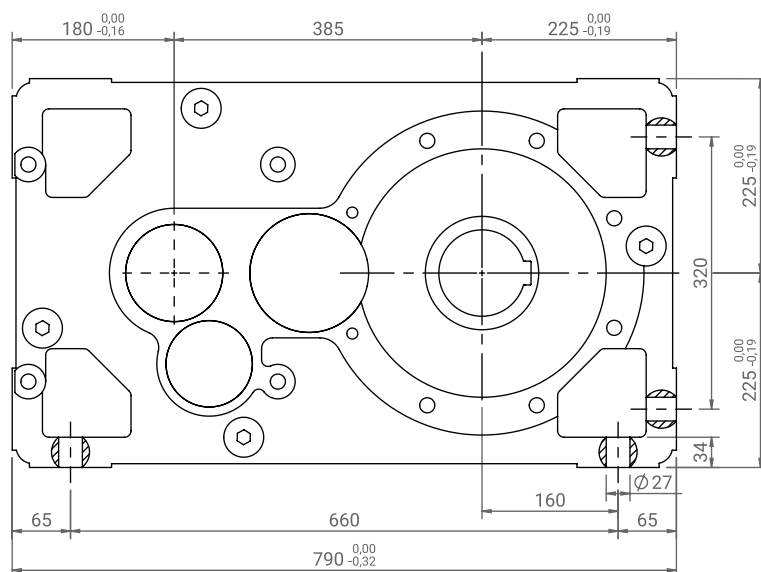
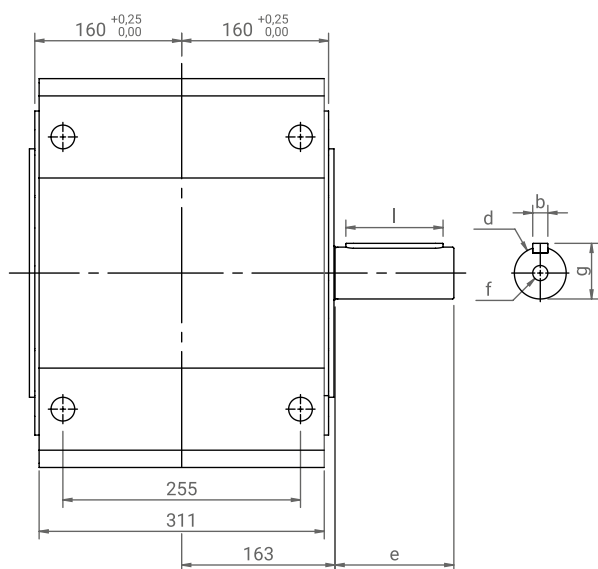
**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



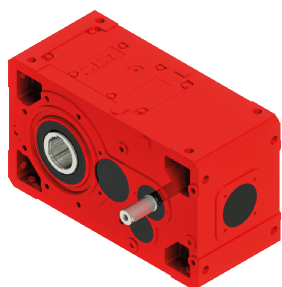
365 Kg

| HE 3200 Quantità olio OIL QUANTITIES (L) |    |    |    |    |    |
|------------------------------------------|----|----|----|----|----|
| M3                                       | M4 | M5 | M6 | M7 | M8 |
| 26                                       | 38 | 38 | 42 | 42 | 44 |

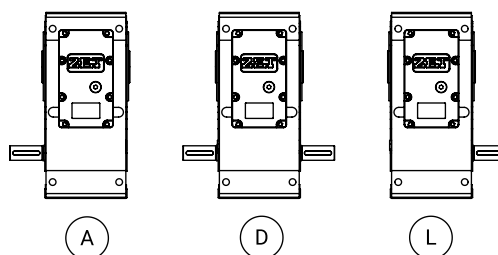
\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



**Conf. albero ingresso**  
Input Shaft Configurations

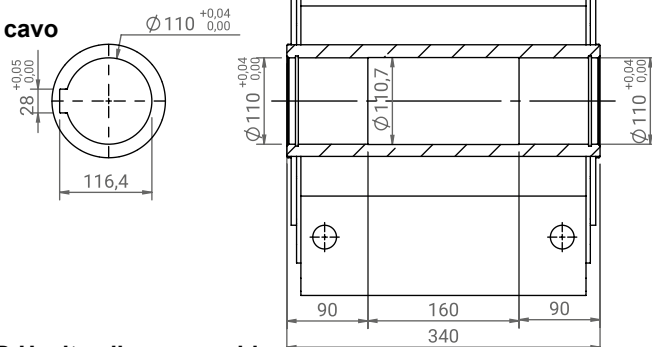


|      | b  | d       | e   | g  | l  | f   |
|------|----|---------|-----|----|----|-----|
| i>83 | 10 | 32 (k6) | 80  | 35 | 70 | M12 |
| i<83 | 12 | 42 (k6) | 110 | 45 | 90 | M16 |

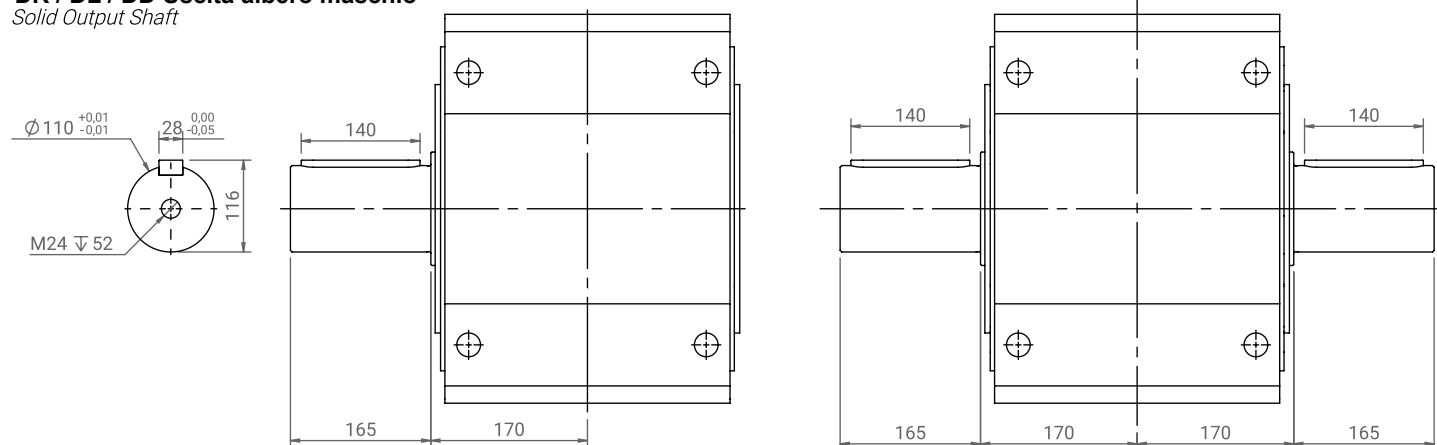


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



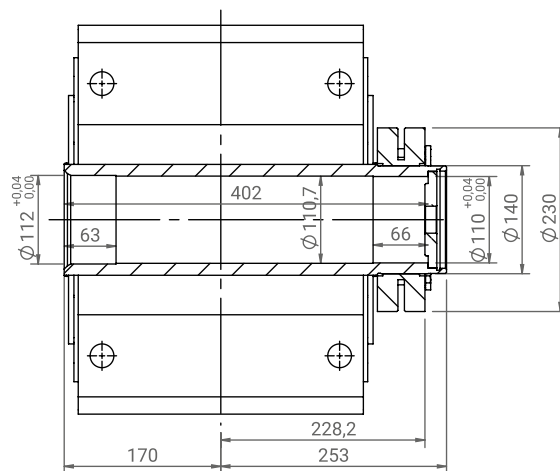
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



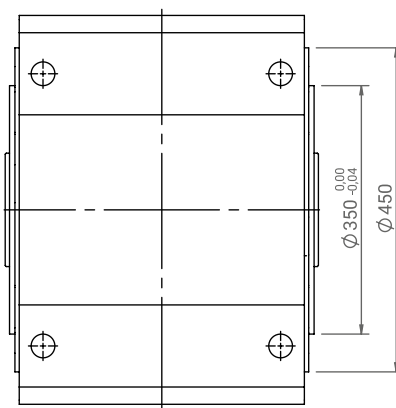
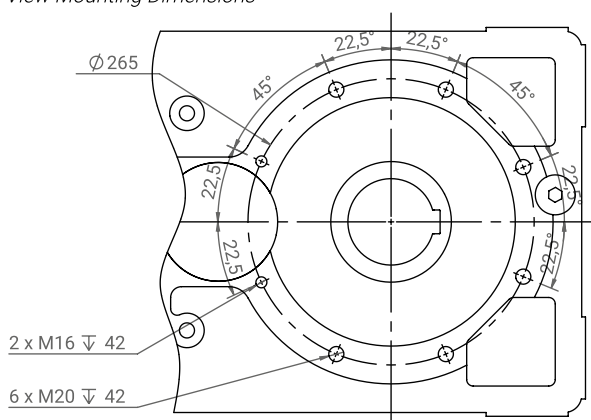


**Conf. Albero uscita**  
Output Shaft Configurations

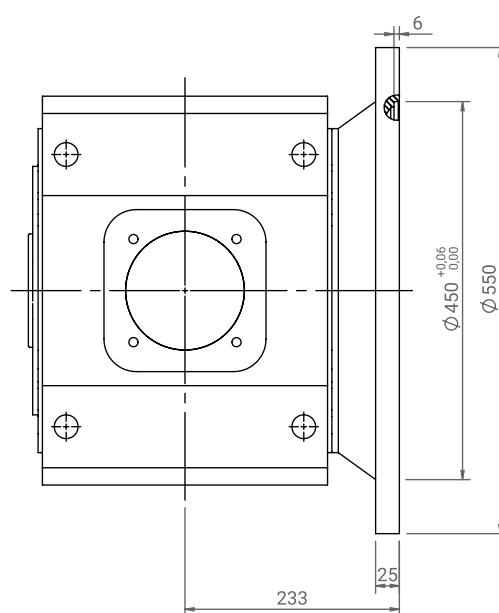
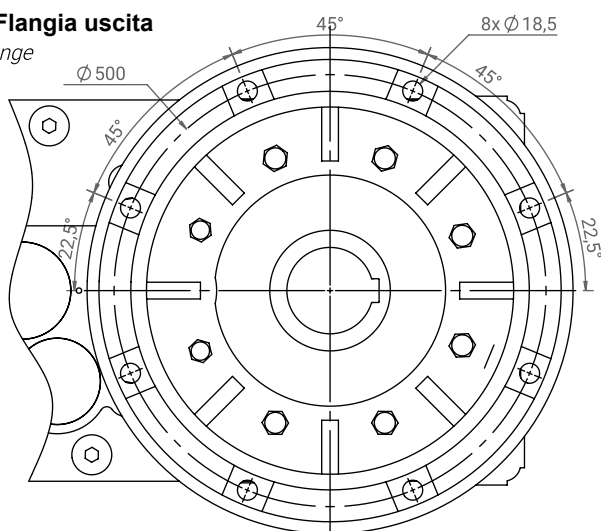
SR /SL



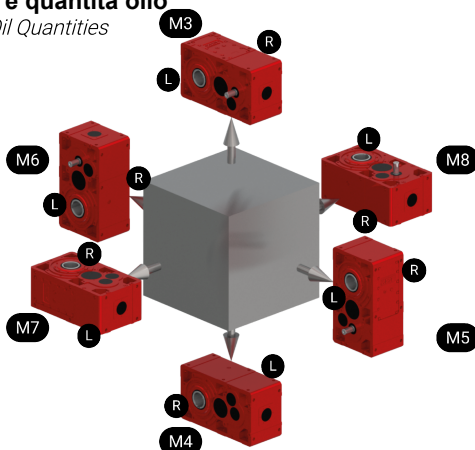
**Dimensioni montaggio vista laterale**  
Side View Mounting Dimensions



**FR 550 / Flangia uscita**  
Output Flange



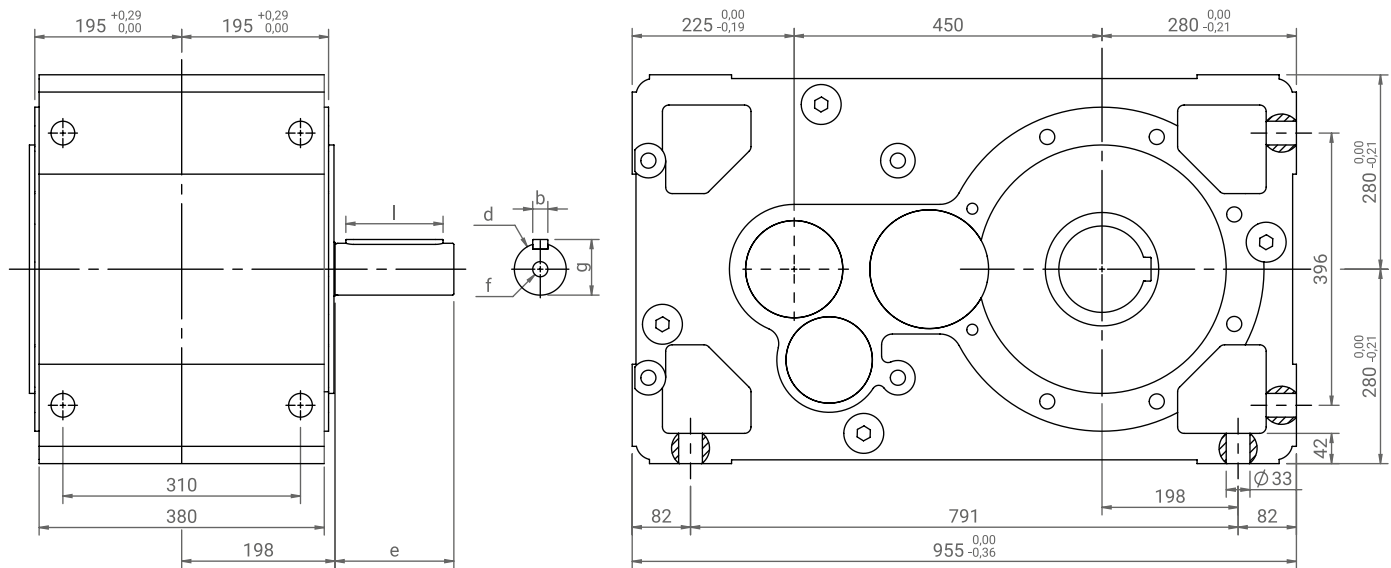
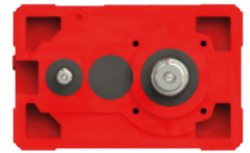
**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



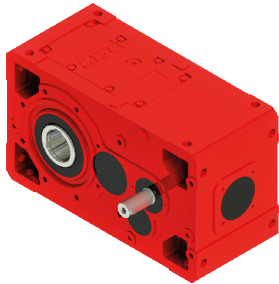
392 Kg

| HE 3225 Quantità olio OIL QUANTITIES (L) |    |    |    |    |    |
|------------------------------------------|----|----|----|----|----|
| M3                                       | M4 | M5 | M6 | M7 | M8 |
| 26                                       | 38 | 39 | 41 | 42 | 40 |

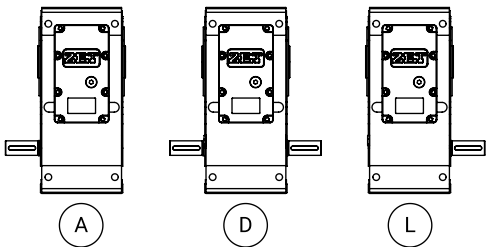
\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



**Conf. albero ingresso**  
Input Shaft Configurations

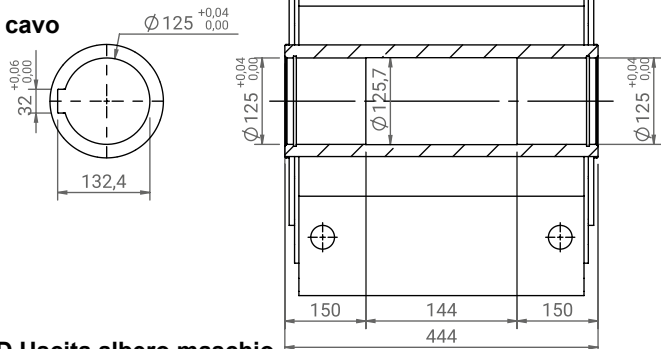


|      | b  | d       | e   | g    | l  | f   |
|------|----|---------|-----|------|----|-----|
| i>82 | 14 | 48 (k6) | 110 | 51,5 | 90 | M16 |
| i<82 | 16 | 55 (m6) | 110 | 59   | 90 | M20 |

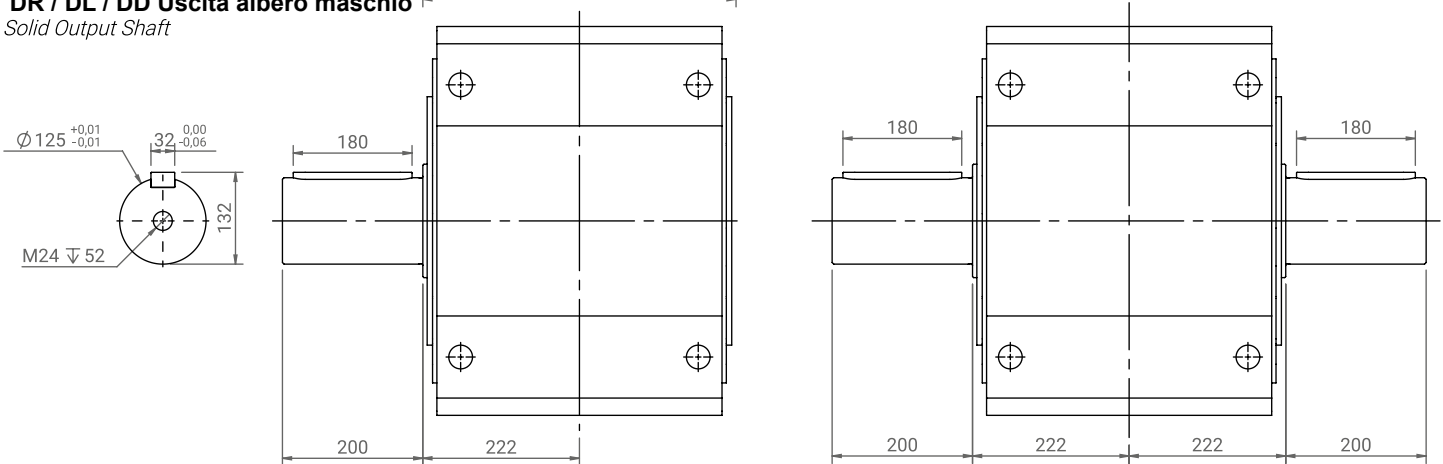


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



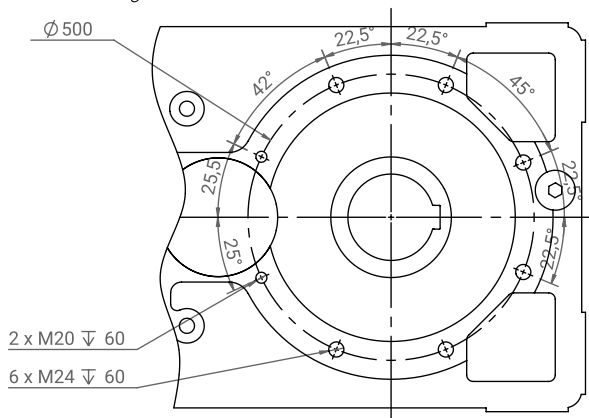


**Conf. Albero uscita**  
Output Shaft Configurations

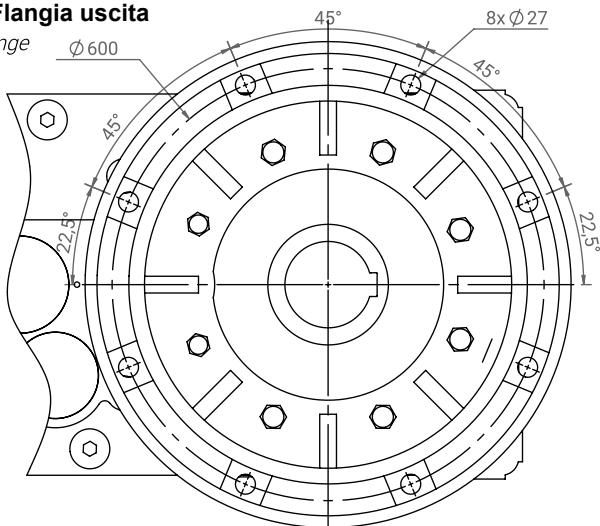
SR /SL



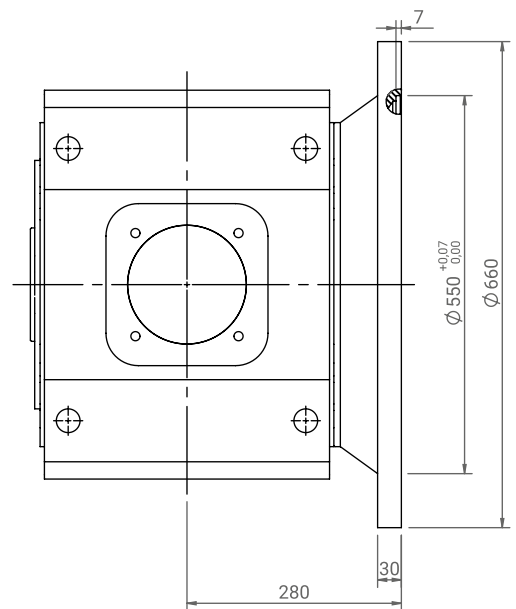
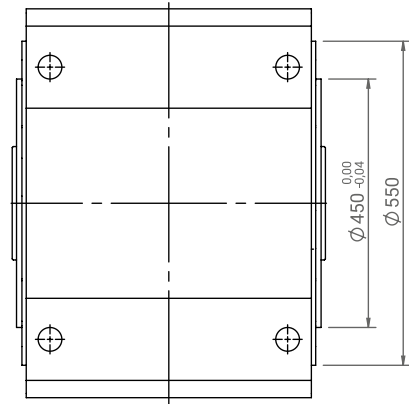
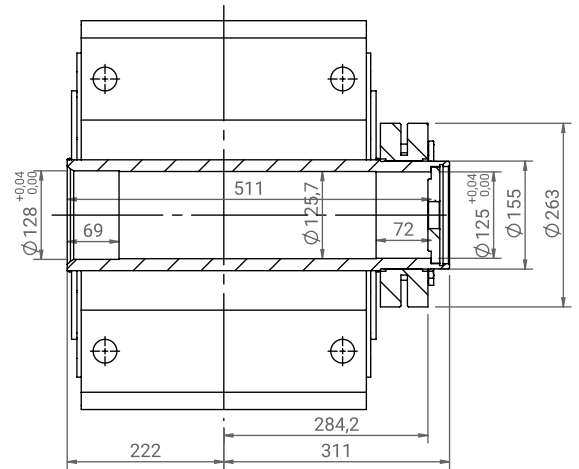
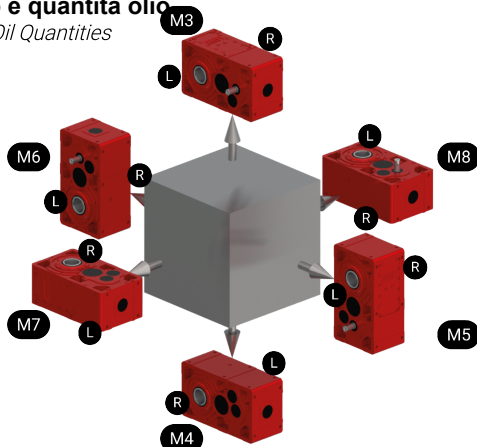
**Dimensioni montaggio vista laterale**  
Side View Mounting Dimensions



**FR 660 / Flangia uscita**  
Output Flange

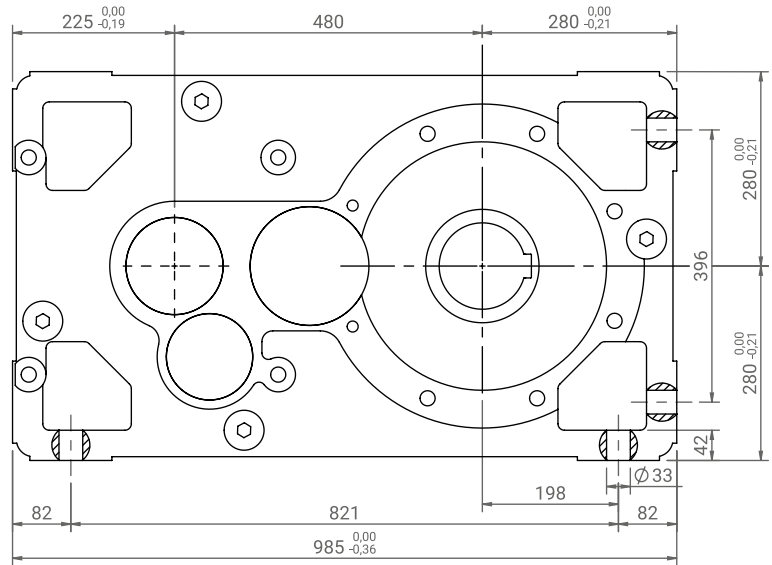
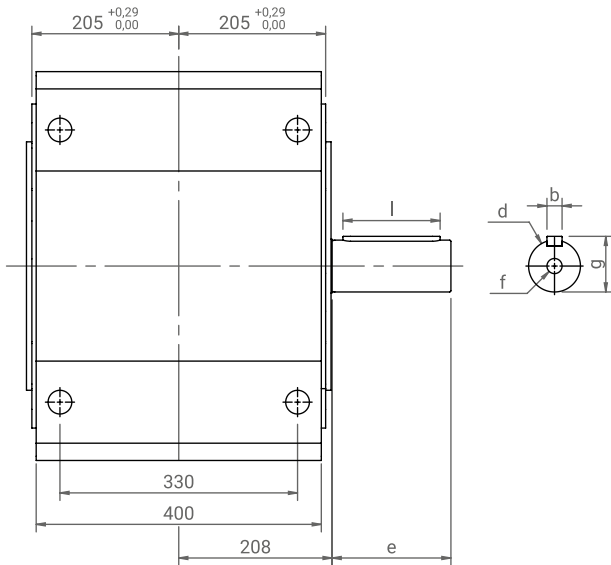


**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



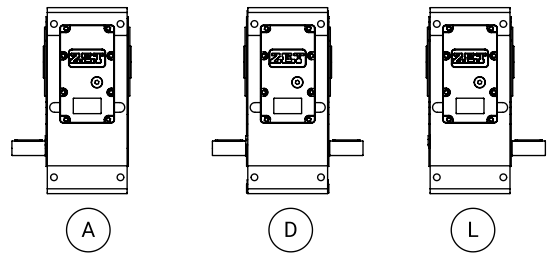
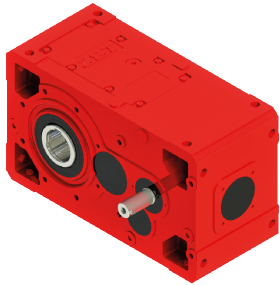
| HE 3250 Quantità olio OIL QUANTITIES (L) |    |    |    |    |    |
|------------------------------------------|----|----|----|----|----|
| M3                                       | M4 | M5 | M6 | M7 | M8 |
| 50                                       | 74 | 76 | 81 | 79 | 81 |

\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



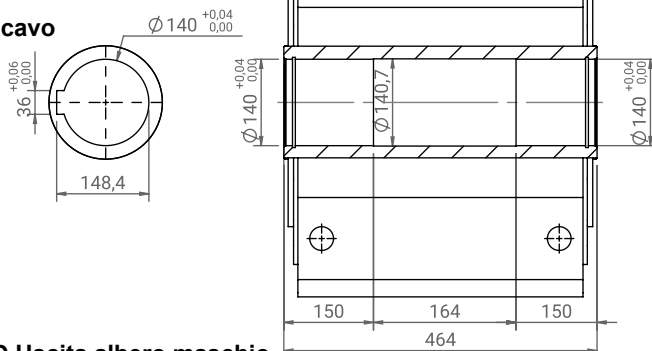
**Conf. albero ingresso**  
Input Shaft Configurations

|      | b  | d       | e   | g  | l   | f   |
|------|----|---------|-----|----|-----|-----|
| i>80 | 14 | 48 (k6) | 110 | 85 | 140 | M20 |
| i<80 | 16 | 55 (m6) | 110 | 85 | 140 | M20 |

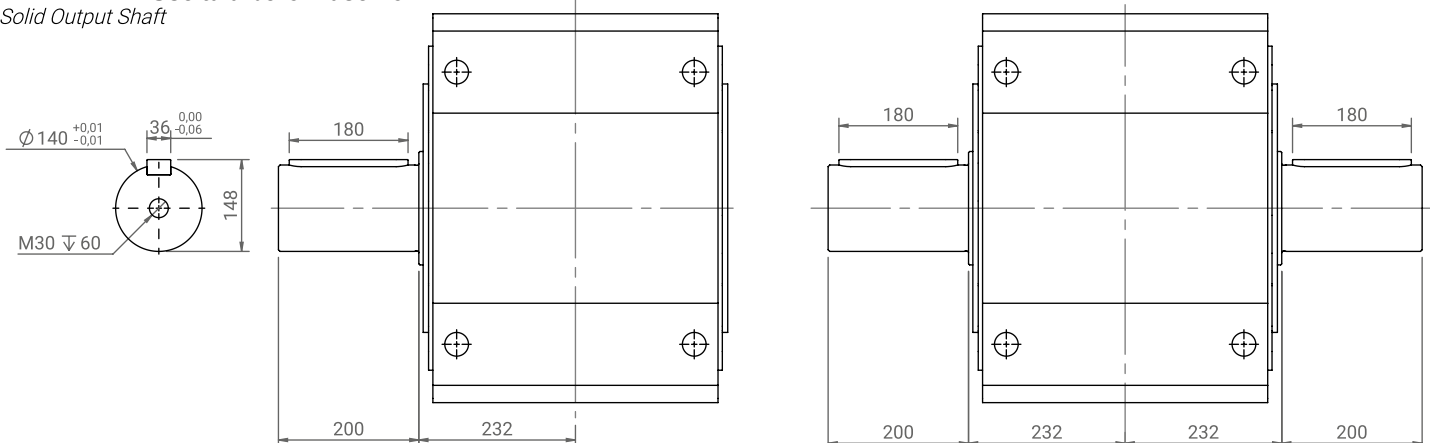


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



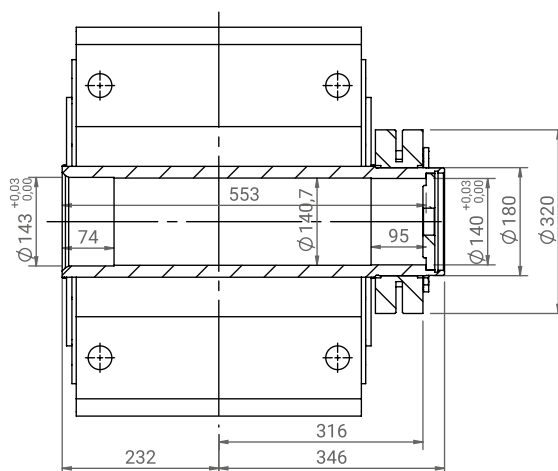
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



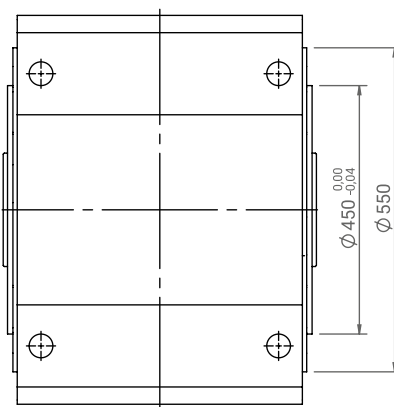
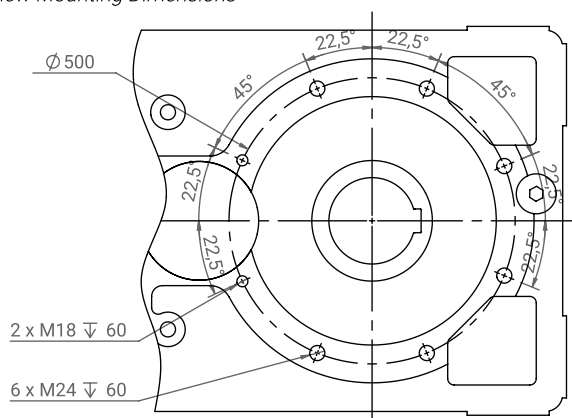


**Conf. Albero uscita**  
Output Shaft Configurations

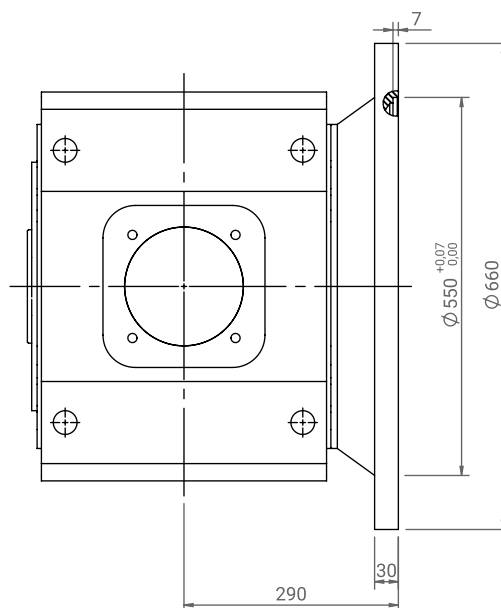
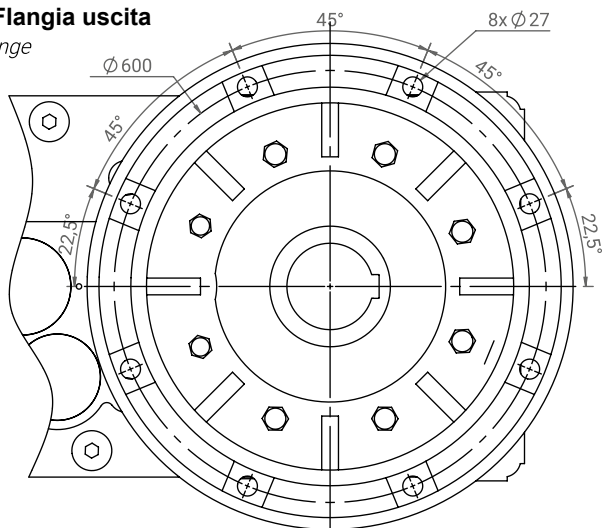
SR /SL



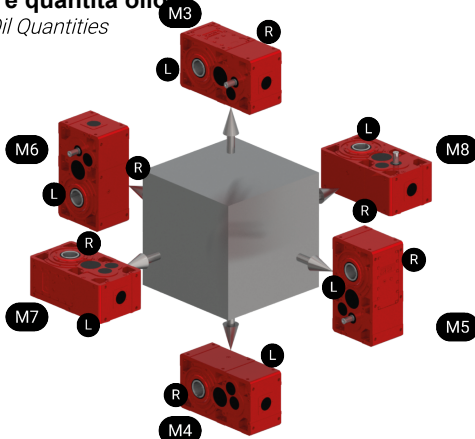
**Dimensioni montaggio vista laterale**  
Side View Mounting Dimensions



**FR 660 / Flangia uscita**  
Output Flange



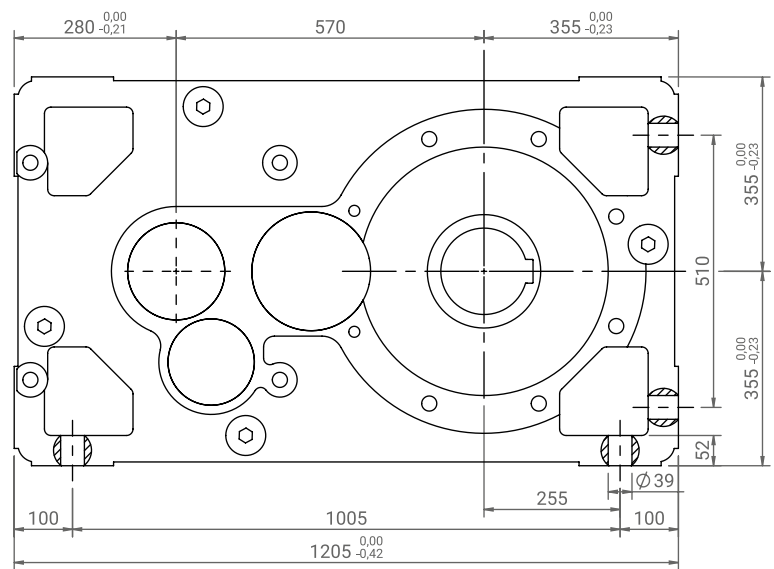
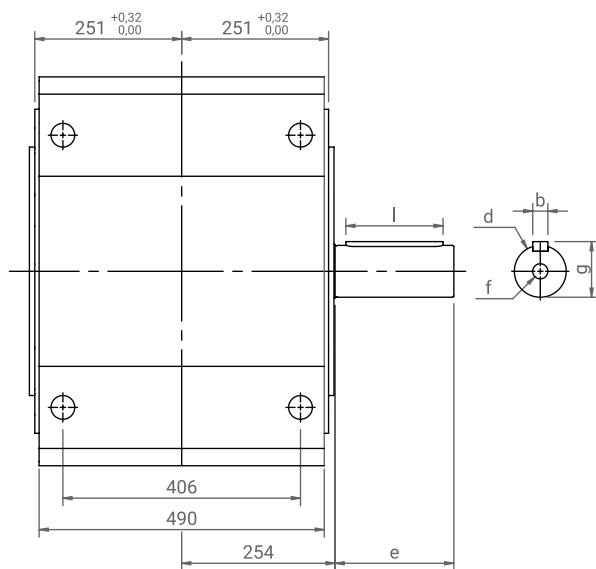
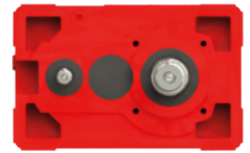
**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



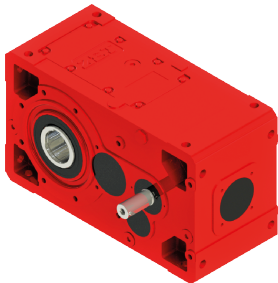
| HE 3280 Quantità olio OIL QUANTITIES (L) |    |    |    |    |    |
|------------------------------------------|----|----|----|----|----|
| M3                                       | M4 | M5 | M6 | M7 | M8 |
| 52                                       | 75 | 81 | 82 | 79 | 82 |

\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION

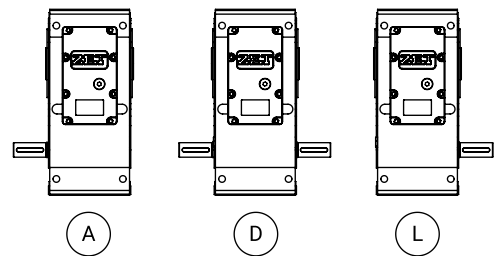




**Conf. albero ingresso**  
Input Shaft Configurations

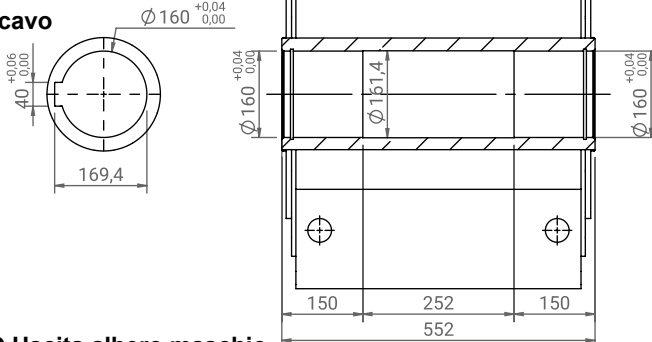


|      | b  | d       | e   | g    | l   | f   |
|------|----|---------|-----|------|-----|-----|
| i>70 | 16 | 55 (m6) | 110 | 59   | 90  | M20 |
| i<70 | 20 | 70 (m6) | 140 | 74,5 | 125 | M20 |

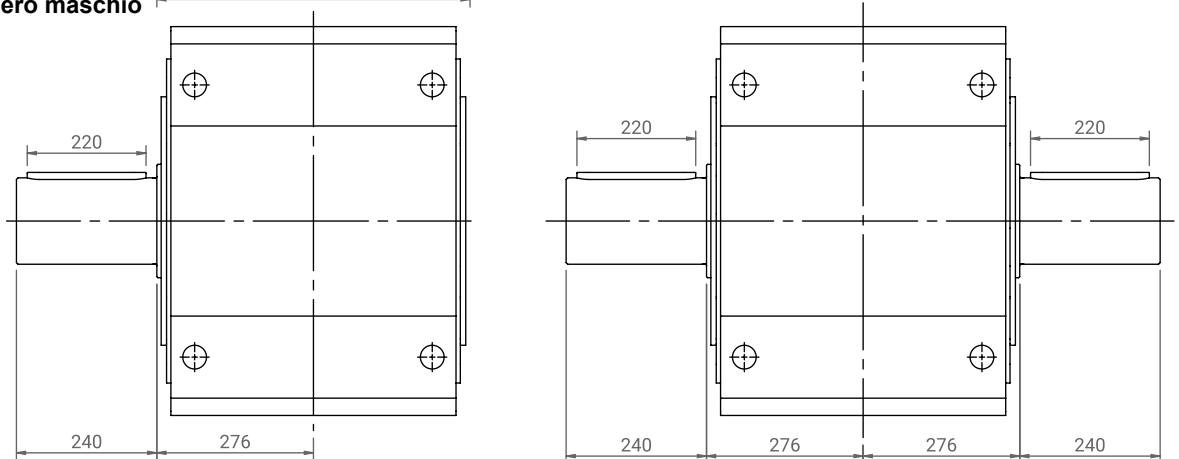
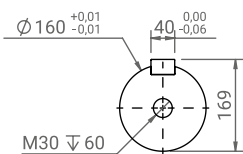


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



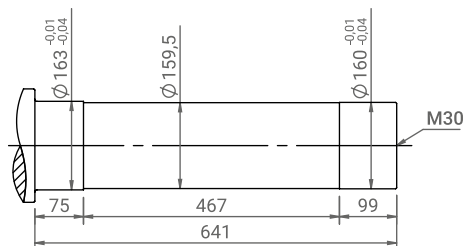
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



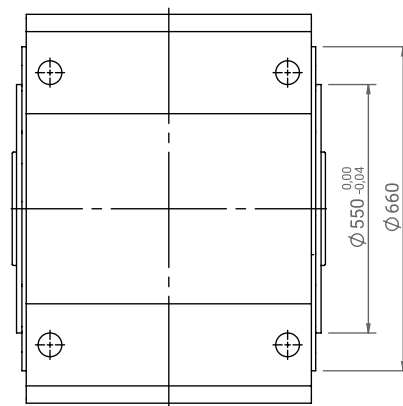
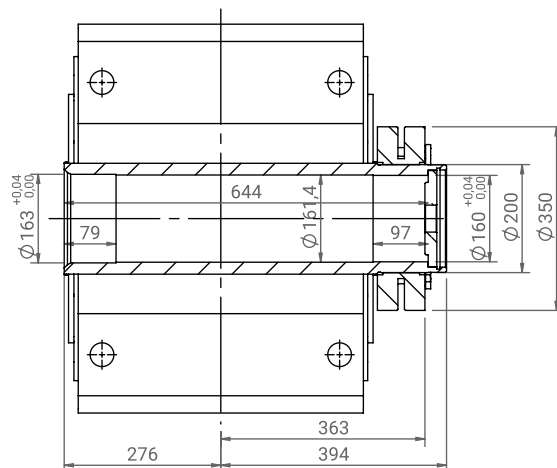


**Conf. Albero uscita**  
Output Shaft Configurations

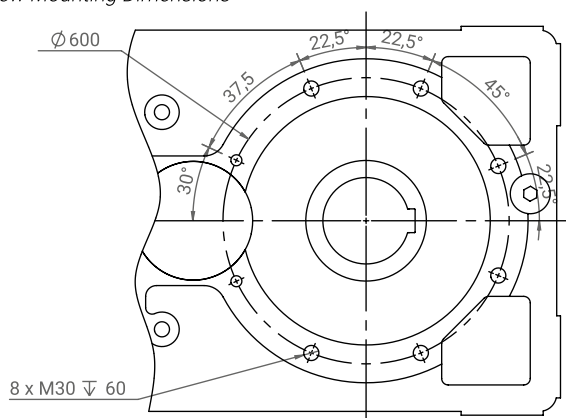
SR /SL



**Albero esterno** Customer Shaft

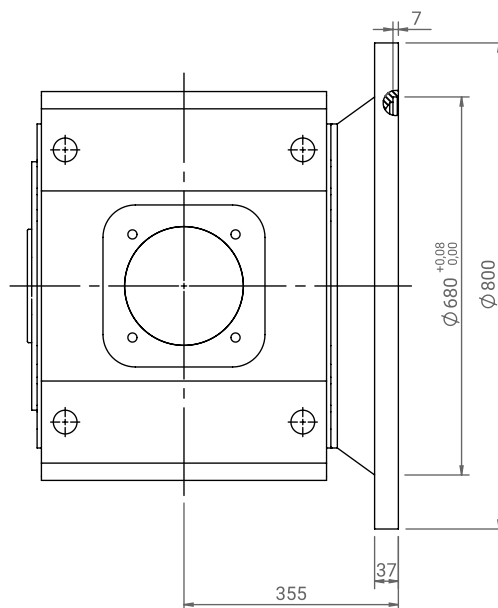
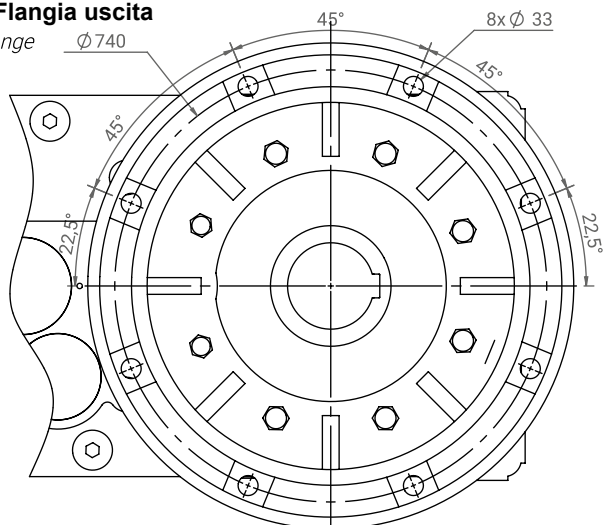


**Dimensioni montaggio vista laterale**  
Side View Mounting Dimensions



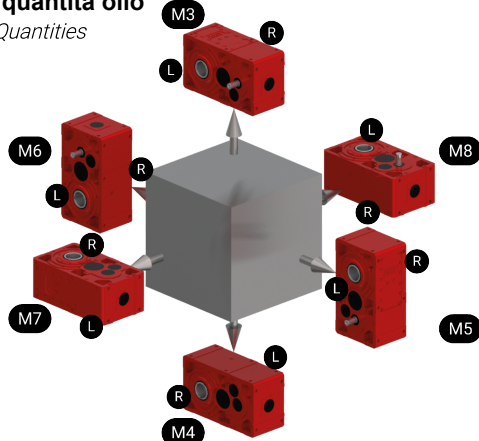
**FR 800 / Flangia uscita**

Output Flange



**Posizioni montaggio e quantità olio**

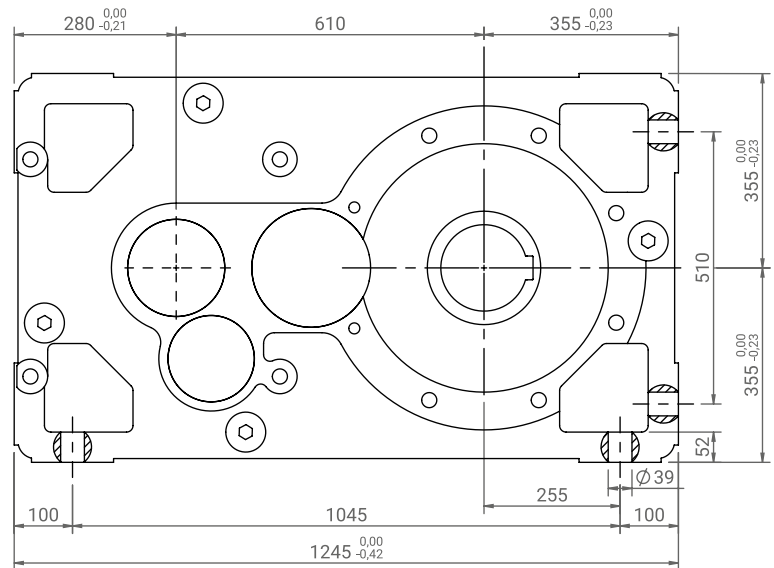
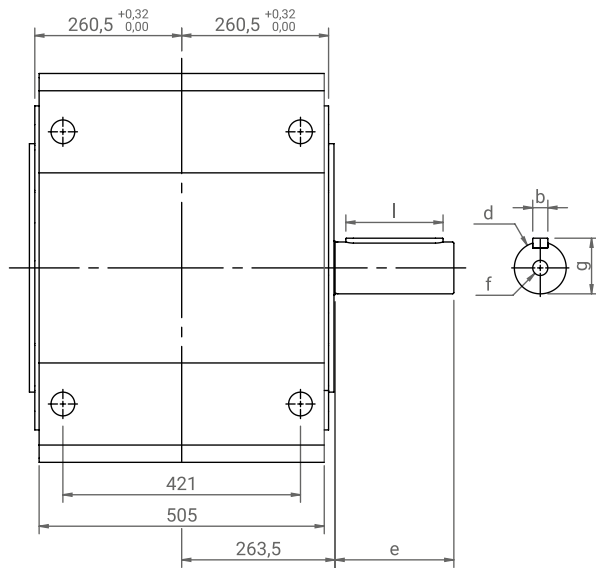
Mounting Positions\* and Oil Quantities



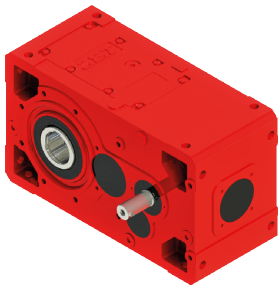
1350 Kg

| HE 3320 Quantità olio OIL QUANTITIES (L) |     |     |     |     |     |
|------------------------------------------|-----|-----|-----|-----|-----|
| M3                                       | M4  | M5  | M6  | M7  | M8  |
| 109                                      | 155 | 149 | 174 | 164 | 170 |

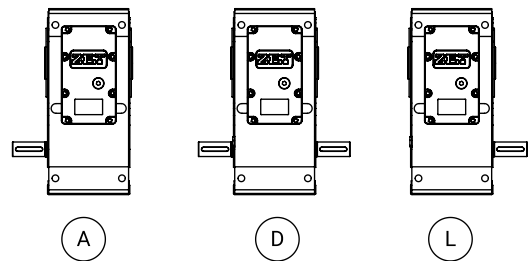
\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



**Conf. albero ingresso**  
Input Shaft Configurations

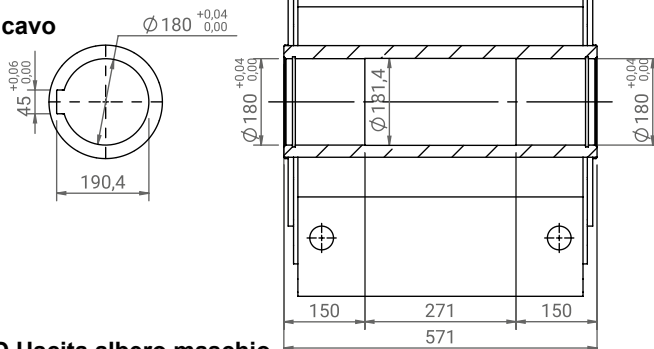


|         | b  | d       | e   | g    | l   | f   |
|---------|----|---------|-----|------|-----|-----|
| i>70    | 16 | 55 (m6) | 110 | 59   | 90  | M20 |
| 70>i>38 | 18 | 65 (m6) | 140 | 69   | 110 | M20 |
| i<38    | 20 | 75 (m6) | 140 | 79,5 | 125 | M20 |

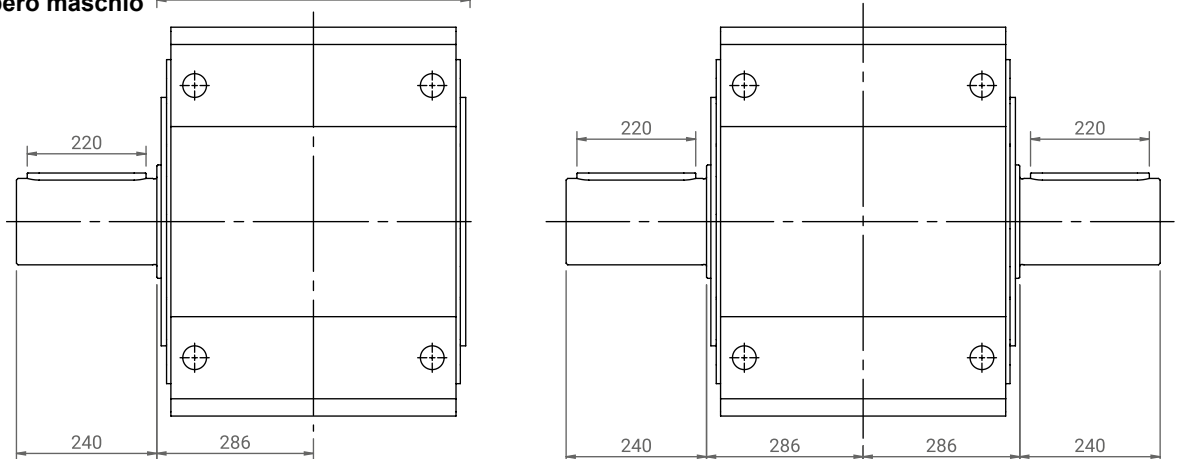
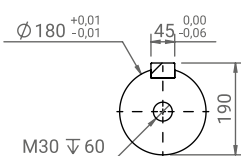


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



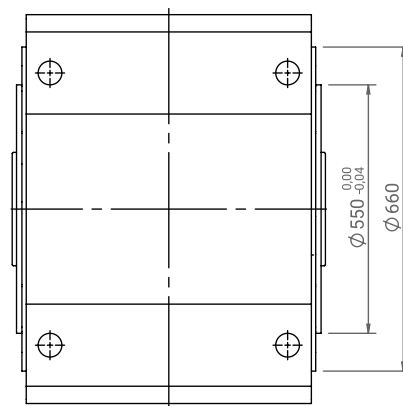
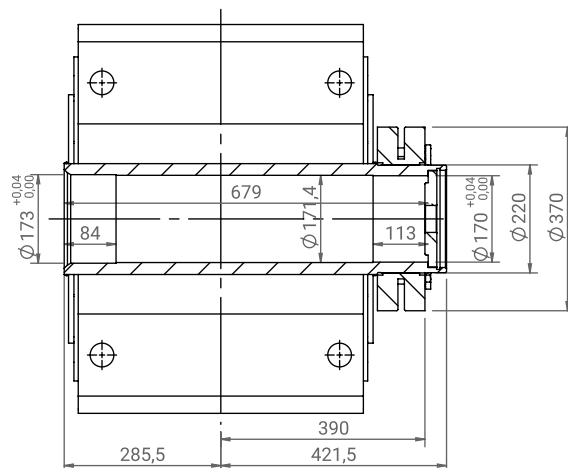
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



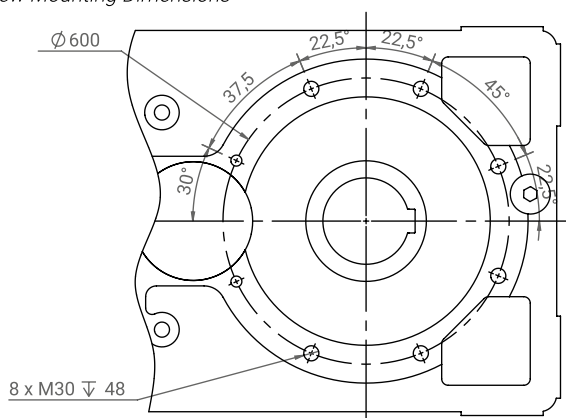


**Conf. Albero uscita**  
Output Shaft Configurations

SR /SL

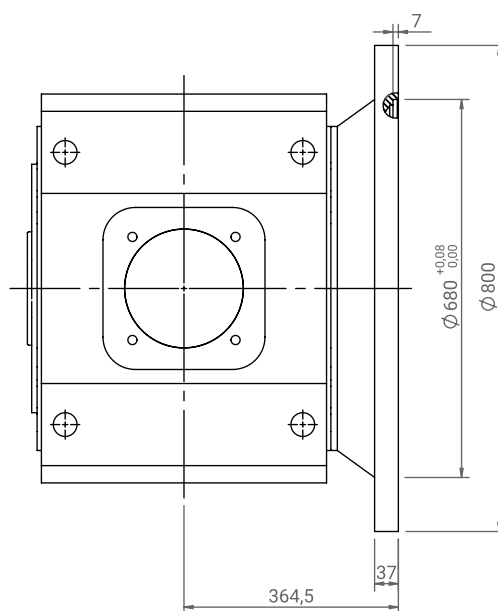
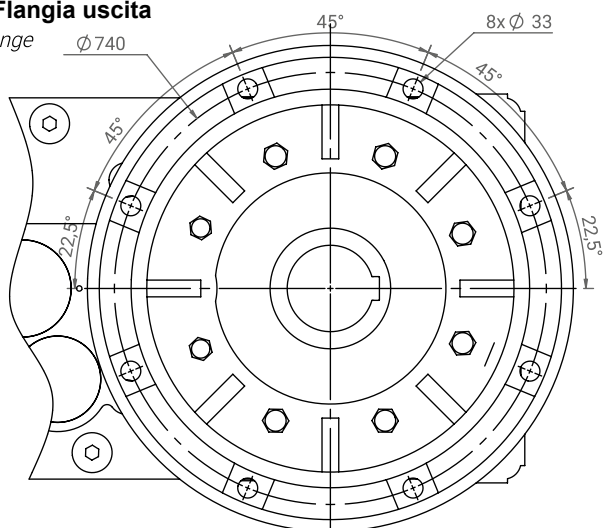


**Dimensioni montaggio vista laterale**  
Side View Mounting Dimensions

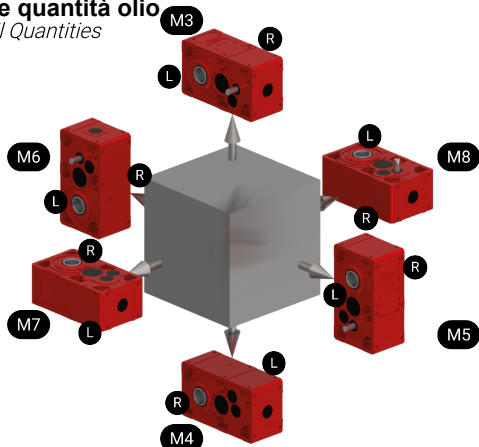


**FR 800 / Flangia uscita**

Output Flange



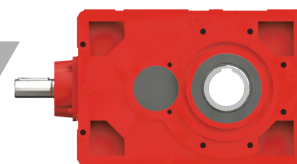
**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



1550 Kg

| HE 3360 Quantità olio OIL QUANTITIES (L) |     |     |     |     |     |
|------------------------------------------|-----|-----|-----|-----|-----|
| M3                                       | M4  | M5  | M6  | M7  | M8  |
| 103                                      | 147 | 163 | 164 | 151 | 162 |

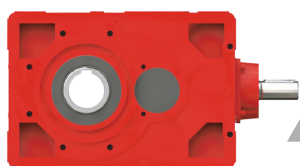
\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



**Prestazioni a 1500 rpm**

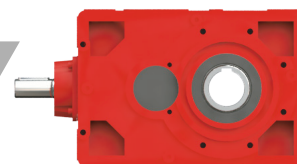
Performance tables according to Input Speed 1500 rpm

| n <sub>1</sub> =1500 d/d |                         |                         |                | 125  |                         |                         |                         |              |                      | 140  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 6                        | 1500                    | 250                     | 2              | 5,98 | 1750                    | 46                      | 26                      | 92           | 116-117              | -    | -                       | -                       | -                       | -            | 118-119              |
| 7                        | 1500                    | 214                     |                | 7,77 | 2275                    | 46                      | 26                      | 92           |                      | 7,45 | 2170                    | 46                      | 35                      | 113          |                      |
| 10                       | 1500                    | 150                     |                | 10,0 | 2850                    | 45                      | 26                      | 92           |                      | 9,87 | 2880                    | 46                      | 35                      | 113          |                      |
| 12                       | 1500                    | 125                     |                | 11,5 | 2822                    | 39                      | 26                      | 92           |                      | 12,1 | 3530                    | 46                      | 35                      | 113          |                      |
| 13                       | 1500                    | 115                     |                | 13,2 | 2250                    | 27                      | 26                      | 92           |                      | 13,0 | 2385                    | 29                      | 35                      | 113          |                      |
| 15                       | 1500                    | 100                     |                | 15,1 | 2300                    | 24                      | 26                      | 92           |                      | 15,9 | 2925                    | 29                      | 35                      | 113          |                      |
| 20                       | 1500                    | 75                      |                | 20,8 | 2230                    | 17                      | 26                      | 92           |                      | 20,4 | 2200                    | 17                      | 35                      | 113          |                      |
| 24                       | 1500                    | 63                      |                | 23,8 | 2550                    | 17                      | 26                      | 92           |                      | 25,0 | 2700                    | 17                      | 35                      | 113          |                      |
| 25                       | 1500                    | 60                      | 3              | -    | -                       | -                       | -                       | -            |                      | 25,7 | 3550                    | 22                      | 23                      | 120          | 136-137              |
| 31                       | 1500                    | 48                      |                | -    | -                       | -                       | -                       | -            |                      | 31,2 | 4000                    | 20                      | 23                      | 120          |                      |
| 38                       | 1500                    | 39                      |                | -    | -                       | -                       | -                       | -            |                      | 38,3 | 3530                    | 14                      | 23                      | 120          |                      |
| 39                       | 1500                    | 38                      |                | -    | -                       | -                       | -                       | -            |                      | 38,7 | 4080                    | 17                      | 23                      | 120          |                      |
| 41                       | 1500                    | 37                      |                | -    | -                       | -                       | -                       | -            |                      | 40,9 | 3370                    | 13                      | 23                      | 120          |                      |
| 50                       | 1500                    | 30                      |                | -    | -                       | -                       | -                       | -            |                      | 50,7 | 4050                    | 13                      | 23                      | 120          |                      |
| 64                       | 1500                    | 23                      |                | -    | -                       | -                       | -                       | -            |                      | 63,9 | 4100                    | 10                      | 23                      | 120          |                      |
| 78                       | 1500                    | 19                      |                | -    | -                       | -                       | -                       | -            |                      | 78,3 | 3500                    | 7                       | 23                      | 120          |                      |
| 95                       | 1500                    | 16                      |                | -    | -                       | -                       | -                       | -            |                      | 95,3 | 3560                    | 6                       | 23                      | 120          |                      |
| 98                       | 1500                    | 15                      |                | -    | -                       | -                       | -                       | -            |                      | 97,9 | 4300                    | 7                       | 23                      | 120          |                      |
| 120                      | 1500                    | 13                      |                | -    | -                       | -                       | -                       | -            |                      | 120  | 3680                    | 5                       | 23                      | 120          |                      |



**Prestazioni a 1500 rpm**  
Performance tables according to Input Speed 1500 rpm

| n <sub>1</sub> =1500 d/d |                         |                         |                | 160  |                         |                         |                         |              |                      | 180  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 6                        | 1500                    | 250                     | 2              | 6,43 | 4000                    | 98                      | 39                      | 156          | 120-121              | -    | -                       | -                       | -                       | -            | 122-123              |
| 8                        | 1500                    | 188                     |                | 7,93 | 4950                    | 98                      | 39                      | 156          |                      | 7,68 | 4800                    | 98                      | 54                      | 200          |                      |
| 10                       | 1500                    | 150                     |                | 10,2 | 6250                    | 96                      | 39                      | 156          |                      | 10,2 | 6400                    | 98                      | 54                      | 200          |                      |
| 12                       | 1500                    | 125                     |                | 12,9 | 5000                    | 61                      | 39                      | 156          |                      | 12,3 | 7500                    | 96                      | 54                      | 200          |                      |
| 13                       | 1500                    | 115                     |                | -    | -                       | -                       | -                       | -            |                      | 12,9 | 5020                    | 61                      | 54                      | 200          |                      |
| 15                       | 1500                    | 100                     |                | 15,8 | 5150                    | 51                      | 39                      | 156          |                      | 15,5 | 6000                    | 61                      | 54                      | 200          |                      |
| 20                       | 1500                    | 75                      |                | 20,4 | 4800                    | 37                      | 39                      | 156          |                      | 20,5 | 4850                    | 37                      | 54                      | 200          |                      |
| 25                       | 1500                    | 60                      |                | 25,0 | 5900                    | 37                      | 39                      | 156          |                      | 24,6 | 5850                    | 37                      | 54                      | 200          |                      |
| 24                       | 1500                    | 63                      | 3              | 24,4 | 6500                    | 42                      | 30                      | 213          | 138-139              | 24,4 | 7100                    | 46                      | 34                      | 230          | 140-141              |
| 29                       | 1500                    | 52                      |                | -    | -                       | -                       | -                       | -            |                      | 29,4 | 8450                    | 45                      | 34                      | 230          |                      |
| 31                       | 1500                    | 48                      |                | 31,7 | 6390                    | 32                      | 30                      | 213          |                      | 31,8 | 8100                    | 40                      | 34                      | 230          |                      |
| 38                       | 1500                    | 39                      |                | 38,8 | 5850                    | 24                      | 30                      | 213          |                      | 38,7 | 7000                    | 28                      | 34                      | 230          |                      |
| 41                       | 1500                    | 37                      |                | 41,0 | 6370                    | 24                      | 30                      | 213          |                      | 41,8 | 7525                    | 28                      | 34                      | 230          |                      |
| 42                       | 1500                    | 36                      |                | 41,7 | 6370                    | 24                      | 30                      | 213          |                      | -    | -                       | -                       | -                       | -            |                      |
| 51                       | 1500                    | 29                      |                | 51,1 | 5825                    | 18                      | 30                      | 213          |                      | 50,4 | 8770                    | 27                      | 34                      | 230          |                      |
| 54                       | 1500                    | 28                      |                | 53,8 | 6350                    | 19                      | 30                      | 213          |                      | 54,1 | 8200                    | 24                      | 34                      | 230          |                      |
| 61                       | 1500                    | 25                      |                | 61,7 | 6350                    | 16                      | 30                      | 213          |                      | 61,8 | 8200                    | 21                      | 34                      | 230          |                      |
| 65                       | 1500                    | 23                      |                | 66,1 | 5815                    | 14                      | 30                      | 213          |                      | 65,1 | 8750                    | 21                      | 34                      | 230          |                      |
| 75                       | 1500                    | 20                      |                | 75,6 | 5800                    | 12                      | 30                      | 213          |                      | 74,4 | 8720                    | 18                      | 34                      | 230          |                      |
| 79                       | 1500                    | 19                      |                | -    | -                       | -                       | -                       | -            |                      | 79,1 | 8340                    | 17                      | 34                      | 230          |                      |
| 85                       | 1500                    | 18                      |                | 84,8 | 6500                    | 12                      | 30                      | 213          |                      | 85,0 | 8000                    | 15                      | 34                      | 230          |                      |
| 97                       | 1500                    | 15                      |                | 97,0 | 6700                    | 11                      | 30                      | 213          |                      | 97,1 | 8050                    | 13                      | 34                      | 230          |                      |
| 103                      | 1500                    | 15                      |                | 104  | 5970                    | 9                       | 30                      | 213          |                      | 102  | 9000                    | 14                      | 34                      | 230          |                      |
| 117                      | 1500                    | 13                      |                | 119  | 6100                    | 8                       | 30                      | 213          |                      | 117  | 9150                    | 12                      | 34                      | 230          |                      |

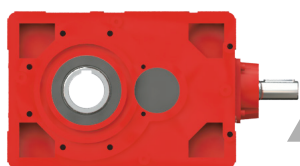


**Prestazioni a 1500 rpm**

Performance tables according to Input Speed 1500 rpm

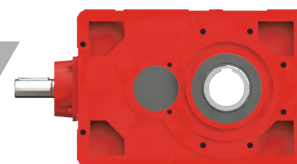
| n <sub>1</sub> =1500 d/d |                         |                         |                | 200  |                         |                         |                         |              |                      | 225  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 6                        | 1500                    | 250                     | 2              | 6,45 | 7950                    | 194                     | 61                      | 315          | 124-125              | -    | -                       | -                       | -                       | -            | 126-127              |
| 8                        | 1500                    | 188                     |                | 8,26 | 10100                   | 192                     | 61                      | 315          |                      | -    | -                       | -                       | -                       | -            |                      |
| 10                       | 1500                    | 150                     |                | 10,7 | 10850                   | 160                     | 61                      | 315          |                      | 10,7 | 13100                   | 192                     | 68                      | 345          |                      |
| 12                       | 1500                    | 125                     |                | 12,7 | 11380                   | 141                     | 61                      | 315          |                      | 12,9 | 15500                   | 188                     | 68                      | 345          |                      |
| 13                       | 1500                    | 115                     |                | 13,2 | 10570                   | 125                     | 61                      | 315          |                      | 13,3 | 12050                   | 143                     | 68                      | 345          |                      |
| 16                       | 1500                    | 94                      |                | 15,7 | 11320                   | 113                     | 61                      | 315          |                      | 16,0 | 14000                   | 137                     | 68                      | 345          |                      |
| 20                       | 1500                    | 75                      |                | 20,7 | 10400                   | 79                      | 61                      | 315          |                      | 20,7 | 10325                   | 78                      | 68                      | 345          |                      |
| 25                       | 1500                    | 60                      |                | 24,6 | 11200                   | 72                      | 61                      | 315          |                      | 25,0 | 12500                   | 79                      | 68                      | 345          |                      |
| 26                       | 1500                    | 58                      | 3              | 26,6 | 12500                   | 74                      | 49                      | 375          | 142-143              | 26,6 | 16000                   | 94                      | 54                      | 400          | 144-145              |
| 32                       | 1500                    | 47                      |                | 32,7 | 12780                   | 61                      | 49                      | 375          |                      | 32,8 | 16200                   | 78                      | 54                      | 400          |                      |
| 39                       | 1500                    | 38                      |                | 39,0 | 11100                   | 45                      | 49                      | 375          |                      | 39,6 | 15300                   | 61                      | 54                      | 400          |                      |
| 41                       | 1500                    | 37                      |                | 41,3 | 12750                   | 49                      | 49                      | 375          |                      | 41,4 | 15800                   | 60                      | 54                      | 400          |                      |
| 50                       | 1500                    | 30                      |                | 49,2 | 11050                   | 35                      | 49                      | 375          |                      | 49,9 | 15250                   | 48                      | 54                      | 400          |                      |
| 53                       | 1500                    | 28                      |                | 53,2 | 12700                   | 37                      | 49                      | 375          |                      | 53,4 | 17500                   | 52                      | 54                      | 400          |                      |
| 62                       | 1500                    | 24                      |                | 61,9 | 12650                   | 32                      | 49                      | 375          |                      | 62,1 | 17500                   | 44                      | 54                      | 400          |                      |
| 64                       | 1500                    | 23                      |                | 63,4 | 11000                   | 27                      | 49                      | 375          |                      | 64,4 | 15150                   | 37                      | 54                      | 400          |                      |
| 74                       | 1500                    | 20                      |                | 73,8 | 11000                   | 23                      | 49                      | 375          |                      | 74,9 | 15100                   | 32                      | 54                      | 400          |                      |
| 78                       | 1500                    | 19                      |                | 78,0 | 11000                   | 22                      | 49                      | 375          |                      | 79,2 | 15125                   | 30                      | 54                      | 400          |                      |
| 84                       | 1500                    | 18                      |                | 84,4 | 13000                   | 24                      | 49                      | 375          |                      | 84,6 | 17500                   | 32                      | 54                      | 400          |                      |
| 98                       | 1500                    | 15                      |                | 98,2 | 13250                   | 21                      | 49                      | 375          |                      | 98,4 | 17800                   | 28                      | 54                      | 400          |                      |
| 102                      | 1500                    | 15                      |                | -    | -                       | -                       | -                       | -            |                      | 103  | 15560                   | 24                      | 54                      | 400          |                      |
| 117                      | 1500                    | 13                      |                | 117  | 11500                   | 15                      | 49                      | 375          |                      | 119  | 15900                   | 21                      | 54                      | 400          |                      |





**Prestazioni a 1500 rpm**  
Performance tables according to Input Speed 1500 rpm

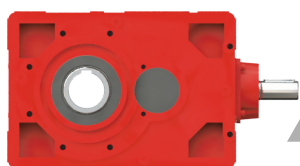
| n <sub>1</sub> =1500 d/d |                         |                         |                | 250  |                         |                         |                         |              |                      | 280  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 8                        | 1500                    | 188                     | 2              | 7,52 | 17900                   | 374                     | 96                      | 645          | 128-129              | 8,09 | 25250                   | 490                     | 138                     | 700          | 130-131              |
| 10                       | 1500                    | 150                     |                | 9,82 | 23400                   | 374                     | 96                      | 645          |                      | 10,3 | 27550                   | 419                     | 138                     | 700          |                      |
| 12                       | 1500                    | 125                     |                | 12,6 | 20000                   | 250                     | 96                      | 645          |                      | 12,9 | 28750                   | 349                     | 138                     | 700          |                      |
| 16                       | 1500                    | 94                      |                | 15,7 | 24700                   | 247                     | 96                      | 645          |                      | 16,1 | 32000                   | 312                     | 138                     | 700          |                      |
| 20                       | 1500                    | 75                      |                | 19,9 | 19250                   | 152                     | 96                      | 645          |                      | 19,9 | 24300                   | 192                     | 138                     | 700          |                      |
| 25                       | 1500                    | 60                      |                | 24,9 | 24000                   | 152                     | 96                      | 645          |                      | 24,8 | 30300                   | 192                     | 138                     | 700          |                      |
| 26                       | 1500                    | 58                      | 3              | 26,2 | 27100                   | 162                     | 77                      | 710          | 146-147              | 26,3 | 31600                   | 189                     | 86                      | 775          | 148-149              |
| 33                       | 1500                    | 45                      |                | 33,6 | 27000                   | 126                     | 77                      | 710          |                      | 33,6 | 39500                   | 185                     | 86                      | 775          |                      |
| 42                       | 1500                    | 36                      |                | 42,0 | 24100                   | 90                      | 77                      | 710          |                      | 41,9 | 35000                   | 131                     | 86                      | 775          |                      |
| 43                       | 1500                    | 35                      |                | 43,4 | 26900                   | 97                      | 77                      | 710          |                      | 43,4 | 37300                   | 135                     | 86                      | 775          |                      |
| 51                       | 1500                    | 29                      |                | 51,7 | 26750                   | 81                      | 77                      | 710          |                      | 51,7 | 37250                   | 113                     | 86                      | 775          |                      |
| 53                       | 1500                    | 28                      |                | 53,7 | 26800                   | 78                      | 77                      | 710          |                      | 53,8 | 39000                   | 114                     | 86                      | 775          |                      |
| 64                       | 1500                    | 23                      |                | 64,0 | 26650                   | 65                      | 77                      | 710          |                      | 64,1 | 37150                   | 91                      | 86                      | 775          |                      |
| 67                       | 1500                    | 22                      |                | 67,2 | 23900                   | 56                      | 77                      | 710          |                      | 67,0 | 34300                   | 80                      | 86                      | 775          |                      |
| 80                       | 1500                    | 19                      |                | 80,0 | 23900                   | 47                      | 77                      | 710          |                      | 79,8 | 34200                   | 67                      | 86                      | 775          |                      |
| 81                       | 1500                    | 19                      |                | 81,2 | 23800                   | 46                      | 77                      | 710          |                      | 81,1 | 34200                   | 66                      | 86                      | 775          |                      |
| 84                       | 1500                    | 18                      |                | 84,0 | 27300                   | 51                      | 77                      | 710          |                      | 84,0 | 40000                   | 75                      | 86                      | 775          |                      |
| 100                      | 1500                    | 15                      |                | 100  | 28000                   | 44                      | 77                      | 710          |                      | 100  | 36750                   | 58                      | 86                      | 775          |                      |
| 105                      | 1500                    | 14                      |                | 105  | 24600                   | 37                      | 77                      | 710          |                      | 105  | 35000                   | 53                      | 86                      | 775          |                      |
| 125                      | 1500                    | 12                      |                | 125  | 25100                   | 32                      | 77                      | 710          |                      | 125  | 36000                   | 45                      | 86                      | 775          |                      |



**Prestazioni a 1500 rpm**

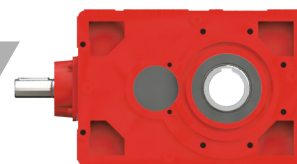
Performance tables according to Input Speed 1500 rpm

| n <sub>1</sub> =1500 d/d |                         |                         |                | 320  |                         |                         |                         |              |                      | 360  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 6                        | 1500                    | 250                     | 2              | 6,15 | 31900                   | 815                     | 154                     | 1200         | 132-133              | -    | -                       | -                       | -                       | -            | 134-135              |
| 7                        | 1500                    | 214                     |                | 7,50 | 37500                   | 785                     | 154                     | 1200         |                      | 7,53 | 39000                   | 813                     | 215                     | 1355         |                      |
| 10                       | 1500                    | 150                     |                | 9,83 | 39300                   | 628                     | 154                     | 1200         |                      | 10,1 | 52350                   | 814                     | 215                     | 1355         |                      |
| 11                       | 1500                    | 136                     |                | 11,9 | 47400                   | 625                     | 154                     | 1200         |                      | 11,8 | 61000                   | 815                     | 215                     | 1355         |                      |
| 12                       | 1500                    | 125                     |                | 12,6 | 38750                   | 483                     | 154                     | 1200         |                      | 13,0 | 55000                   | 667                     | 215                     | 1355         |                      |
| 15                       | 1500                    | 100                     |                | 15,3 | 46700                   | 480                     | 154                     | 1200         |                      | 15,1 | 64000                   | 666                     | 215                     | 1355         |                      |
| 20                       | 1500                    | 75                      |                | 19,8 | 38750                   | 307                     | 154                     | 1200         |                      | 20,4 | 47125                   | 364                     | 215                     | 1355         |                      |
| 24                       | 1500                    | 63                      |                | 24,1 | 46500                   | 304                     | 154                     | 1200         |                      | 23,7 | 54700                   | 362                     | 215                     | 1355         |                      |
| 27                       | 1500                    | 56                      | 3              | 26,5 | 53400                   | 316                     | 122                     | 1350         | 150-151              | 27,2 | 66700                   | 385                     | 138                     | 1550         | 152-153              |
| 32                       | 1500                    | 47                      |                | 32,2 | 51500                   | 251                     | 122                     | 1350         |                      | 31,7 | 71000                   | 351                     | 138                     | 1550         |                      |
| 33                       | 1500                    | 45                      |                | 32,7 | 53850                   | 259                     | 122                     | 1350         |                      | 33,6 | 73300                   | 343                     | 138                     | 1550         |                      |
| 39                       | 1500                    | 38                      |                | 39,7 | 51300                   | 203                     | 122                     | 1350         |                      | 39,1 | 71000                   | 285                     | 138                     | 1550         |                      |
| 40                       | 1500                    | 38                      |                | 40,3 | 55000                   | 215                     | 122                     | 1350         |                      | 41,3 | 65200                   | 248                     | 138                     | 1550         |                      |
| 48                       | 1500                    | 31                      |                | 48,8 | 51000                   | 164                     | 122                     | 1350         |                      | 48,2 | 71000                   | 231                     | 138                     | 1550         |                      |
| 53                       | 1500                    | 28                      |                | 52,6 | 56650                   | 169                     | 122                     | 1350         |                      | 54,0 | 73400                   | 214                     | 138                     | 1550         |                      |
| 63                       | 1500                    | 24                      |                | 63,8 | 51000                   | 126                     | 122                     | 1350         |                      | 62,9 | 70150                   | 175                     | 138                     | 1550         |                      |
| 66                       | 1500                    | 23                      |                | 65,7 | 57000                   | 136                     | 122                     | 1350         |                      | 67,5 | 73400                   | 171                     | 138                     | 1550         |                      |
| 79                       | 1500                    | 19                      |                | 79,7 | 50650                   | 100                     | 122                     | 1350         |                      | 78,6 | 69850                   | 140                     | 138                     | 1550         |                      |
| 85                       | 1500                    | 18                      |                | 84,4 | 58800                   | 109                     | 122                     | 1350         |                      | 86,7 | 63700                   | 115                     | 138                     | 1550         |                      |
| 102                      | 1500                    | 15                      |                | 102  | 52000                   | 80                      | 122                     | 1350         |                      | 101  | 71000                   | 110                     | 138                     | 1550         |                      |
| 107                      | 1500                    | 14                      |                | 106  | 60600                   | 90                      | 122                     | 1350         |                      | 108  | 73450                   | 106                     | 138                     | 1550         |                      |
| 127                      | 1500                    | 12                      |                | 128  | 53600                   | 66                      | 122                     | 1350         |                      | 126  | 71000                   | 88                      | 138                     | 1550         |                      |



**Prestazioni a 1800 rpm**  
Performance tables according to Input Speed 1800 rpm

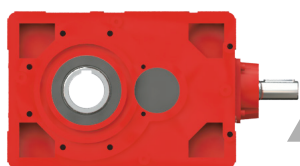
| n <sub>1</sub> =1800 d/d |                         |                         |                | 125  |                         |                         |                         |              |                      | 140  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 6                        | 1800                    | 300                     | 2              | 5,98 | 1715                    | 54                      | 24                      | 92           | 116-117              | -    | -                       | -                       | -                       | -            | 118-119              |
| 7                        | 1800                    | 257                     |                | 7,77 | 2230                    | 54                      | 24                      | 92           |                      | 7,45 | 2127                    | 54                      | 33                      | 113          |                      |
| 10                       | 1800                    | 180                     |                | 10,0 | 2793                    | 52                      | 24                      | 92           |                      | 9,87 | 2822                    | 54                      | 33                      | 113          |                      |
| 12                       | 1800                    | 150                     |                | 11,5 | 2766                    | 45                      | 24                      | 92           |                      | 12,1 | 3459                    | 54                      | 33                      | 113          |                      |
| 13                       | 1800                    | 138                     |                | 13,2 | 2205                    | 31                      | 24                      | 92           |                      | 13,0 | 2337                    | 34                      | 33                      | 113          |                      |
| 15                       | 1800                    | 120                     |                | 15,1 | 2254                    | 28                      | 24                      | 92           |                      | 15,9 | 2867                    | 34                      | 33                      | 113          |                      |
| 20                       | 1800                    | 90                      |                | 20,8 | 2185                    | 20                      | 24                      | 92           |                      | 20,4 | 2156                    | 20                      | 33                      | 113          |                      |
| 24                       | 1800                    | 75                      |                | 23,8 | 2499                    | 20                      | 24                      | 92           |                      | 25,0 | 2646                    | 20                      | 33                      | 113          |                      |
| 25                       | 1800                    | 72                      | 3              | -    | -                       | -                       | -                       | -            |                      | 25,7 | 3479                    | 25                      | 22                      | 120          | 136-137              |
| 31                       | 1800                    | 58                      |                | -    | -                       | -                       | -                       | -            |                      | 31,2 | 3920                    | 24                      | 22                      | 120          |                      |
| 38                       | 1800                    | 47                      |                | -    | -                       | -                       | -                       | -            |                      | 38,3 | 3459                    | 17                      | 22                      | 120          |                      |
| 39                       | 1800                    | 46                      |                | -    | -                       | -                       | -                       | -            |                      | 38,7 | 3998                    | 19                      | 22                      | 120          |                      |
| 41                       | 1800                    | 44                      |                | -    | -                       | -                       | -                       | -            |                      | 40,9 | 3303                    | 15                      | 22                      | 120          |                      |
| 50                       | 1800                    | 36                      |                | -    | -                       | -                       | -                       | -            |                      | 50,7 | 3969                    | 15                      | 22                      | 120          |                      |
| 64                       | 1800                    | 28                      |                | -    | -                       | -                       | -                       | -            |                      | 63,9 | 4018                    | 12                      | 22                      | 120          |                      |
| 78                       | 1800                    | 23                      |                | -    | -                       | -                       | -                       | -            |                      | 78,3 | 3430                    | 8                       | 22                      | 120          |                      |
| 95                       | 1800                    | 19                      |                | -    | -                       | -                       | -                       | -            |                      | 95,3 | 3489                    | 7                       | 22                      | 120          |                      |
| 98                       | 1800                    | 18                      |                | -    | -                       | -                       | -                       | -            |                      | 97,9 | 4214                    | 8                       | 22                      | 120          |                      |
| 120                      | 1800                    | 15                      |                | -    | -                       | -                       | -                       | -            |                      | 120  | 3606                    | 6                       | 22                      | 120          |                      |



**Prestazioni a 1800 rpm**

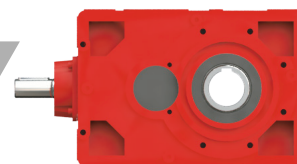
Performance tables according to Input Speed 1800 rpm

| n <sub>1</sub> =1800 d/d |                         |                         |                | 160  |                         |                         |                         |              |                      | 180  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 6                        | 1800                    | 300                     | 2              | 6,43 | 3920                    | 115                     | 37                      | 156          | 120-121              | -    | -                       | -                       | -                       | -            | 122-123              |
| 8                        | 1800                    | 225                     |                | 7,93 | 4851                    | 115                     | 37                      | 156          |                      | 7,68 | 4704                    | 115                     | 52                      | 200          |                      |
| 10                       | 1800                    | 180                     |                | 10,2 | 6125                    | 113                     | 37                      | 156          |                      | 10,2 | 6272                    | 116                     | 52                      | 200          |                      |
| 12                       | 1800                    | 150                     |                | 12,9 | 4900                    | 72                      | 37                      | 156          |                      | 12,3 | 7350                    | 113                     | 52                      | 200          |                      |
| 13                       | 1800                    | 138                     |                | -    | -                       | -                       | -                       | -            |                      | 12,9 | 4920                    | 72                      | 52                      | 200          |                      |
| 15                       | 1800                    | 120                     |                | 15,8 | 5047                    | 60                      | 37                      | 156          |                      | 15,5 | 5880                    | 71                      | 52                      | 200          |                      |
| 20                       | 1800                    | 90                      |                | 20,4 | 4704                    | 43                      | 37                      | 156          |                      | 20,5 | 4753                    | 44                      | 52                      | 200          |                      |
| 25                       | 1800                    | 72                      |                | 25,0 | 5782                    | 44                      | 37                      | 156          |                      | 24,6 | 5733                    | 44                      | 52                      | 200          |                      |
| 24                       | 1800                    | 75                      | 3              | 24,4 | 6370                    | 49                      | 29                      | 213          | 138-139              | 24,4 | 6958                    | 54                      | 33                      | 230          | 140-141              |
| 29                       | 1800                    | 62                      |                | -    | -                       | -                       | -                       | -            |                      | 29,4 | 8281                    | 53                      | 33                      | 230          |                      |
| 31                       | 1800                    | 58                      |                | 31,7 | 6262                    | 37                      | 29                      | 213          |                      | 31,8 | 7938                    | 47                      | 33                      | 230          |                      |
| 38                       | 1800                    | 47                      |                | 38,8 | 5733                    | 28                      | 29                      | 213          |                      | 38,7 | 6860                    | 33                      | 33                      | 230          |                      |
| 41                       | 1800                    | 44                      |                | 41,0 | 6243                    | 29                      | 29                      | 213          |                      | 41,8 | 7375                    | 33                      | 33                      | 230          |                      |
| 42                       | 1800                    | 43                      |                | 41,7 | 6243                    | 28                      | 29                      | 213          |                      | -    | -                       | -                       | -                       | -            |                      |
| 51                       | 1800                    | 35                      |                | 51,1 | 5709                    | 21                      | 29                      | 213          |                      | 50,4 | 8595                    | 32                      | 33                      | 230          |                      |
| 54                       | 1800                    | 33                      |                | 53,8 | 6223                    | 22                      | 29                      | 213          |                      | 54,1 | 8036                    | 28                      | 33                      | 230          |                      |
| 61                       | 1800                    | 30                      |                | 61,7 | 6223                    | 19                      | 29                      | 213          |                      | 61,8 | 8036                    | 24                      | 33                      | 230          |                      |
| 65                       | 1800                    | 28                      |                | 66,1 | 5699                    | 16                      | 29                      | 213          |                      | 65,1 | 8575                    | 25                      | 33                      | 230          |                      |
| 75                       | 1800                    | 24                      |                | 75,6 | 5684                    | 14                      | 29                      | 213          |                      | 74,4 | 8546                    | 22                      | 33                      | 230          |                      |
| 79                       | 1800                    | 23                      |                | -    | -                       | -                       | -                       | -            |                      | 79,1 | 8173                    | 19                      | 33                      | 230          |                      |
| 85                       | 1800                    | 21                      |                | 84,8 | 6370                    | 14                      | 29                      | 213          |                      | 85,0 | 7840                    | 17                      | 33                      | 230          |                      |
| 97                       | 1800                    | 19                      |                | 97,0 | 6566                    | 13                      | 29                      | 213          |                      | 97,1 | 7889                    | 15                      | 33                      | 230          |                      |
| 103                      | 1800                    | 17                      |                | 104  | 5851                    | 11                      | 29                      | 213          |                      | 102  | 8820                    | 16                      | 33                      | 230          |                      |
| 117                      | 1800                    | 15                      |                | 119  | 5978                    | 9                       | 29                      | 213          |                      | 117  | 8967                    | 14                      | 33                      | 230          |                      |



**Prestazioni a 1800 rpm**  
Performance tables according to Input Speed 1800 rpm

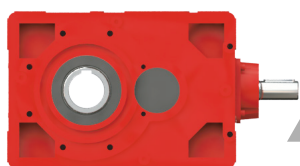
| n <sub>1</sub> =1800 d/d |                         |                         |                | 200  |                         |                         |                         |              |                      | 225  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 6                        | 1800                    | 300                     | 2              | 6,45 | 7791                    | 228                     | 58                      | 315          | 124-125              | -    | -                       | -                       | -                       | -            | 126-127              |
| 8                        | 1800                    | 225                     |                | 8,26 | 9898                    | 226                     | 58                      | 315          |                      | -    | -                       | -                       | -                       | -            |                      |
| 10                       | 1800                    | 180                     |                | 10,7 | 10633                   | 188                     | 58                      | 315          |                      | 10,7 | 12838                   | 226                     | 64                      | 345          |                      |
| 12                       | 1800                    | 150                     |                | 12,7 | 11152                   | 165                     | 58                      | 315          |                      | 12,9 | 15190                   | 222                     | 64                      | 345          |                      |
| 13                       | 1800                    | 138                     |                | 13,2 | 10359                   | 148                     | 58                      | 315          |                      | 13,3 | 11809                   | 168                     | 64                      | 345          |                      |
| 16                       | 1800                    | 113                     |                | 15,7 | 11094                   | 133                     | 58                      | 315          |                      | 16,0 | 13720                   | 162                     | 64                      | 345          |                      |
| 20                       | 1800                    | 90                      |                | 20,7 | 10192                   | 93                      | 58                      | 315          |                      | 20,7 | 10119                   | 92                      | 64                      | 345          |                      |
| 25                       | 1800                    | 72                      |                | 24,6 | 10976                   | 84                      | 58                      | 315          |                      | 25,0 | 12250                   | 92                      | 64                      | 345          |                      |
| 26                       | 1800                    | 69                      | 3              | 26,6 | 12250                   | 87                      | 46                      | 375          | 142-143              | 26,6 | 15680                   | 111                     | 52                      | 400          | 144-145              |
| 32                       | 1800                    | 56                      |                | 32,7 | 12524                   | 72                      | 46                      | 375          |                      | 32,8 | 15876                   | 91                      | 52                      | 400          |                      |
| 39                       | 1800                    | 46                      |                | 39,0 | 10878                   | 53                      | 46                      | 375          |                      | 39,6 | 14994                   | 71                      | 52                      | 400          |                      |
| 41                       | 1800                    | 44                      |                | 41,3 | 12495                   | 57                      | 46                      | 375          |                      | 41,4 | 15484                   | 71                      | 52                      | 400          |                      |
| 50                       | 1800                    | 36                      |                | 49,2 | 10829                   | 42                      | 46                      | 375          |                      | 49,9 | 14945                   | 56                      | 52                      | 400          |                      |
| 53                       | 1800                    | 34                      |                | 53,2 | 12446                   | 44                      | 46                      | 375          |                      | 53,4 | 17150                   | 61                      | 52                      | 400          |                      |
| 62                       | 1800                    | 29                      |                | 61,9 | 12397                   | 38                      | 46                      | 375          |                      | 62,1 | 17150                   | 52                      | 52                      | 400          |                      |
| 64                       | 1800                    | 28                      |                | 63,4 | 10780                   | 32                      | 46                      | 375          |                      | 64,4 | 14847                   | 43                      | 52                      | 400          |                      |
| 74                       | 1800                    | 24                      |                | 73,8 | 10780                   | 28                      | 46                      | 375          |                      | 74,9 | 14798                   | 37                      | 52                      | 400          |                      |
| 78                       | 1800                    | 23                      |                | 78,0 | 10780                   | 26                      | 46                      | 375          |                      | 79,2 | 14823                   | 35                      | 52                      | 400          |                      |
| 84                       | 1800                    | 21                      |                | 84,4 | 12740                   | 28                      | 46                      | 375          |                      | 84,6 | 17150                   | 38                      | 52                      | 400          |                      |
| 98                       | 1800                    | 18                      |                | 98,2 | 12985                   | 25                      | 46                      | 375          |                      | 98,4 | 17444                   | 33                      | 52                      | 400          |                      |
| 102                      | 1800                    | 18                      |                | -    | -                       | -                       | -                       | -            |                      | 103  | 15249                   | 28                      | 52                      | 400          |                      |
| 117                      | 1800                    | 15                      |                | 117  | 11270                   | 18                      | 46                      | 375          |                      | 119  | 15582                   | 25                      | 52                      | 400          |                      |



**Prestazioni a 1800 rpm**

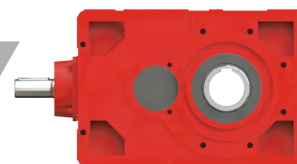
Performance tables according to Input Speed 1800 rpm

| n <sub>1</sub> =1800 d/d |                         |                         |                | 250  |                         |                         |                         |              |                      | 280  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 8                        | 1800                    | 225                     | 2              | 7,52 | 17542                   | 440                     | 91                      | 645          | 128-129              | 8,09 | 24745                   | 577                     | 131                     | 700          | 130-131              |
| 10                       | 1800                    | 180                     |                | 9,82 | 22932                   | 440                     | 91                      | 645          |                      | 10,3 | 26999                   | 493                     | 131                     | 700          |                      |
| 12                       | 1800                    | 150                     |                | 12,6 | 19600                   | 294                     | 91                      | 645          |                      | 12,9 | 28175                   | 410                     | 131                     | 700          |                      |
| 16                       | 1800                    | 113                     |                | 15,7 | 24206                   | 291                     | 91                      | 645          |                      | 16,1 | 31360                   | 367                     | 131                     | 700          |                      |
| 20                       | 1800                    | 90                      |                | 19,9 | 18865                   | 179                     | 91                      | 645          |                      | 19,9 | 23814                   | 225                     | 131                     | 700          |                      |
| 25                       | 1800                    | 72                      |                | 24,9 | 23520                   | 178                     | 91                      | 645          |                      | 24,8 | 29694                   | 225                     | 131                     | 700          |                      |
| 26                       | 1800                    | 69                      | 3              | 26,2 | 26558                   | 191                     | 73                      | 710          | 146-147              | 26,3 | 30968                   | 222                     | 82                      | 775          | 148-149              |
| 33                       | 1800                    | 55                      |                | 33,6 | 26460                   | 149                     | 73                      | 710          |                      | 33,6 | 38710                   | 217                     | 82                      | 775          |                      |
| 42                       | 1800                    | 43                      |                | 42,0 | 23618                   | 106                     | 73                      | 710          |                      | 41,9 | 34300                   | 154                     | 82                      | 775          |                      |
| 43                       | 1800                    | 42                      |                | 43,4 | 26362                   | 115                     | 73                      | 710          |                      | 43,4 | 36554                   | 159                     | 82                      | 775          |                      |
| 51                       | 1800                    | 35                      |                | 51,7 | 26215                   | 96                      | 73                      | 710          |                      | 51,7 | 36505                   | 133                     | 82                      | 775          |                      |
| 53                       | 1800                    | 34                      |                | 53,7 | 26264                   | 92                      | 73                      | 710          |                      | 53,8 | 38220                   | 134                     | 82                      | 775          |                      |
| 64                       | 1800                    | 28                      |                | 64,0 | 26117                   | 77                      | 73                      | 710          |                      | 64,1 | 36407                   | 107                     | 82                      | 775          |                      |
| 67                       | 1800                    | 27                      |                | 67,2 | 23422                   | 66                      | 73                      | 710          |                      | 67,0 | 33614                   | 95                      | 82                      | 775          |                      |
| 80                       | 1800                    | 23                      |                | 80,0 | 23422                   | 55                      | 73                      | 710          |                      | 79,8 | 33516                   | 79                      | 82                      | 775          |                      |
| 81                       | 1800                    | 22                      |                | 81,2 | 23324                   | 54                      | 73                      | 710          |                      | 81,1 | 33516                   | 78                      | 82                      | 775          |                      |
| 84                       | 1800                    | 21                      |                | 84,0 | 26754                   | 60                      | 73                      | 710          |                      | 84,0 | 39200                   | 88                      | 82                      | 775          |                      |
| 100                      | 1800                    | 18                      |                | 100  | 27440                   | 52                      | 73                      | 710          |                      | 100  | 36015                   | 68                      | 82                      | 775          |                      |
| 105                      | 1800                    | 17                      |                | 105  | 24108                   | 43                      | 73                      | 710          |                      | 105  | 34300                   | 62                      | 82                      | 775          |                      |
| 125                      | 1800                    | 14                      |                | 125  | 24598                   | 37                      | 73                      | 710          |                      | 125  | 35280                   | 53                      | 82                      | 775          |                      |



**Prestazioni a 1800 rpm**  
Performance tables according to Input Speed 1800 rpm

| n <sub>1</sub> =1800 d/d |                         |                         |                | 320  |                         |                         |                         |              |                      | 360  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 6                        | 1800                    | 300                     | 2              | 6,15 | 31262                   | 958                     | 146                     | 1200         | 132-133              | -    | -                       | -                       | -                       | -            | 134-135              |
| 7                        | 1800                    | 257                     |                | 7,50 | 36750                   | 924                     | 146                     | 1200         |                      | 7,53 | 38220                   | 957                     | 204                     | 1355         |                      |
| 10                       | 1800                    | 180                     |                | 9,83 | 38514                   | 738                     | 146                     | 1200         |                      | 10,1 | 51303                   | 957                     | 204                     | 1355         |                      |
| 11                       | 1800                    | 164                     |                | 11,9 | 46452                   | 735                     | 146                     | 1200         |                      | 11,8 | 59780                   | 958                     | 204                     | 1355         |                      |
| 12                       | 1800                    | 150                     |                | 12,6 | 37975                   | 568                     | 146                     | 1200         |                      | 13,0 | 53900                   | 784                     | 204                     | 1355         |                      |
| 15                       | 1800                    | 120                     |                | 15,3 | 45766                   | 564                     | 146                     | 1200         |                      | 15,1 | 62720                   | 783                     | 204                     | 1355         |                      |
| 20                       | 1800                    | 90                      |                | 19,8 | 37975                   | 361                     | 146                     | 1200         |                      | 20,4 | 46183                   | 428                     | 204                     | 1355         |                      |
| 24                       | 1800                    | 75                      |                | 24,1 | 45570                   | 357                     | 146                     | 1200         |                      | 23,7 | 53606                   | 426                     | 204                     | 1355         |                      |
| 27                       | 1800                    | 67                      | 3              | 26,5 | 52332                   | 372                     | 115                     | 1350         | 150-151              | 27,2 | 65366                   | 452                     | 131                     | 1550         | 152-153              |
| 32                       | 1800                    | 56                      |                | 32,2 | 50470                   | 296                     | 115                     | 1350         |                      | 31,7 | 69580                   | 413                     | 131                     | 1550         |                      |
| 33                       | 1800                    | 55                      |                | 32,7 | 52773                   | 304                     | 115                     | 1350         |                      | 33,6 | 71834                   | 403                     | 131                     | 1550         |                      |
| 39                       | 1800                    | 46                      |                | 39,7 | 50274                   | 239                     | 115                     | 1350         |                      | 39,1 | 69580                   | 335                     | 131                     | 1550         |                      |
| 40                       | 1800                    | 45                      |                | 40,3 | 53900                   | 252                     | 115                     | 1350         |                      | 41,3 | 63896                   | 291                     | 131                     | 1550         |                      |
| 48                       | 1800                    | 38                      |                | 48,8 | 49980                   | 193                     | 115                     | 1350         |                      | 48,2 | 69580                   | 272                     | 131                     | 1550         |                      |
| 53                       | 1800                    | 34                      |                | 52,6 | 55517                   | 199                     | 115                     | 1350         |                      | 54,0 | 71932                   | 251                     | 131                     | 1550         |                      |
| 63                       | 1800                    | 29                      |                | 63,8 | 49980                   | 148                     | 115                     | 1350         |                      | 62,9 | 68747                   | 206                     | 131                     | 1550         |                      |
| 66                       | 1800                    | 27                      |                | 65,7 | 55860                   | 160                     | 115                     | 1350         |                      | 67,5 | 71932                   | 201                     | 131                     | 1550         |                      |
| 79                       | 1800                    | 23                      |                | 79,7 | 49637                   | 117                     | 115                     | 1350         |                      | 78,6 | 68453                   | 164                     | 131                     | 1550         |                      |
| 85                       | 1800                    | 21                      |                | 84,4 | 57624                   | 129                     | 115                     | 1350         |                      | 86,7 | 62426                   | 136                     | 131                     | 1550         |                      |
| 102                      | 1800                    | 18                      |                | 102  | 50960                   | 94                      | 115                     | 1350         |                      | 101  | 69580                   | 130                     | 131                     | 1550         |                      |
| 107                      | 1800                    | 17                      |                | 106  | 59388                   | 106                     | 115                     | 1350         |                      | 108  | 71981                   | 125                     | 131                     | 1550         |                      |
| 127                      | 1800                    | 14                      |                | 128  | 52528                   | 77                      | 115                     | 1350         |                      | 126  | 69580                   | 104                     | 131                     | 1550         |                      |

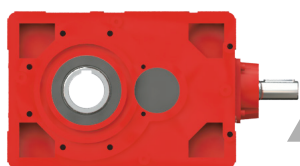


**Prestazioni a 1200 rpm**

Performance tables according to Input Speed 1200 rpm

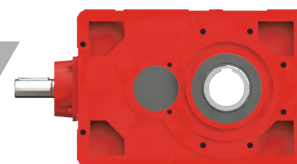
| n <sub>1</sub> =1200 d/d |                         |                         |                | 125  |                         |                         |                         |              |                      | 140  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 6                        | 1200                    | 200                     | 2              | 5,98 | 1785                    | 38                      | 28                      | 92           | 116-117              | -    | -                       | -                       | -                       | -            | 118-119              |
| 7                        | 1200                    | 171                     |                | 7,77 | 2321                    | 38                      | 28                      | 92           |                      | 7,45 | 2213                    | 37                      | 38                      | 113          |                      |
| 10                       | 1200                    | 120                     |                | 10,0 | 2907                    | 36                      | 28                      | 92           |                      | 9,87 | 2938                    | 37                      | 38                      | 113          |                      |
| 12                       | 1200                    | 100                     |                | 11,5 | 2878                    | 32                      | 28                      | 92           |                      | 12,1 | 3601                    | 37                      | 38                      | 113          |                      |
| 13                       | 1200                    | 92                      |                | 13,2 | 2295                    | 22                      | 28                      | 92           |                      | 13,0 | 2433                    | 24                      | 38                      | 113          |                      |
| 15                       | 1200                    | 80                      |                | 15,1 | 2346                    | 20                      | 28                      | 92           |                      | 15,9 | 2984                    | 24                      | 38                      | 113          |                      |
| 20                       | 1200                    | 60                      |                | 20,8 | 2275                    | 14                      | 28                      | 92           |                      | 20,4 | 2244                    | 14                      | 38                      | 113          |                      |
| 24                       | 1200                    | 50                      |                | 23,8 | 2601                    | 14                      | 28                      | 92           |                      | 25,0 | 2754                    | 14                      | 38                      | 113          |                      |
| 25                       | 1200                    | 48                      | 3              | -    | -                       | -                       | -                       | -            |                      | 25,7 | 3621                    | 18                      | 25                      | 120          | 136-137              |
| 31                       | 1200                    | 39                      |                | -    | -                       | -                       | -                       | -            |                      | 31,2 | 4080                    | 16                      | 25                      | 120          |                      |
| 38                       | 1200                    | 32                      |                | -    | -                       | -                       | -                       | -            |                      | 38,3 | 3601                    | 12                      | 25                      | 120          |                      |
| 39                       | 1200                    | 31                      |                | -    | -                       | -                       | -                       | -            |                      | 38,7 | 4162                    | 14                      | 25                      | 120          |                      |
| 41                       | 1200                    | 29                      |                | -    | -                       | -                       | -                       | -            |                      | 40,9 | 3437                    | 11                      | 25                      | 120          |                      |
| 50                       | 1200                    | 24                      |                | -    | -                       | -                       | -                       | -            |                      | 50,7 | 4131                    | 10                      | 25                      | 120          |                      |
| 64                       | 1200                    | 19                      |                | -    | -                       | -                       | -                       | -            |                      | 63,9 | 4182                    | 8                       | 25                      | 120          |                      |
| 78                       | 1200                    | 15                      |                | -    | -                       | -                       | -                       | -            |                      | 78,3 | 3570                    | 6                       | 25                      | 120          |                      |
| 95                       | 1200                    | 13                      |                | -    | -                       | -                       | -                       | -            |                      | 95,3 | 3631                    | 5                       | 25                      | 120          |                      |
| 98                       | 1200                    | 12                      |                | -    | -                       | -                       | -                       | -            |                      | 97,9 | 4386                    | 6                       | 25                      | 120          |                      |
| 120                      | 1200                    | 10                      |                | -    | -                       | -                       | -                       | -            |                      | 120  | 3754                    | 4                       | 25                      | 120          |                      |





**Prestazioni a 1200 rpm**  
Performance tables according to Input Speed 1200 rpm

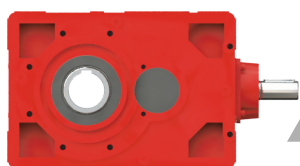
| n <sub>1</sub> =1200 d/d |                         |                         |                | 160  |                         |                         |                         |              |                      | 180  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 6                        | 1200                    | 200                     | 2              | 6,43 | 4080                    | 80                      | 42                      | 156          | 120-121              | -    | -                       | -                       | -                       | -            | 122-123              |
| 8                        | 1200                    | 150                     |                | 7,93 | 5049                    | 80                      | 42                      | 156          |                      | 7,68 | 4896                    | 80                      | 60                      | 200          |                      |
| 10                       | 1200                    | 120                     |                | 10,2 | 6375                    | 79                      | 42                      | 156          |                      | 10,2 | 6528                    | 80                      | 60                      | 200          |                      |
| 12                       | 1200                    | 100                     |                | 12,9 | 5100                    | 50                      | 42                      | 156          |                      | 12,3 | 7650                    | 78                      | 60                      | 200          |                      |
| 13                       | 1200                    | 92                      |                | -    | -                       | -                       | -                       | -            |                      | 12,9 | 5120                    | 50                      | 60                      | 200          |                      |
| 15                       | 1200                    | 80                      |                | 15,8 | 5253                    | 42                      | 42                      | 156          |                      | 15,5 | 6120                    | 50                      | 60                      | 200          |                      |
| 20                       | 1200                    | 60                      |                | 20,4 | 4896                    | 30                      | 42                      | 156          |                      | 20,5 | 4947                    | 30                      | 60                      | 200          |                      |
| 25                       | 1200                    | 48                      |                | 25,0 | 6018                    | 30                      | 42                      | 156          |                      | 24,6 | 5967                    | 30                      | 60                      | 200          |                      |
| 24                       | 1200                    | 50                      | 3              | 24,4 | 6630                    | 34                      | 33                      | 213          | 138-139              | 24,4 | 7242                    | 37                      | 38                      | 230          | 140-141              |
| 29                       | 1200                    | 41                      |                | -    | -                       | -                       | -                       | -            |                      | 29,4 | 8619                    | 37                      | 38                      | 230          |                      |
| 31                       | 1200                    | 39                      |                | 31,7 | 6518                    | 26                      | 33                      | 213          |                      | 31,8 | 8262                    | 33                      | 38                      | 230          |                      |
| 38                       | 1200                    | 32                      |                | 38,8 | 5967                    | 19                      | 33                      | 213          |                      | 38,7 | 7140                    | 23                      | 38                      | 230          |                      |
| 41                       | 1200                    | 29                      |                | 41,0 | 6497                    | 20                      | 33                      | 213          |                      | 41,8 | 7676                    | 23                      | 38                      | 230          |                      |
| 42                       | 1200                    | 29                      |                | 41,7 | 6497                    | 20                      | 33                      | 213          |                      | -    | -                       | -                       | -                       | -            |                      |
| 51                       | 1200                    | 24                      |                | 51,1 | 5942                    | 15                      | 33                      | 213          |                      | 50,4 | 8945                    | 22                      | 38                      | 230          |                      |
| 54                       | 1200                    | 22                      |                | 53,8 | 6477                    | 15                      | 33                      | 213          |                      | 54,1 | 8364                    | 19                      | 38                      | 230          |                      |
| 61                       | 1200                    | 20                      |                | 61,7 | 6477                    | 13                      | 33                      | 213          |                      | 61,8 | 8364                    | 17                      | 38                      | 230          |                      |
| 65                       | 1200                    | 18                      |                | 66,1 | 5931                    | 11                      | 33                      | 213          |                      | 65,1 | 8925                    | 17                      | 38                      | 230          |                      |
| 75                       | 1200                    | 16                      |                | 75,6 | 5916                    | 10                      | 33                      | 213          |                      | 74,4 | 8894                    | 15                      | 38                      | 230          |                      |
| 79                       | 1200                    | 15                      |                | -    | -                       | -                       | -                       | -            |                      | 79,1 | 8507                    | 14                      | 38                      | 230          |                      |
| 85                       | 1200                    | 14                      |                | 84,8 | 6630                    | 10                      | 33                      | 213          |                      | 85,0 | 8160                    | 12                      | 38                      | 230          |                      |
| 97                       | 1200                    | 12                      |                | 97,0 | 6834                    | 9                       | 33                      | 213          |                      | 97,1 | 8211                    | 11                      | 38                      | 230          |                      |
| 103                      | 1200                    | 12                      |                | 104  | 6089                    | 7                       | 33                      | 213          |                      | 102  | 9180                    | 11                      | 38                      | 230          |                      |
| 117                      | 1200                    | 10                      |                | 119  | 6222                    | 7                       | 33                      | 213          |                      | 117  | 9333                    | 10                      | 38                      | 230          |                      |



**Prestazioni a 1200 rpm**

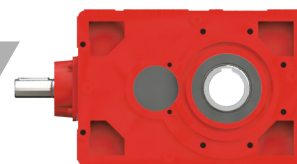
Performance tables according to Input Speed 1200 rpm

| n <sub>1</sub> =1200 d/d |                         |                         |                | 200  |                         |                         |                         |              |                      | 225  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 6                        | 1200                    | 200                     | 2              | 6,45 | 8109                    | 158                     | 67                      | 315          | 124-125              | -    | -                       | -                       | -                       | -            | 126-127              |
| 8                        | 1200                    | 150                     |                | 8,26 | 10302                   | 157                     | 67                      | 315          |                      | -    | -                       | -                       | -                       | -            |                      |
| 10                       | 1200                    | 120                     |                | 10,7 | 11067                   | 130                     | 67                      | 315          |                      | 10,7 | 13362                   | 157                     | 74                      | 345          |                      |
| 12                       | 1200                    | 100                     |                | 12,7 | 11608                   | 115                     | 67                      | 315          |                      | 12,9 | 15810                   | 154                     | 74                      | 345          |                      |
| 13                       | 1200                    | 92                      |                | 13,2 | 10781                   | 102                     | 67                      | 315          |                      | 13,3 | 12291                   | 116                     | 74                      | 345          |                      |
| 16                       | 1200                    | 75                      |                | 15,7 | 11546                   | 92                      | 67                      | 315          |                      | 16,0 | 14280                   | 112                     | 74                      | 345          |                      |
| 20                       | 1200                    | 60                      |                | 20,7 | 10608                   | 64                      | 67                      | 315          |                      | 20,7 | 10532                   | 64                      | 74                      | 345          |                      |
| 25                       | 1200                    | 48                      |                | 24,6 | 11424                   | 58                      | 67                      | 315          |                      | 25,0 | 12750                   | 64                      | 74                      | 345          |                      |
| 26                       | 1200                    | 46                      | 3              | 26,6 | 12750                   | 60                      | 53                      | 375          | 142-143              | 26,6 | 16320                   | 77                      | 60                      | 400          | 144-145              |
| 32                       | 1200                    | 38                      |                | 32,7 | 13036                   | 50                      | 53                      | 375          |                      | 32,8 | 16524                   | 63                      | 60                      | 400          |                      |
| 39                       | 1200                    | 31                      |                | 39,0 | 11322                   | 37                      | 53                      | 375          |                      | 39,6 | 15606                   | 50                      | 60                      | 400          |                      |
| 41                       | 1200                    | 29                      |                | 41,3 | 13005                   | 40                      | 53                      | 375          |                      | 41,4 | 16116                   | 49                      | 60                      | 400          |                      |
| 50                       | 1200                    | 24                      |                | 49,2 | 11271                   | 29                      | 53                      | 375          |                      | 49,9 | 15555                   | 39                      | 60                      | 400          |                      |
| 53                       | 1200                    | 23                      |                | 53,2 | 12954                   | 31                      | 53                      | 375          |                      | 53,4 | 17850                   | 42                      | 60                      | 400          |                      |
| 62                       | 1200                    | 19                      |                | 61,9 | 12903                   | 26                      | 53                      | 375          |                      | 62,1 | 17850                   | 36                      | 60                      | 400          |                      |
| 64                       | 1200                    | 19                      |                | 63,4 | 11220                   | 22                      | 53                      | 375          |                      | 64,4 | 15453                   | 30                      | 60                      | 400          |                      |
| 74                       | 1200                    | 16                      |                | 73,8 | 11220                   | 19                      | 53                      | 375          |                      | 74,9 | 15402                   | 26                      | 60                      | 400          |                      |
| 78                       | 1200                    | 15                      |                | 78,0 | 11220                   | 18                      | 53                      | 375          |                      | 79,2 | 15428                   | 24                      | 60                      | 400          |                      |
| 84                       | 1200                    | 14                      |                | 84,4 | 13260                   | 20                      | 53                      | 375          |                      | 84,6 | 17850                   | 27                      | 60                      | 400          |                      |
| 98                       | 1200                    | 12                      |                | 98,2 | 13515                   | 17                      | 53                      | 375          |                      | 98,4 | 18156                   | 23                      | 60                      | 400          |                      |
| 102                      | 1200                    | 12                      |                | -    | -                       | -                       | -                       | -            |                      | 103  | 15871                   | 19                      | 60                      | 400          |                      |
| 117                      | 1200                    | 10                      |                | 117  | 11730                   | 13                      | 53                      | 375          |                      | 119  | 16218                   | 17                      | 60                      | 400          |                      |



**Prestazioni a 1200 rpm**  
Performance tables according to Input Speed 1200 rpm

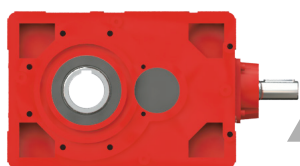
| n <sub>1</sub> =1200 d/d |                         |                         |                | 250  |                         |                         |                         |              |                      | 280  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 8                        | 1200                    | 150                     | 2              | 7,52 | 18258                   | 305                     | 105                     | 645          | 128-129              | 8,09 | 25755                   | 400                     | 151                     | 700          | 130-131              |
| 10                       | 1200                    | 120                     |                | 9,82 | 23868                   | 305                     | 105                     | 645          |                      | 10,3 | 28101                   | 342                     | 151                     | 700          |                      |
| 12                       | 1200                    | 100                     |                | 12,6 | 20400                   | 204                     | 105                     | 645          |                      | 12,9 | 29325                   | 285                     | 151                     | 700          |                      |
| 16                       | 1200                    | 75                      |                | 15,7 | 25194                   | 202                     | 105                     | 645          |                      | 16,1 | 32640                   | 254                     | 151                     | 700          |                      |
| 20                       | 1200                    | 60                      |                | 19,9 | 19635                   | 124                     | 105                     | 645          |                      | 19,9 | 24786                   | 156                     | 151                     | 700          |                      |
| 25                       | 1200                    | 48                      |                | 24,9 | 24480                   | 124                     | 105                     | 645          |                      | 24,8 | 30906                   | 156                     | 151                     | 700          |                      |
| 26                       | 1200                    | 46                      | 3              | 26,2 | 27642                   | 132                     | 85                      | 710          | 146-147              | 26,3 | 32232                   | 154                     | 95                      | 775          | 148-149              |
| 33                       | 1200                    | 36                      |                | 33,6 | 27540                   | 103                     | 85                      | 710          |                      | 33,6 | 40290                   | 151                     | 95                      | 775          |                      |
| 42                       | 1200                    | 29                      |                | 42,0 | 24582                   | 74                      | 85                      | 710          |                      | 41,9 | 35700                   | 107                     | 95                      | 775          |                      |
| 43                       | 1200                    | 28                      |                | 43,4 | 27438                   | 79                      | 85                      | 710          |                      | 43,4 | 38046                   | 110                     | 95                      | 775          |                      |
| 51                       | 1200                    | 24                      |                | 51,7 | 27285                   | 66                      | 85                      | 710          |                      | 51,7 | 37995                   | 92                      | 95                      | 775          |                      |
| 53                       | 1200                    | 23                      |                | 53,7 | 27336                   | 64                      | 85                      | 710          |                      | 53,8 | 39780                   | 93                      | 95                      | 775          |                      |
| 64                       | 1200                    | 19                      |                | 64,0 | 27183                   | 53                      | 85                      | 710          |                      | 64,1 | 37893                   | 74                      | 95                      | 775          |                      |
| 67                       | 1200                    | 18                      |                | 67,2 | 24378                   | 46                      | 85                      | 710          |                      | 67,0 | 34986                   | 66                      | 95                      | 775          |                      |
| 80                       | 1200                    | 15                      |                | 80,0 | 24378                   | 38                      | 85                      | 710          |                      | 79,8 | 34884                   | 55                      | 95                      | 775          |                      |
| 81                       | 1200                    | 15                      |                | 81,2 | 24276                   | 38                      | 85                      | 710          |                      | 81,1 | 34884                   | 54                      | 95                      | 775          |                      |
| 84                       | 1200                    | 14                      |                | 84,0 | 27846                   | 42                      | 85                      | 710          |                      | 84,0 | 40800                   | 61                      | 95                      | 775          |                      |
| 100                      | 1200                    | 12                      |                | 100  | 28560                   | 36                      | 85                      | 710          |                      | 100  | 37485                   | 47                      | 95                      | 775          |                      |
| 105                      | 1200                    | 11                      |                | 105  | 25092                   | 30                      | 85                      | 710          |                      | 105  | 35700                   | 43                      | 95                      | 775          |                      |
| 125                      | 1200                    | 10                      |                | 125  | 25602                   | 26                      | 85                      | 710          |                      | 125  | 36720                   | 37                      | 95                      | 775          |                      |



**Prestazioni a 1200 rpm**

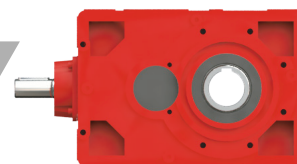
Performance tables according to Input Speed 1200 rpm

| n <sub>1</sub> =1200 d/d |                         |                         |                | 320  |                         |                         |                         |              |                      | 360  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 6                        | 1200                    | 200                     | 2              | 6,15 | 32538                   | 665                     | 169                     | 1200         | 132-133              | -    | -                       | -                       | -                       | -            | 134-135              |
| 7                        | 1200                    | 171                     |                | 7,50 | 38250                   | 641                     | 169                     | 1200         |                      | 7,53 | 39780                   | 664                     | 236                     | 1355         |                      |
| 10                       | 1200                    | 120                     |                | 9,83 | 40086                   | 512                     | 169                     | 1200         |                      | 10,1 | 53397                   | 664                     | 236                     | 1355         |                      |
| 11                       | 1200                    | 109                     |                | 11,9 | 48348                   | 510                     | 169                     | 1200         |                      | 11,8 | 62220                   | 665                     | 236                     | 1355         |                      |
| 12                       | 1200                    | 100                     |                | 12,6 | 39525                   | 394                     | 169                     | 1200         |                      | 13,0 | 56100                   | 544                     | 236                     | 1355         |                      |
| 15                       | 1200                    | 80                      |                | 15,3 | 47634                   | 391                     | 169                     | 1200         |                      | 15,1 | 65280                   | 544                     | 236                     | 1355         |                      |
| 20                       | 1200                    | 60                      |                | 19,8 | 39525                   | 250                     | 169                     | 1200         |                      | 20,4 | 48068                   | 297                     | 236                     | 1355         |                      |
| 24                       | 1200                    | 50                      |                | 24,1 | 47430                   | 248                     | 169                     | 1200         |                      | 23,7 | 55794                   | 295                     | 236                     | 1355         |                      |
| 27                       | 1200                    | 44                      | 3              | 26,5 | 54468                   | 258                     | 134                     | 1350         | 150-151              | 27,2 | 68034                   | 314                     | 151                     | 1550         | 152-153              |
| 32                       | 1200                    | 38                      |                | 32,2 | 52530                   | 205                     | 134                     | 1350         |                      | 31,7 | 72420                   | 287                     | 151                     | 1550         |                      |
| 33                       | 1200                    | 36                      |                | 32,7 | 54927                   | 211                     | 134                     | 1350         |                      | 33,6 | 74766                   | 280                     | 151                     | 1550         |                      |
| 39                       | 1200                    | 31                      |                | 39,7 | 52326                   | 166                     | 134                     | 1350         |                      | 39,1 | 72420                   | 233                     | 151                     | 1550         |                      |
| 40                       | 1200                    | 30                      |                | 40,3 | 56100                   | 175                     | 134                     | 1350         |                      | 41,3 | 66504                   | 202                     | 151                     | 1550         |                      |
| 48                       | 1200                    | 25                      |                | 48,8 | 52020                   | 134                     | 134                     | 1350         |                      | 48,2 | 72420                   | 189                     | 151                     | 1550         |                      |
| 53                       | 1200                    | 23                      |                | 52,6 | 57783                   | 138                     | 134                     | 1350         |                      | 54,0 | 74868                   | 174                     | 151                     | 1550         |                      |
| 63                       | 1200                    | 19                      |                | 63,8 | 52020                   | 103                     | 134                     | 1350         |                      | 62,9 | 71553                   | 143                     | 151                     | 1550         |                      |
| 66                       | 1200                    | 18                      |                | 65,7 | 58140                   | 111                     | 134                     | 1350         |                      | 67,5 | 74868                   | 139                     | 151                     | 1550         |                      |
| 79                       | 1200                    | 15                      |                | 79,7 | 51663                   | 81                      | 134                     | 1350         |                      | 78,6 | 71247                   | 114                     | 151                     | 1550         |                      |
| 85                       | 1200                    | 14                      |                | 84,4 | 59976                   | 89                      | 134                     | 1350         |                      | 86,7 | 64974                   | 94                      | 151                     | 1550         |                      |
| 102                      | 1200                    | 12                      |                | 102  | 53040                   | 65                      | 134                     | 1350         |                      | 101  | 72420                   | 90                      | 151                     | 1550         |                      |
| 107                      | 1200                    | 11                      |                | 106  | 61812                   | 74                      | 134                     | 1350         |                      | 108  | 74919                   | 87                      | 151                     | 1550         |                      |
| 127                      | 1200                    | 9                       |                | 128  | 54672                   | 54                      | 134                     | 1350         |                      | 126  | 72420                   | 72                      | 151                     | 1550         |                      |



**Prestazioni a 1000 rpm**  
Performance tables according to Input Speed 1000 rpm

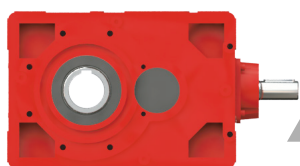
| n <sub>1</sub> =1000 d/d |                         |                         |                | 125  |                         |                         |                         |              |                      | 140  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 6                        | 1000                    | 167                     | 2              | 5,98 | 1820                    | 32                      | 28                      | 92           | 116-117              | -    | -                       | -                       | -                       | -            | 118-119              |
| 7                        | 1000                    | 143                     |                | 7,77 | 2366                    | 32                      | 28                      | 92           |                      | 7,45 | 2257                    | 32                      | 38                      | 113          |                      |
| 10                       | 1000                    | 100                     |                | 10,0 | 2964                    | 31                      | 28                      | 92           |                      | 9,87 | 2995                    | 32                      | 38                      | 113          |                      |
| 12                       | 1000                    | 83                      |                | 11,5 | 2935                    | 27                      | 28                      | 92           |                      | 12,1 | 3671                    | 32                      | 38                      | 113          |                      |
| 13                       | 1000                    | 77                      |                | 13,2 | 2340                    | 19                      | 28                      | 92           |                      | 13,0 | 2480                    | 20                      | 38                      | 113          |                      |
| 15                       | 1000                    | 67                      |                | 15,1 | 2392                    | 17                      | 28                      | 92           |                      | 15,9 | 3042                    | 20                      | 38                      | 113          |                      |
| 20                       | 1000                    | 50                      |                | 20,8 | 2319                    | 12                      | 28                      | 92           |                      | 20,4 | 2288                    | 12                      | 38                      | 113          |                      |
| 24                       | 1000                    | 42                      |                | 23,8 | 2652                    | 12                      | 28                      | 92           |                      | 25,0 | 2808                    | 12                      | 38                      | 113          |                      |
| 25                       | 1000                    | 40                      | 3              | -    | -                       | -                       | -                       | -            |                      | 25,7 | 3692                    | 15                      | 25                      | 120          | 136-137              |
| 31                       | 1000                    | 32                      |                | -    | -                       | -                       | -                       | -            |                      | 31,2 | 4160                    | 14                      | 25                      | 120          |                      |
| 38                       | 1000                    | 26                      |                | -    | -                       | -                       | -                       | -            |                      | 38,3 | 3671                    | 10                      | 25                      | 120          |                      |
| 39                       | 1000                    | 26                      |                | -    | -                       | -                       | -                       | -            |                      | 38,7 | 4243                    | 11                      | 25                      | 120          |                      |
| 41                       | 1000                    | 24                      |                | -    | -                       | -                       | -                       | -            |                      | 40,9 | 3505                    | 9                       | 25                      | 120          |                      |
| 50                       | 1000                    | 20                      |                | -    | -                       | -                       | -                       | -            |                      | 50,7 | 4212                    | 9                       | 25                      | 120          |                      |
| 64                       | 1000                    | 16                      |                | -    | -                       | -                       | -                       | -            |                      | 63,9 | 4264                    | 7                       | 25                      | 120          |                      |
| 78                       | 1000                    | 13                      |                | -    | -                       | -                       | -                       | -            |                      | 78,3 | 3640                    | 5                       | 25                      | 120          |                      |
| 95                       | 1000                    | 11                      |                | -    | -                       | -                       | -                       | -            |                      | 95,3 | 3702                    | 4                       | 25                      | 120          |                      |
| 98                       | 1000                    | 10                      |                | -    | -                       | -                       | -                       | -            |                      | 97,9 | 4472                    | 5                       | 25                      | 120          |                      |
| 120                      | 1000                    | 8                       |                | -    | -                       | -                       | -                       | -            |                      | 120  | 3827                    | 3                       | 25                      | 120          |                      |



**Prestazioni a 1000 rpm**

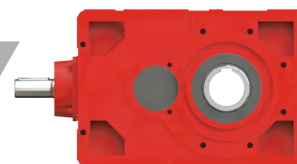
Performance tables according to Input Speed 1000 rpm

| n <sub>1</sub> =1000 d/d |                         |                         |                | 160  |                         |                         |                         |              |                      | 180  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 6                        | 1000                    | 167                     | 2              | 6,43 | 4160                    | 68                      | 42                      | 156          | 120-121              | -    | -                       | -                       | -                       | -            | 122-123              |
| 8                        | 1000                    | 125                     |                | 7,93 | 5148                    | 68                      | 42                      | 156          |                      | 7,68 | 4992                    | 68                      | 60                      | 200          |                      |
| 10                       | 1000                    | 100                     |                | 10,2 | 6500                    | 67                      | 42                      | 156          |                      | 10,2 | 6656                    | 68                      | 60                      | 200          |                      |
| 12                       | 1000                    | 83                      |                | 12,9 | 5200                    | 42                      | 42                      | 156          |                      | 12,3 | 7800                    | 66                      | 60                      | 200          |                      |
| 13                       | 1000                    | 77                      |                | -    | -                       | -                       | -                       | -            |                      | 12,9 | 5221                    | 42                      | 60                      | 200          |                      |
| 15                       | 1000                    | 67                      |                | 15,8 | 5356                    | 36                      | 42                      | 156          |                      | 15,5 | 6240                    | 42                      | 60                      | 200          |                      |
| 20                       | 1000                    | 50                      |                | 20,4 | 4992                    | 26                      | 42                      | 156          |                      | 20,5 | 5044                    | 26                      | 60                      | 200          |                      |
| 25                       | 1000                    | 40                      |                | 25,0 | 6136                    | 26                      | 42                      | 156          |                      | 24,6 | 6084                    | 26                      | 60                      | 200          |                      |
| 24                       | 1000                    | 42                      | 3              | 24,4 | 6760                    | 29                      | 33                      | 213          | 138-139              | 24,4 | 7384                    | 32                      | 38                      | 230          | 140-141              |
| 29                       | 1000                    | 34                      |                | -    | -                       | -                       | -                       | -            |                      | 29,4 | 8788                    | 31                      | 38                      | 230          |                      |
| 31                       | 1000                    | 32                      |                | 31,7 | 6646                    | 22                      | 33                      | 213          |                      | 31,8 | 8424                    | 28                      | 38                      | 230          |                      |
| 38                       | 1000                    | 26                      |                | 38,8 | 6084                    | 16                      | 33                      | 213          |                      | 38,7 | 7280                    | 20                      | 38                      | 230          |                      |
| 41                       | 1000                    | 24                      |                | 41,0 | 6625                    | 17                      | 33                      | 213          |                      | 41,8 | 7826                    | 20                      | 38                      | 230          |                      |
| 42                       | 1000                    | 24                      |                | 41,7 | 6625                    | 17                      | 33                      | 213          |                      | -    | -                       | -                       | -                       | -            |                      |
| 51                       | 1000                    | 20                      |                | 51,1 | 6058                    | 12                      | 33                      | 213          |                      | 50,4 | 9121                    | 19                      | 38                      | 230          |                      |
| 54                       | 1000                    | 19                      |                | 53,8 | 6604                    | 13                      | 33                      | 213          |                      | 54,1 | 8528                    | 17                      | 38                      | 230          |                      |
| 61                       | 1000                    | 16                      |                | 61,7 | 6604                    | 11                      | 33                      | 213          |                      | 61,8 | 8528                    | 14                      | 38                      | 230          |                      |
| 65                       | 1000                    | 15                      |                | 66,1 | 6048                    | 10                      | 33                      | 213          |                      | 65,1 | 9100                    | 15                      | 38                      | 230          |                      |
| 75                       | 1000                    | 13                      |                | 75,6 | 6032                    | 8                       | 33                      | 213          |                      | 74,4 | 9069                    | 13                      | 38                      | 230          |                      |
| 79                       | 1000                    | 13                      |                | -    | -                       | -                       | -                       | -            |                      | 79,1 | 8674                    | 11                      | 38                      | 230          |                      |
| 85                       | 1000                    | 12                      |                | 84,8 | 6760                    | 8                       | 33                      | 213          |                      | 85,0 | 8320                    | 10                      | 38                      | 230          |                      |
| 97                       | 1000                    | 10                      |                | 97,0 | 6968                    | 8                       | 33                      | 213          |                      | 97,1 | 8372                    | 9                       | 38                      | 230          |                      |
| 103                      | 1000                    | 10                      |                | 104  | 6209                    | 6                       | 33                      | 213          |                      | 102  | 9360                    | 10                      | 38                      | 230          |                      |
| 117                      | 1000                    | 9                       |                | 119  | 6344                    | 6                       | 33                      | 213          |                      | 117  | 9516                    | 9                       | 38                      | 230          |                      |



**Prestazioni a 1000 rpm**  
Performance tables according to Input Speed 1000 rpm

| n <sub>1</sub> =1000 d/d |                         |                         |                | 200  |                         |                         |                         |              |                      | 225  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 6                        | 1000                    | 167                     | 2              | 6,45 | 8268                    | 134                     | 67                      | 315          | 124-125              | -    | -                       | -                       | -                       | -            | 126-127              |
| 8                        | 1000                    | 125                     |                | 8,26 | 10504                   | 133                     | 67                      | 315          |                      | -    | -                       | -                       | -                       | -            |                      |
| 10                       | 1000                    | 100                     |                | 10,7 | 11284                   | 111                     | 67                      | 315          |                      | 10,7 | 13624                   | 133                     | 74                      | 345          |                      |
| 12                       | 1000                    | 83                      |                | 12,7 | 11835                   | 98                      | 67                      | 315          |                      | 12,9 | 16120                   | 131                     | 74                      | 345          |                      |
| 13                       | 1000                    | 77                      |                | 13,2 | 10993                   | 87                      | 67                      | 315          |                      | 13,3 | 12532                   | 99                      | 74                      | 345          |                      |
| 16                       | 1000                    | 63                      |                | 15,7 | 11773                   | 78                      | 67                      | 315          |                      | 16,0 | 14560                   | 95                      | 74                      | 345          |                      |
| 20                       | 1000                    | 50                      |                | 20,7 | 10816                   | 55                      | 67                      | 315          |                      | 20,7 | 10738                   | 54                      | 74                      | 345          |                      |
| 25                       | 1000                    | 40                      |                | 24,6 | 11648                   | 50                      | 67                      | 315          |                      | 25,0 | 13000                   | 54                      | 74                      | 345          |                      |
| 26                       | 1000                    | 38                      | 3              | 26,6 | 13000                   | 51                      | 53                      | 375          | 142-143              | 26,6 | 16640                   | 65                      | 60                      | 400          | 144-145              |
| 32                       | 1000                    | 31                      |                | 32,7 | 13291                   | 43                      | 53                      | 375          |                      | 32,8 | 16848                   | 54                      | 60                      | 400          |                      |
| 39                       | 1000                    | 26                      |                | 39,0 | 11544                   | 31                      | 53                      | 375          |                      | 39,6 | 15912                   | 42                      | 60                      | 400          |                      |
| 41                       | 1000                    | 24                      |                | 41,3 | 13260                   | 34                      | 53                      | 375          |                      | 41,4 | 16432                   | 42                      | 60                      | 400          |                      |
| 50                       | 1000                    | 20                      |                | 49,2 | 11492                   | 24                      | 53                      | 375          |                      | 49,9 | 15860                   | 33                      | 60                      | 400          |                      |
| 53                       | 1000                    | 19                      |                | 53,2 | 13208                   | 26                      | 53                      | 375          |                      | 53,4 | 18200                   | 36                      | 60                      | 400          |                      |
| 62                       | 1000                    | 16                      |                | 61,9 | 13156                   | 22                      | 53                      | 375          |                      | 62,1 | 18200                   | 31                      | 60                      | 400          |                      |
| 64                       | 1000                    | 16                      |                | 63,4 | 11440                   | 19                      | 53                      | 375          |                      | 64,4 | 15756                   | 26                      | 60                      | 400          |                      |
| 74                       | 1000                    | 14                      |                | 73,8 | 11440                   | 16                      | 53                      | 375          |                      | 74,9 | 15704                   | 22                      | 60                      | 400          |                      |
| 78                       | 1000                    | 13                      |                | 78,0 | 11440                   | 15                      | 53                      | 375          |                      | 79,2 | 15730                   | 21                      | 60                      | 400          |                      |
| 84                       | 1000                    | 12                      |                | 84,4 | 13520                   | 17                      | 53                      | 375          |                      | 84,6 | 18200                   | 23                      | 60                      | 400          |                      |
| 98                       | 1000                    | 10                      |                | 98,2 | 13780                   | 15                      | 53                      | 375          |                      | 98,4 | 18512                   | 20                      | 60                      | 400          |                      |
| 102                      | 1000                    | 10                      |                | -    | -                       | -                       | -                       | -            |                      | 103  | 16182                   | 16                      | 60                      | 400          |                      |
| 117                      | 1000                    | 9                       |                | 117  | 11960                   | 11                      | 53                      | 375          |                      | 119  | 16536                   | 15                      | 60                      | 400          |                      |

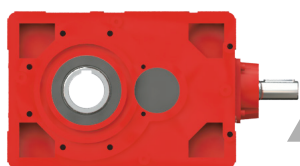


**Prestazioni a 1000 rpm**

Performance tables according to Input Speed 1000 rpm

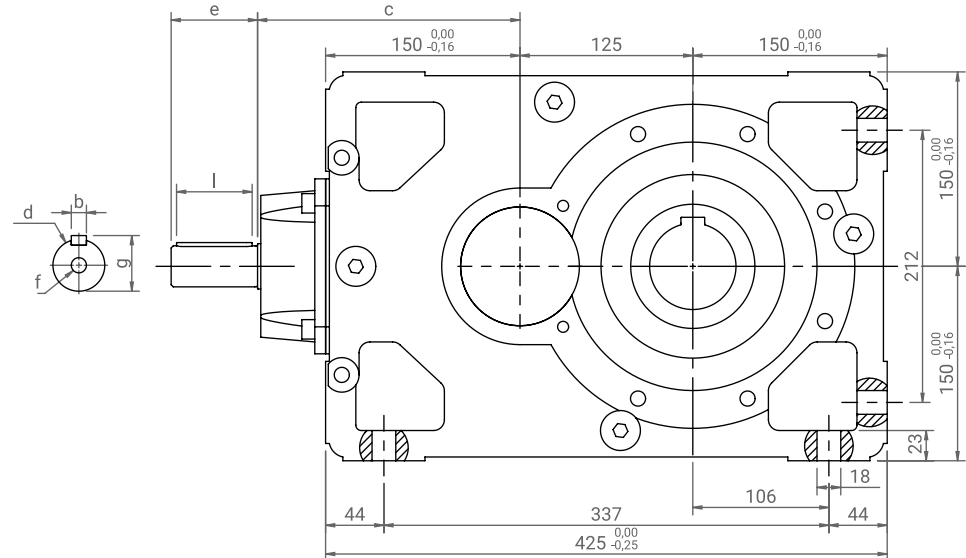
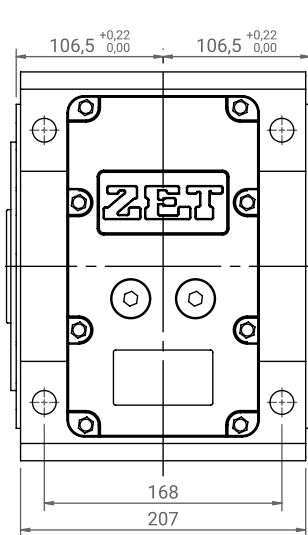
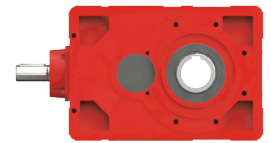
| n <sub>1</sub> =1000 d/d |                         |                         |                | 250  |                         |                         |                         |              |                      | 280  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 8                        | 1000                    | 125                     | 2              | 7,52 | 18616                   | 259                     | 105                     | 645          | 128-129              | 8,09 | 26260                   | 340                     | 151                     | 700          | 130-131              |
| 10                       | 1000                    | 100                     |                | 9,82 | 24336                   | 259                     | 105                     | 645          |                      | 10,3 | 28652                   | 291                     | 151                     | 700          |                      |
| 12                       | 1000                    | 83                      |                | 12,6 | 20800                   | 173                     | 105                     | 645          |                      | 12,9 | 29900                   | 242                     | 151                     | 700          |                      |
| 16                       | 1000                    | 63                      |                | 15,7 | 25688                   | 171                     | 105                     | 645          |                      | 16,1 | 33280                   | 216                     | 151                     | 700          |                      |
| 20                       | 1000                    | 50                      |                | 19,9 | 20020                   | 105                     | 105                     | 645          |                      | 19,9 | 25272                   | 133                     | 151                     | 700          |                      |
| 25                       | 1000                    | 40                      |                | 24,9 | 24960                   | 105                     | 105                     | 645          |                      | 24,8 | 31512                   | 133                     | 151                     | 700          |                      |
| 26                       | 1000                    | 38                      | 3              | 26,2 | 28184                   | 112                     | 85                      | 710          | 146-147              | 26,3 | 32864                   | 131                     | 95                      | 775          | 148-149              |
| 33                       | 1000                    | 30                      |                | 33,6 | 28080                   | 88                      | 85                      | 710          |                      | 33,6 | 41080                   | 128                     | 95                      | 775          |                      |
| 42                       | 1000                    | 24                      |                | 42,0 | 25064                   | 63                      | 85                      | 710          |                      | 41,9 | 36400                   | 91                      | 95                      | 775          |                      |
| 43                       | 1000                    | 23                      |                | 43,4 | 27976                   | 68                      | 85                      | 710          |                      | 43,4 | 38792                   | 94                      | 95                      | 775          |                      |
| 51                       | 1000                    | 20                      |                | 51,7 | 27820                   | 56                      | 85                      | 710          |                      | 51,7 | 38740                   | 78                      | 95                      | 775          |                      |
| 53                       | 1000                    | 19                      |                | 53,7 | 27872                   | 54                      | 85                      | 710          |                      | 53,8 | 40560                   | 79                      | 95                      | 775          |                      |
| 64                       | 1000                    | 16                      |                | 64,0 | 27716                   | 45                      | 85                      | 710          |                      | 64,1 | 38636                   | 63                      | 95                      | 775          |                      |
| 67                       | 1000                    | 15                      |                | 67,2 | 24856                   | 39                      | 85                      | 710          |                      | 67,0 | 35672                   | 56                      | 95                      | 775          |                      |
| 80                       | 1000                    | 13                      |                | 80,0 | 24856                   | 33                      | 85                      | 710          |                      | 79,8 | 35568                   | 47                      | 95                      | 775          |                      |
| 81                       | 1000                    | 12                      |                | 81,2 | 24752                   | 32                      | 85                      | 710          |                      | 81,1 | 35568                   | 46                      | 95                      | 775          |                      |
| 84                       | 1000                    | 12                      |                | 84,0 | 28392                   | 35                      | 85                      | 710          |                      | 84,0 | 41600                   | 52                      | 95                      | 775          |                      |
| 100                      | 1000                    | 10                      |                | 100  | 29120                   | 30                      | 85                      | 710          |                      | 100  | 38220                   | 40                      | 95                      | 775          |                      |
| 105                      | 1000                    | 10                      |                | 105  | 25584                   | 26                      | 85                      | 710          |                      | 105  | 36400                   | 36                      | 95                      | 775          |                      |
| 125                      | 1000                    | 8                       |                | 125  | 26104                   | 22                      | 85                      | 710          |                      | 125  | 37440                   | 31                      | 95                      | 775          |                      |





**Prestazioni a 1000 rpm**  
Performance tables according to Input Speed 1000 rpm

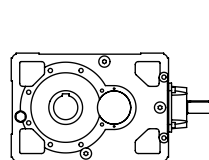
| n <sub>1</sub> =1000 d/d |                         |                         |                | 320  |                         |                         |                         |              |                      | 360  |                         |                         |                         |              |                      |
|--------------------------|-------------------------|-------------------------|----------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|------|-------------------------|-------------------------|-------------------------|--------------|----------------------|
| i <sub>n</sub>           | n <sub>1</sub><br>(d/d) | n <sub>2</sub><br>(d/d) | Stadi<br>Stage | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page | i    | Mn <sub>2</sub><br>(Nm) | Pn <sub>2</sub><br>(kW) | PT <sub>1</sub><br>(kW) | Peso<br>(kg) | Dim.pag<br>Dim. Page |
| 6                        | 1000                    | 167                     | 2              | 6,15 | 33176                   | 565                     | 169                     | 1200         | 132-133              | -    | -                       | -                       | -                       | -            | 134-135              |
| 7                        | 1000                    | 143                     |                | 7,50 | 39000                   | 545                     | 169                     | 1200         |                      | 7,53 | 40560                   | 564                     | 236                     | 1355         |                      |
| 10                       | 1000                    | 100                     |                | 9,83 | 40872                   | 435                     | 169                     | 1200         |                      | 10,1 | 54444                   | 564                     | 236                     | 1355         |                      |
| 11                       | 1000                    | 91                      |                | 11,9 | 49296                   | 433                     | 169                     | 1200         |                      | 11,8 | 63440                   | 565                     | 236                     | 1355         |                      |
| 12                       | 1000                    | 83                      |                | 12,6 | 40300                   | 335                     | 169                     | 1200         |                      | 13,0 | 57200                   | 463                     | 236                     | 1355         |                      |
| 15                       | 1000                    | 67                      |                | 15,3 | 48568                   | 333                     | 169                     | 1200         |                      | 15,1 | 66560                   | 462                     | 236                     | 1355         |                      |
| 20                       | 1000                    | 50                      |                | 19,8 | 40300                   | 213                     | 169                     | 1200         |                      | 20,4 | 49010                   | 252                     | 236                     | 1355         |                      |
| 24                       | 1000                    | 42                      |                | 24,1 | 48360                   | 211                     | 169                     | 1200         |                      | 23,7 | 56888                   | 251                     | 236                     | 1355         |                      |
| 27                       | 1000                    | 37                      | 3              | 26,5 | 55536                   | 219                     | 134                     | 1350         | 150-151              | 27,2 | 69368                   | 267                     | 151                     | 1550         | 152-153              |
| 32                       | 1000                    | 31                      |                | 32,2 | 53560                   | 174                     | 134                     | 1350         |                      | 31,7 | 73840                   | 244                     | 151                     | 1550         |                      |
| 33                       | 1000                    | 30                      |                | 32,7 | 56004                   | 179                     | 134                     | 1350         |                      | 33,6 | 76232                   | 238                     | 151                     | 1550         |                      |
| 39                       | 1000                    | 26                      |                | 39,7 | 53352                   | 141                     | 134                     | 1350         |                      | 39,1 | 73840                   | 198                     | 151                     | 1550         |                      |
| 40                       | 1000                    | 25                      |                | 40,3 | 57200                   | 149                     | 134                     | 1350         |                      | 41,3 | 67808                   | 172                     | 151                     | 1550         |                      |
| 48                       | 1000                    | 21                      |                | 48,8 | 53040                   | 114                     | 134                     | 1350         |                      | 48,2 | 73840                   | 160                     | 151                     | 1550         |                      |
| 53                       | 1000                    | 19                      |                | 52,6 | 58916                   | 117                     | 134                     | 1350         |                      | 54,0 | 76336                   | 148                     | 151                     | 1550         |                      |
| 63                       | 1000                    | 16                      |                | 63,8 | 53040                   | 87                      | 134                     | 1350         |                      | 62,9 | 72956                   | 121                     | 151                     | 1550         |                      |
| 66                       | 1000                    | 15                      |                | 65,7 | 59280                   | 94                      | 134                     | 1350         |                      | 67,5 | 76336                   | 118                     | 151                     | 1550         |                      |
| 79                       | 1000                    | 13                      |                | 79,7 | 52676                   | 69                      | 134                     | 1350         |                      | 78,6 | 72644                   | 97                      | 151                     | 1550         |                      |
| 85                       | 1000                    | 12                      |                | 84,4 | 61152                   | 76                      | 134                     | 1350         |                      | 86,7 | 66248                   | 80                      | 151                     | 1550         |                      |
| 102                      | 1000                    | 10                      |                | 102  | 54080                   | 55                      | 134                     | 1350         |                      | 101  | 73840                   | 77                      | 151                     | 1550         |                      |
| 107                      | 1000                    | 9                       |                | 106  | 63024                   | 63                      | 134                     | 1350         |                      | 108  | 76388                   | 74                      | 151                     | 1550         |                      |
| 127                      | 1000                    | 8                       |                | 128  | 55744                   | 46                      | 134                     | 1350         |                      | 126  | 73840                   | 61                      | 151                     | 1550         |                      |



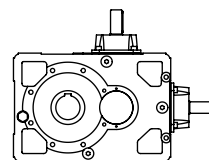
**Conf. albero ingresso**  
Input Shaft Configurations



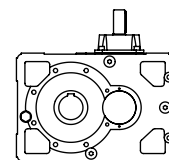
|         | b  | c   | d       | e  | g    | l  | f   |
|---------|----|-----|---------|----|------|----|-----|
| i>17    | 6  | 208 | 19 (j6) | 40 | 21,5 | 36 | M6  |
| 17>i>12 | 8  | 208 | 28 (j6) | 60 | 31   | 45 | M10 |
| i<12    | 10 | 208 | 32 (k6) | 80 | 35   | 70 | M12 |



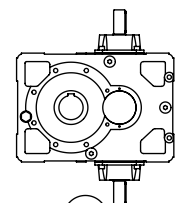
A



D



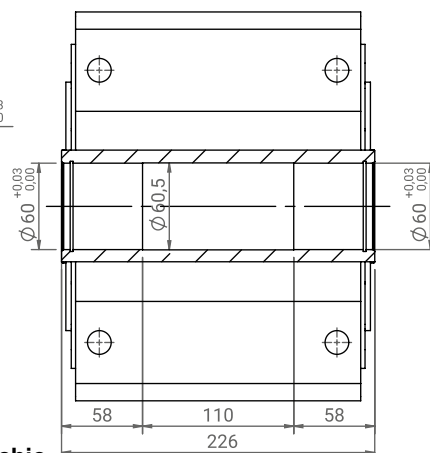
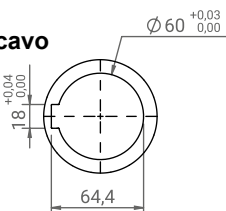
L



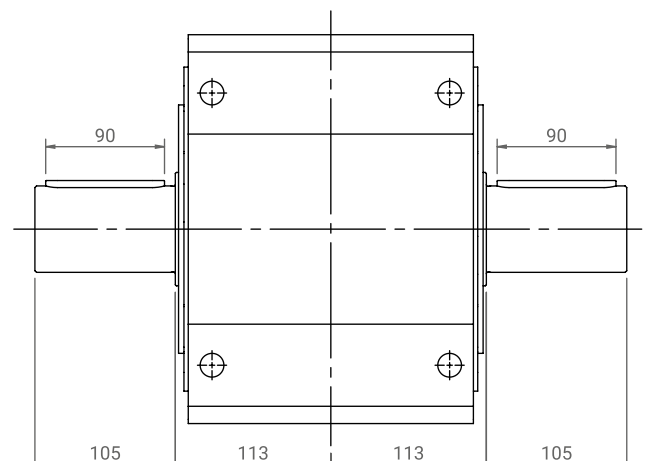
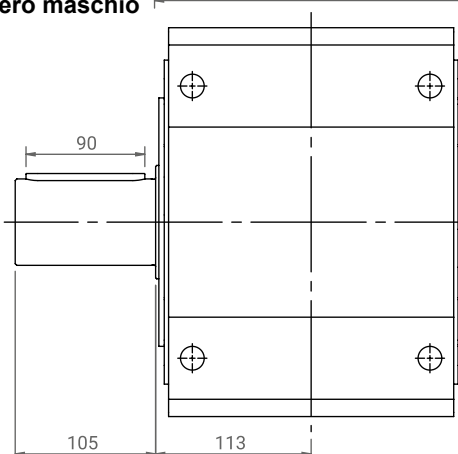
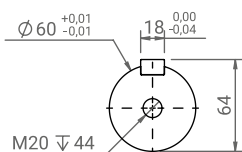
S

**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft

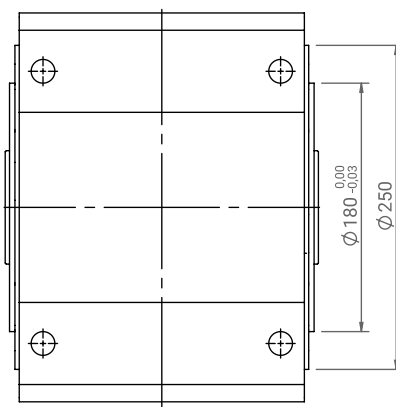
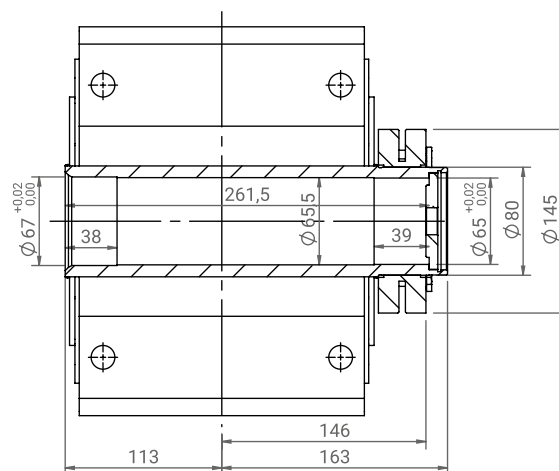




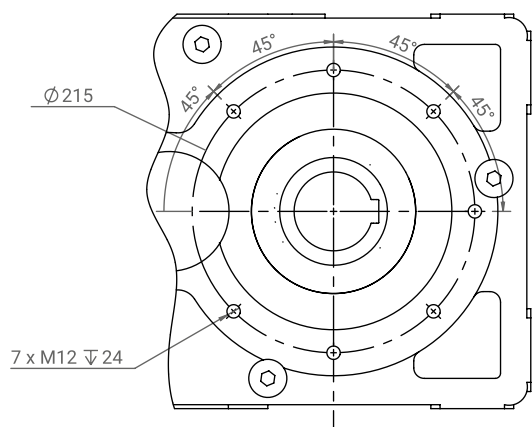
## Dimensioni / Dimension Sheets

### Output Shaft Configurations

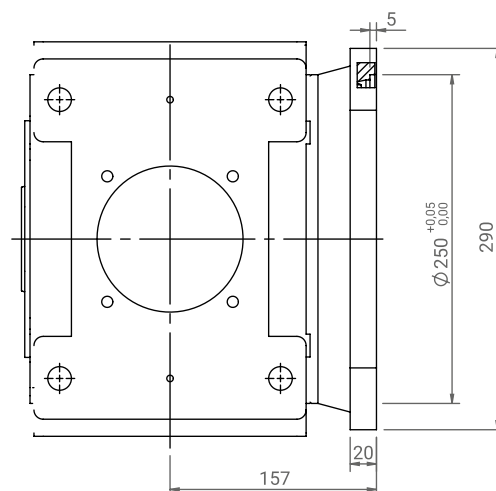
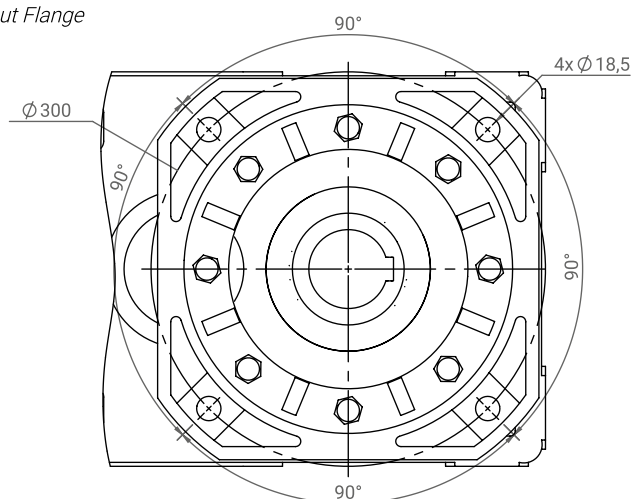
SR /SL



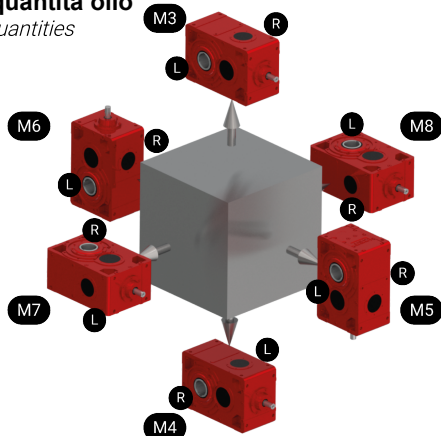
### Side View Mounting Dimensions



*Output Flange*



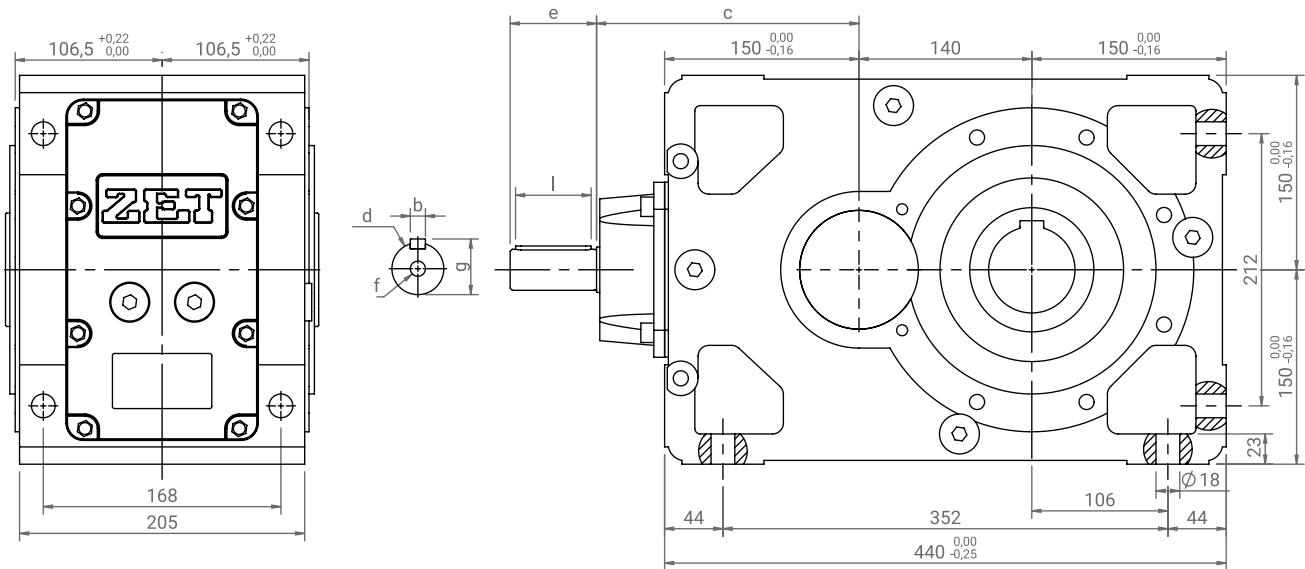
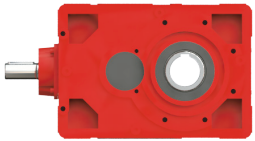
### Mounting Positions\* and Oil Quantities



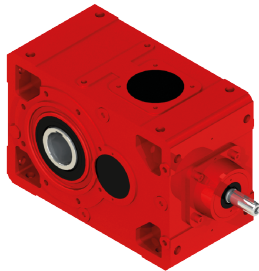
92 Kg

| KH 2125 Quantità olio <i>OIL QUANTITIES</i> (L) |    |    |    |    |    |
|-------------------------------------------------|----|----|----|----|----|
| M3                                              | M4 | M5 | M6 | M7 | M8 |
| 7                                               | 7  | 8  | 9  | 10 | 10 |

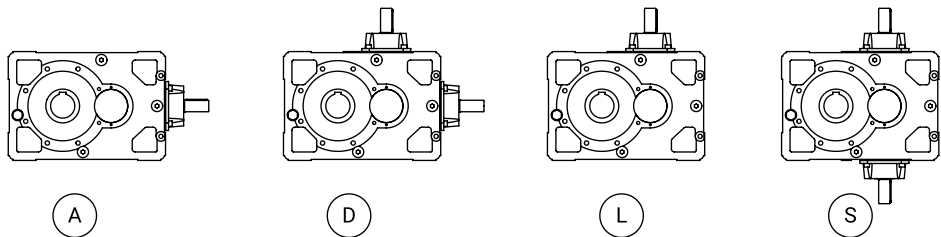
**\*Posizione montaggio mostrate con configurazione HS**  
*\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION*



**Conf. albero ingresso**  
Input Shaft Configurations

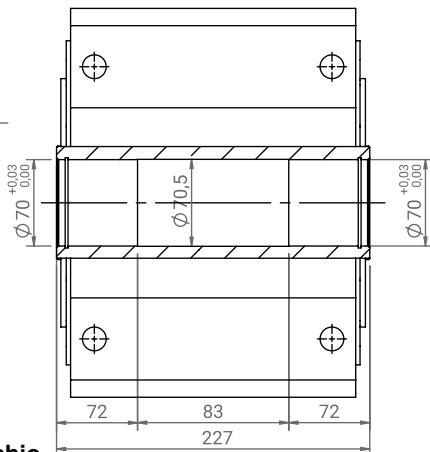
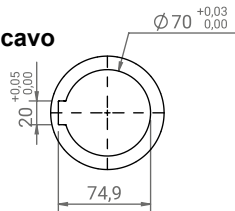


|          | b  | c   | d       | e  | g    | l  | f   |
|----------|----|-----|---------|----|------|----|-----|
| i>17     | 6  | 208 | 19 (j6) | 40 | 21,5 | 36 | M6  |
| 17>i12,5 | 8  | 208 | 28 (j6) | 60 | 31   | 45 | M10 |
| i<12,5   | 10 | 208 | 32 (k6) | 80 | 35   | 70 | M12 |

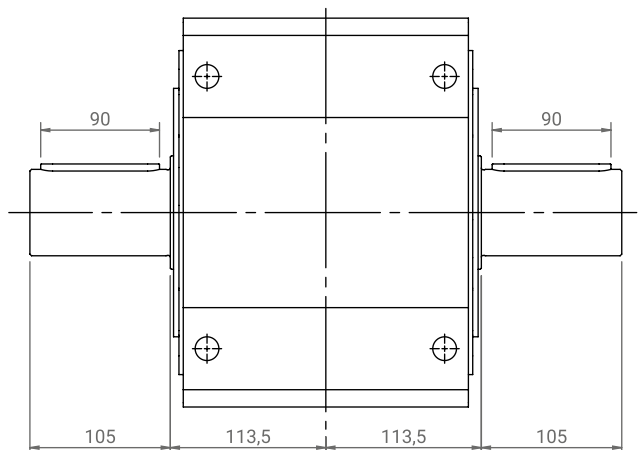
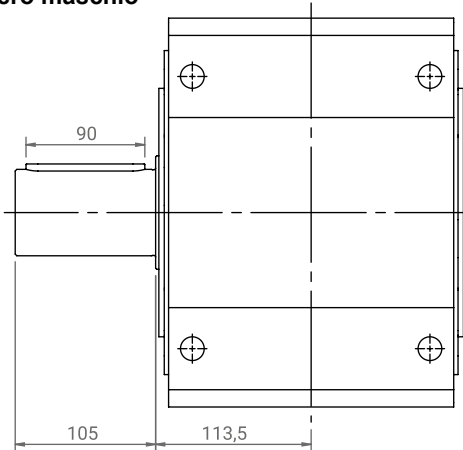
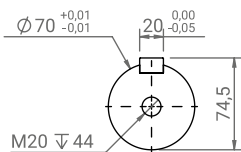


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft

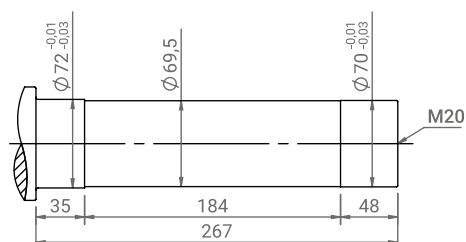




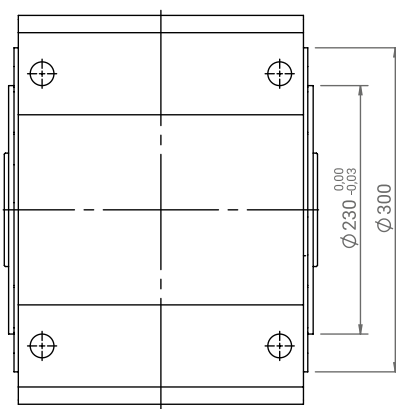
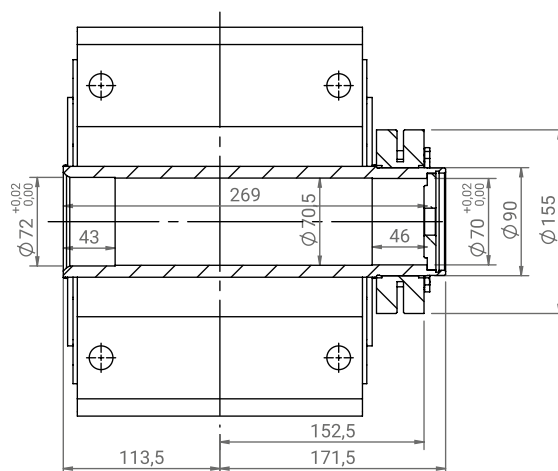
## Dimensioni / Dimension Sheets

### Output Shaft Configurations

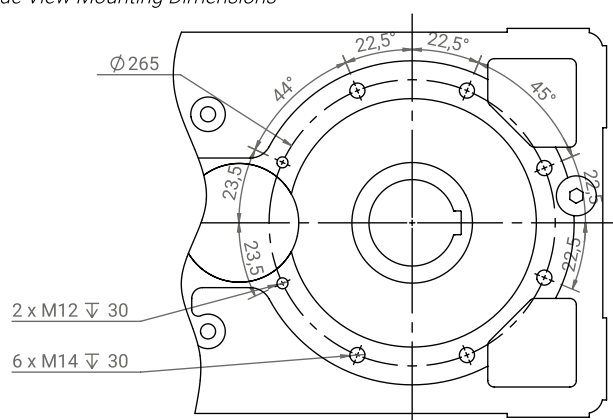
SR /SL



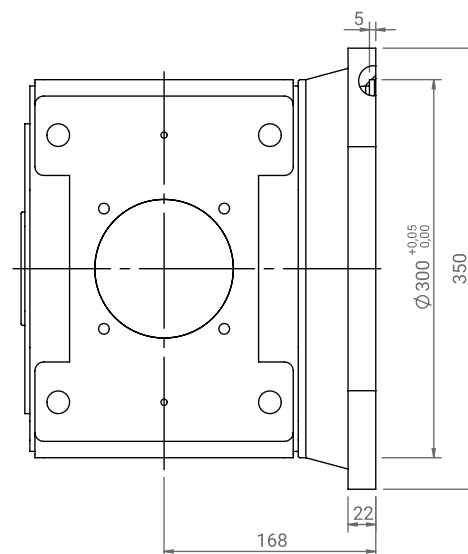
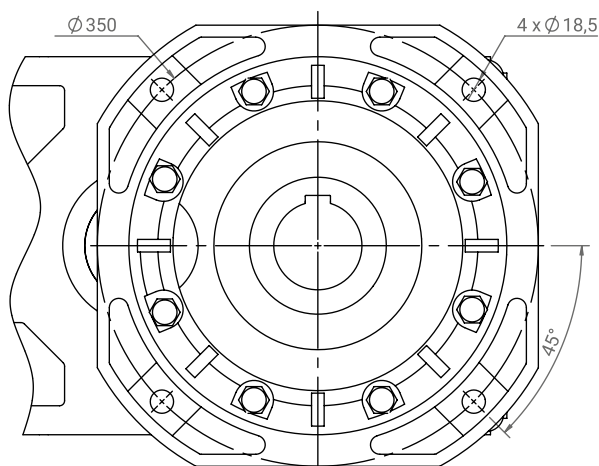
**Albero esterno**      *Customer Shaft*



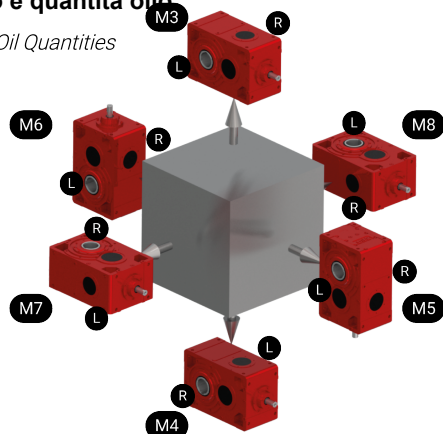
### Side View Mounting Dimensions



*Output Flange*



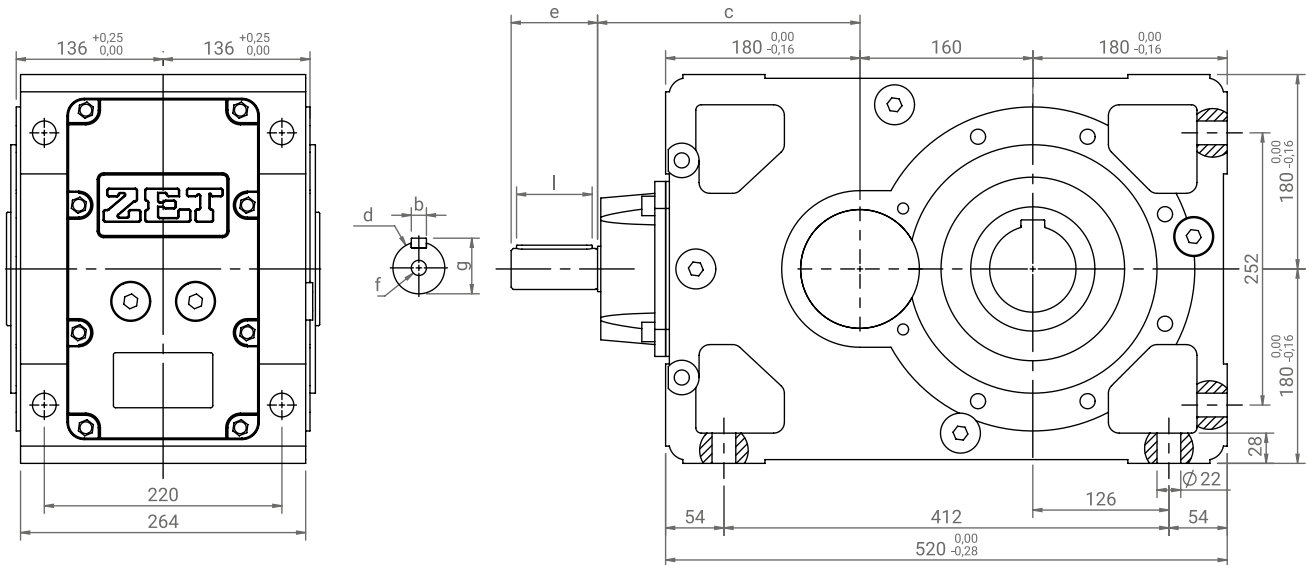
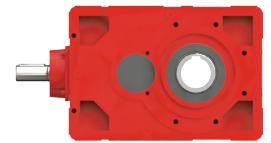
### Mounting Positions\* and Oil Quantities



113 Kg

| KH 2140 Quantità olio <i>OIL QUANTITIES</i> (L) |    |    |    |    |    |
|-------------------------------------------------|----|----|----|----|----|
| M3                                              | M4 | M5 | M6 | M7 | M8 |
| 6                                               | 6  | 8  | 8  | 10 | 9  |

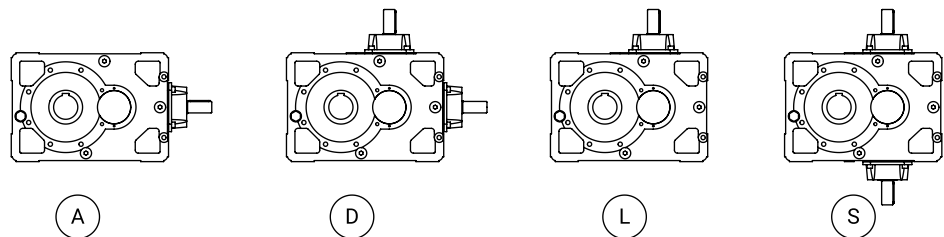
**\*Posizione montaggio mostrate con configurazione HS**  
**\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION**



**Conf. albero ingresso**  
Input Shaft Configurations

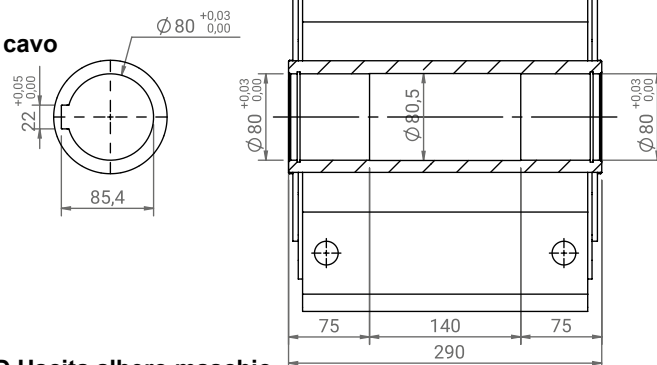


|        | b  | c   | d      | e  | g  | l  | f   |
|--------|----|-----|--------|----|----|----|-----|
| i>17   | 8  | 243 | 28(j6) | 60 | 31 | 45 | M10 |
| 17>i11 | 10 | 243 | 32(k6) | 80 | 35 | 70 | M12 |
| i<11   | 10 | 243 | 38(k6) | 80 | 41 | 70 | M12 |

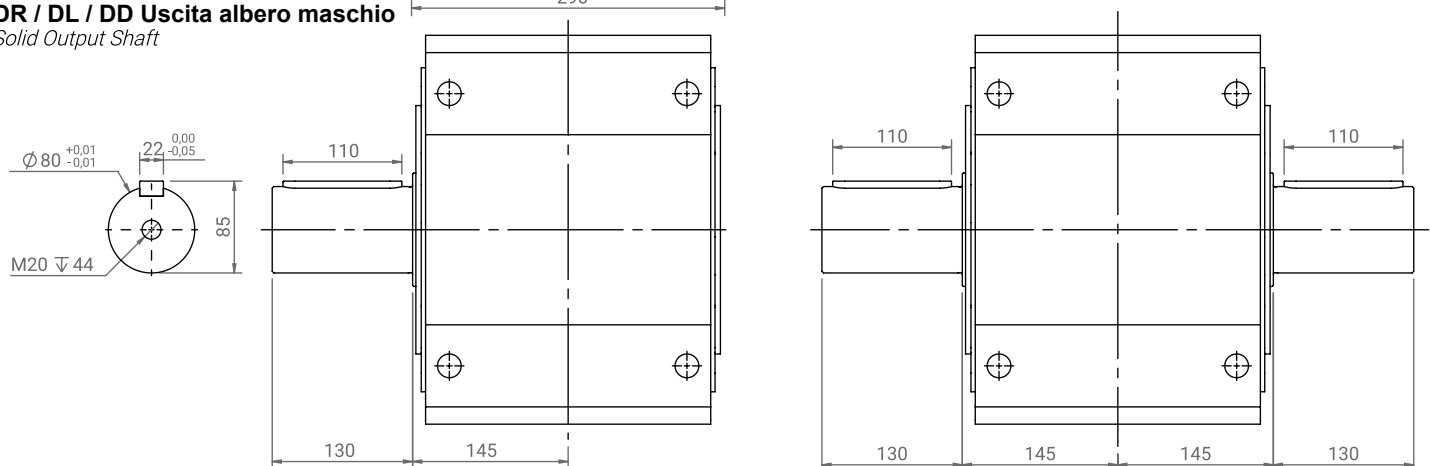


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft

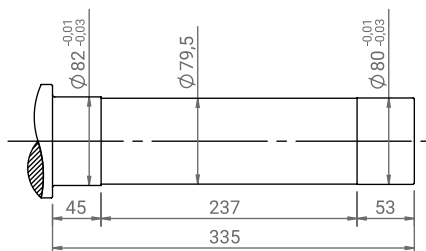




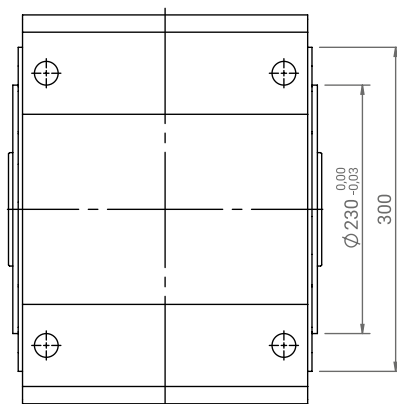
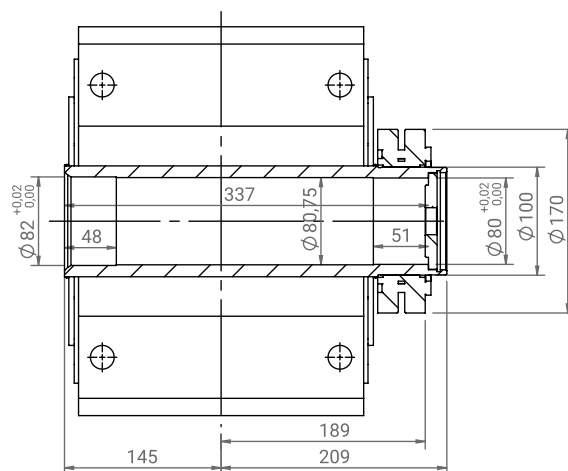
## Dimensioni / Dimension Sheets

### Output Shaft Configurations

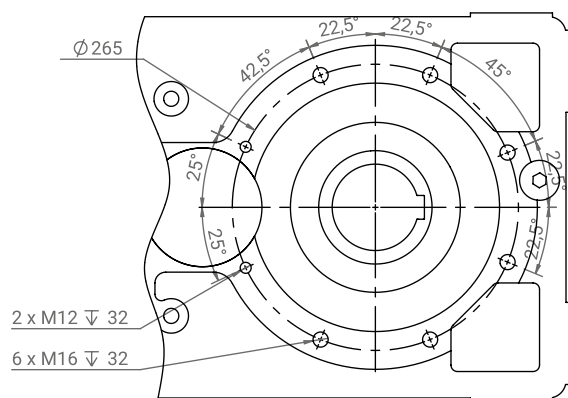
SR /SL



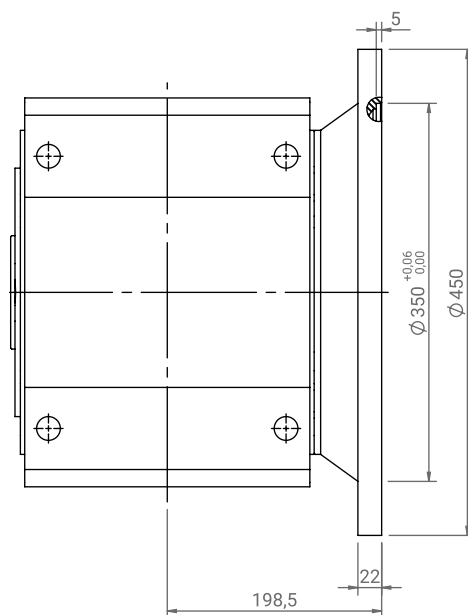
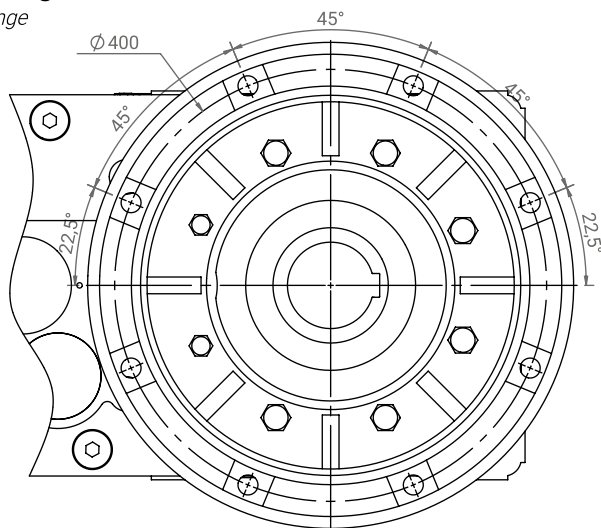
**Albero esterno**     *Customer Shaft*



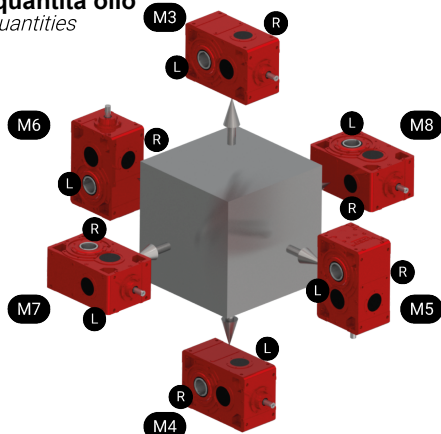
### Side View Mounting Dimensions



*Output Flange*



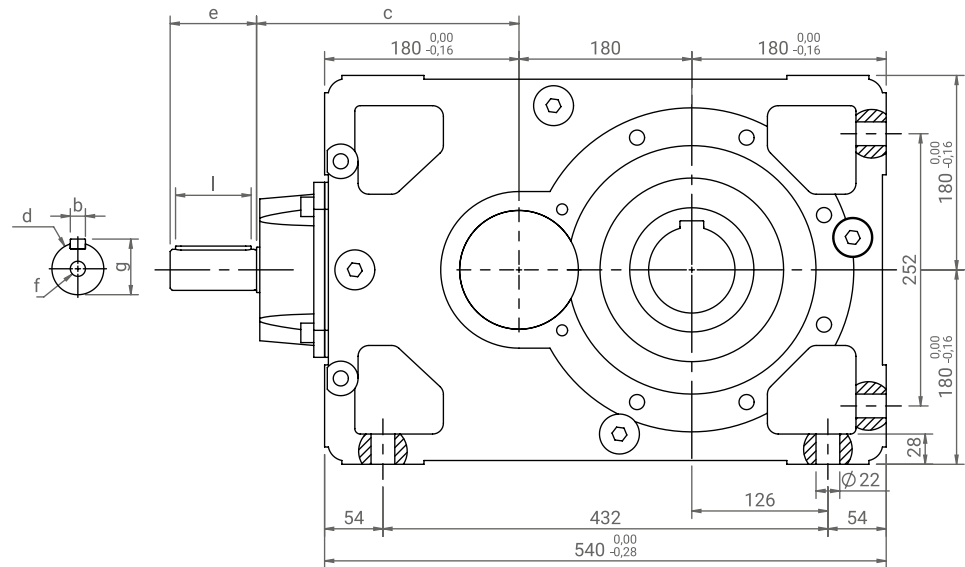
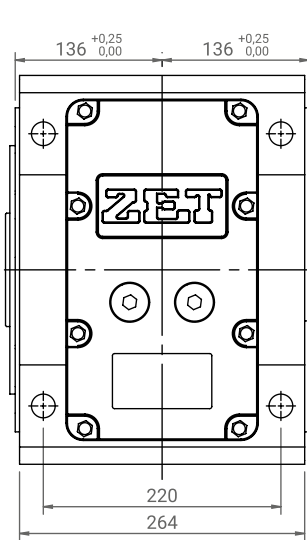
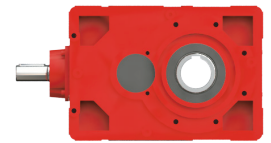
### Mounting Positions\* and Oil Quantities



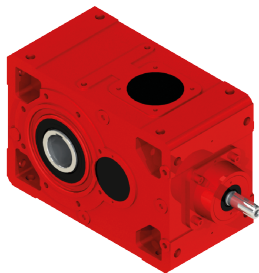
156 Kg

| KH 2160 Quantità olio OIL QUANTITIES (L) |     |      |      |      |      |
|------------------------------------------|-----|------|------|------|------|
| M3                                       | M4  | M5   | M6   | M7   | M8   |
| 8.5                                      | 8.5 | 11.3 | 12.6 | 12.6 | 12.6 |

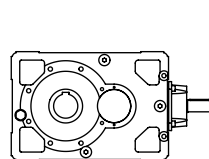
**\*Posizione montaggio mostrate con configurazione HS**  
*\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION*



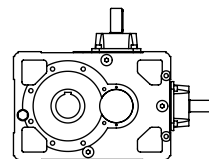
**Conf. albero ingresso**  
Input Shaft Configurations



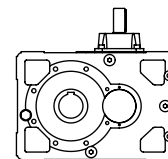
|           | b  | c   | d       | e  | g  | l  | f   |
|-----------|----|-----|---------|----|----|----|-----|
| i>17      | 8  | 243 | 28 (j6) | 60 | 31 | 45 | M10 |
| 17>i>12,5 | 10 | 243 | 32 (k6) | 80 | 35 | 70 | M12 |
| i<12,5    | 10 | 243 | 38 (k6) | 80 | 41 | 70 | M12 |



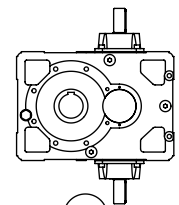
A



D



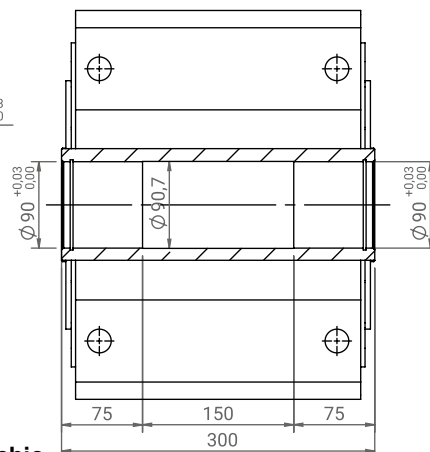
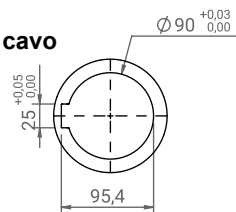
L



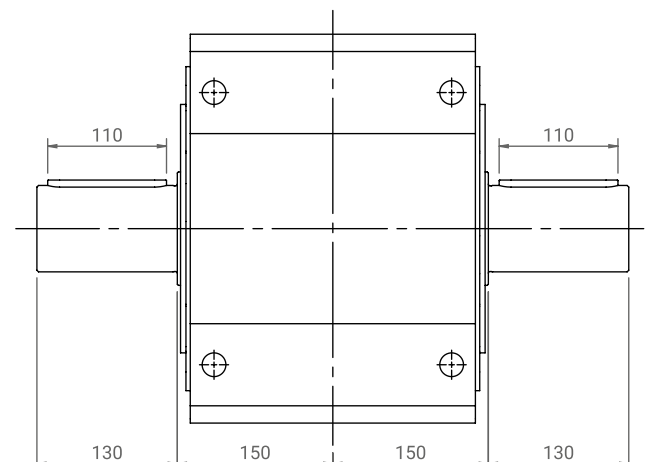
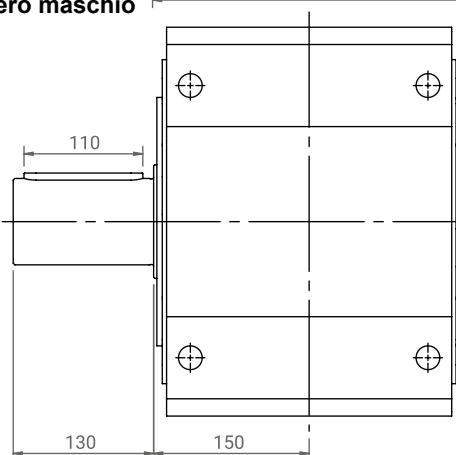
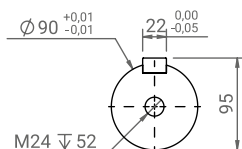
S

**Conf. Albero uscita**  
Output Shaft Configurations

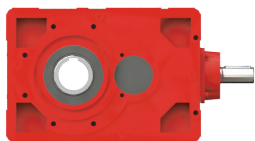
**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft

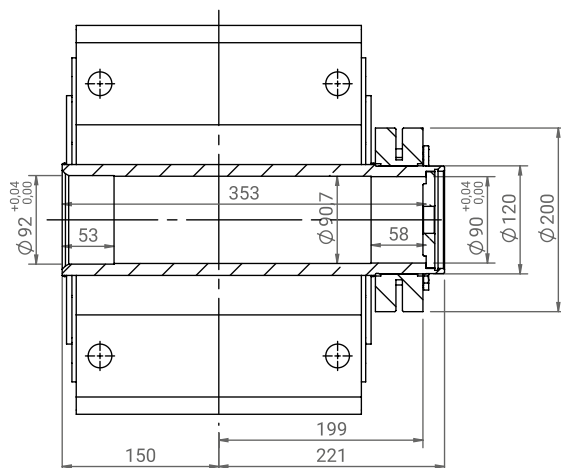




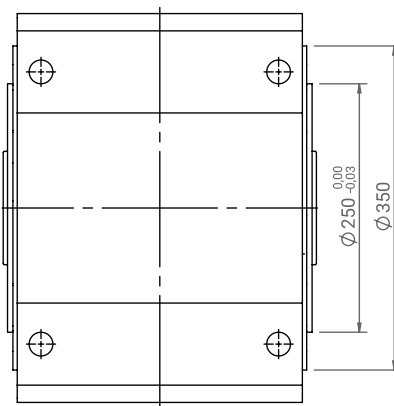
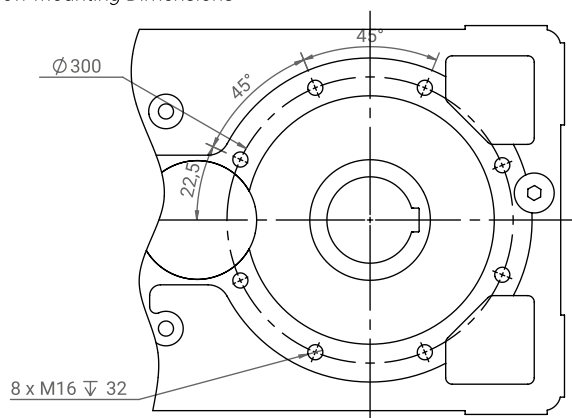


**Conf. Albero uscita**  
Output Shaft Configurations

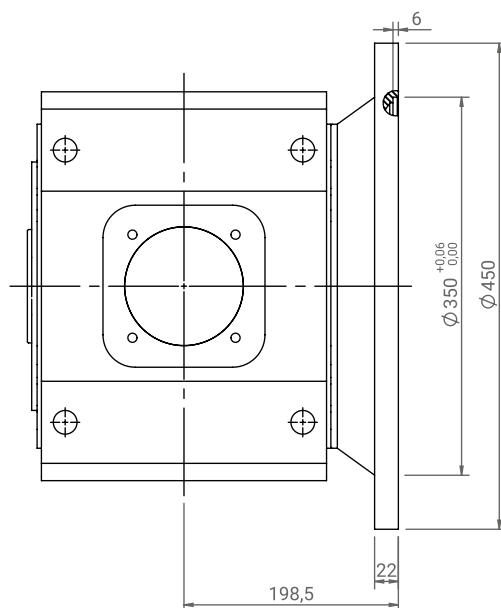
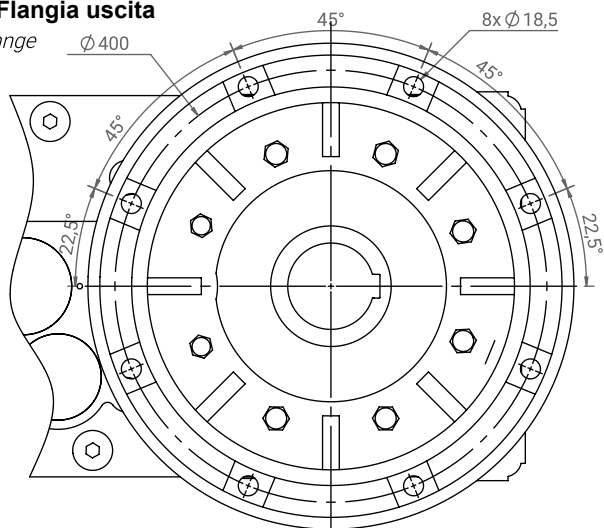
SR /SL



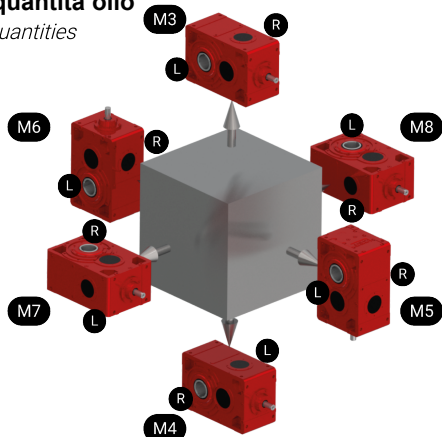
**Dimensioni montaggio laterale**  
Side View Mounting Dimensions



**FR 450 / Flangia uscita**  
Output Flange

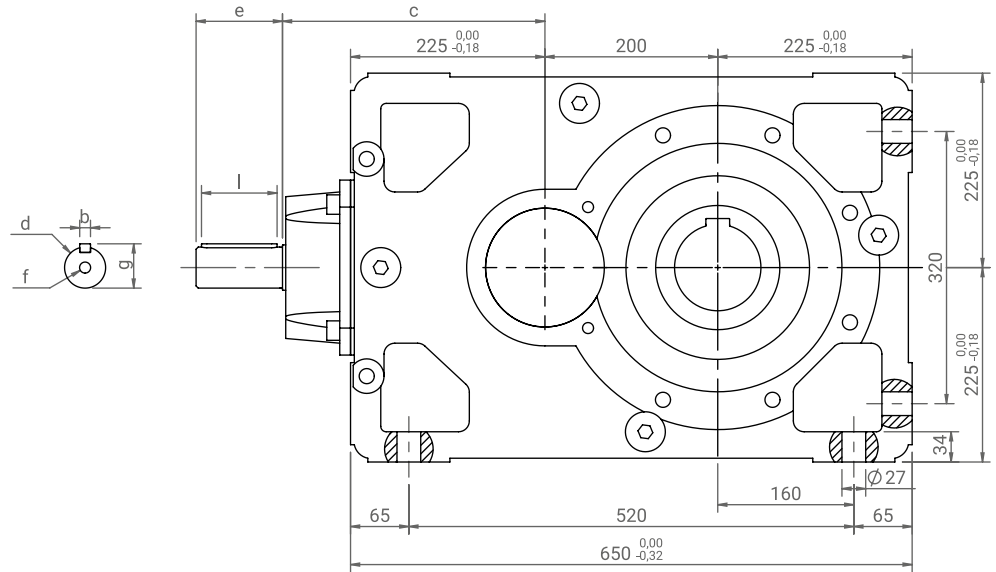
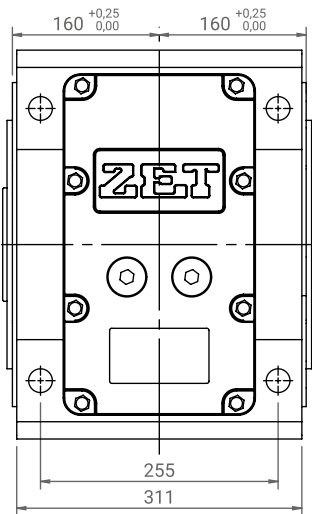
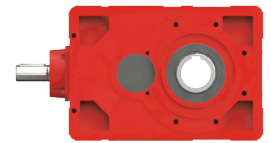


**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



| KH 2180 Quantità olio OIL QUANTITIES (L) |    |    |    |    |    |
|------------------------------------------|----|----|----|----|----|
| M3                                       | M4 | M5 | M6 | M7 | M8 |
| 12                                       | 12 | 15 | 15 | 17 | 17 |

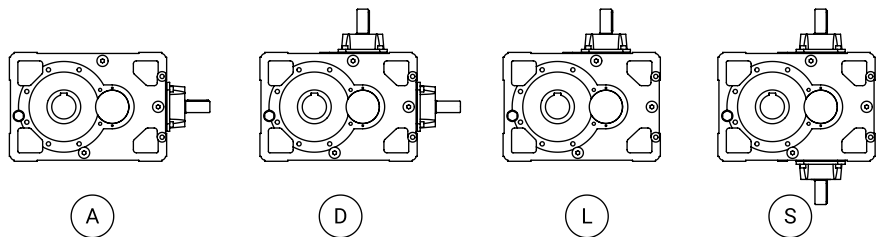
\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



**Conf. albero ingresso**  
Input Shaft Configurations

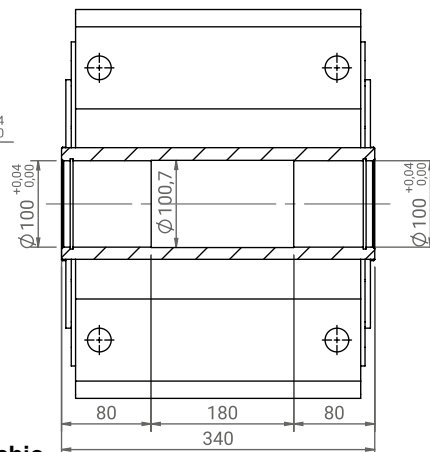
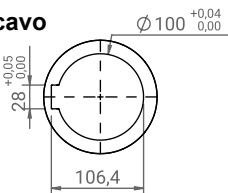


|         | b  | c   | d       | e   | g  | l  | f   |
|---------|----|-----|---------|-----|----|----|-----|
| i>18    | 10 | 290 | 32 (k6) | 80  | 35 | 70 | M12 |
| 18>i>13 | 12 | 297 | 42 (k6) | 110 | 45 | 90 | M16 |
| i<13    | 16 | 292 | 55 (m6) | 110 | 59 | 90 | M20 |

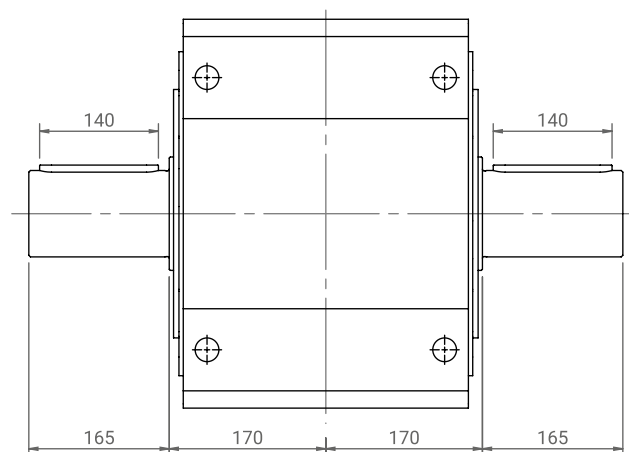
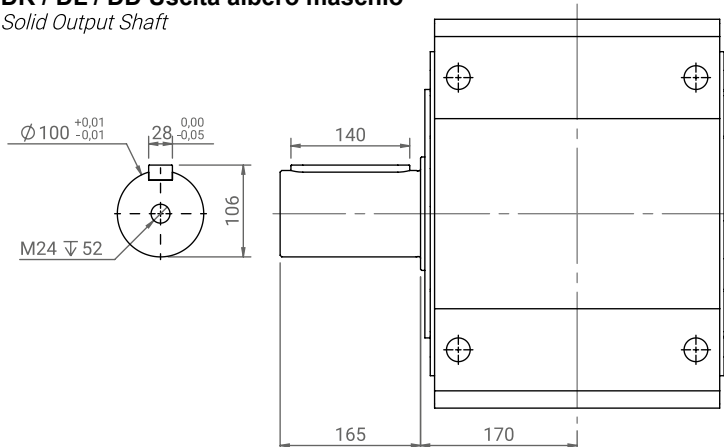


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



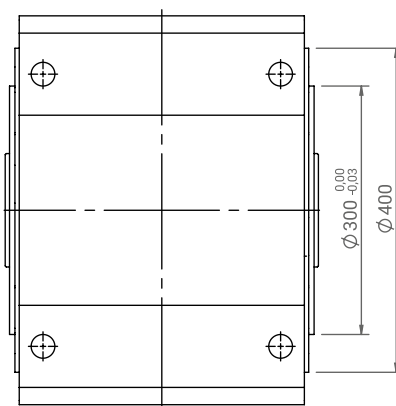
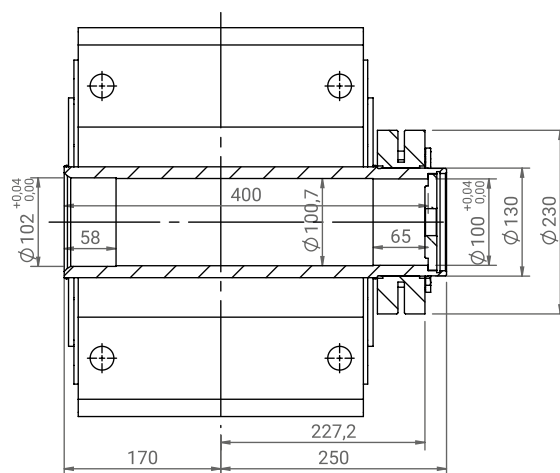
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



### Conf. Albero uscita

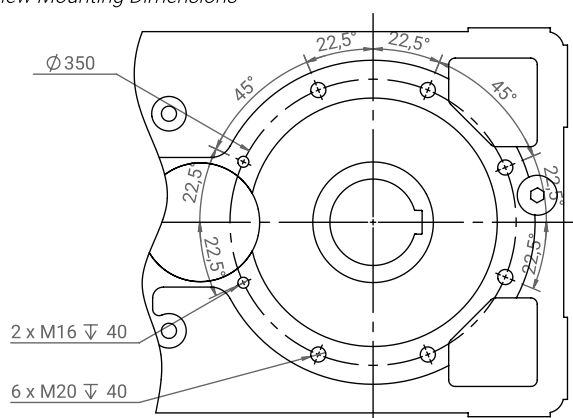
### Output Shaft Configurations

SR /SL



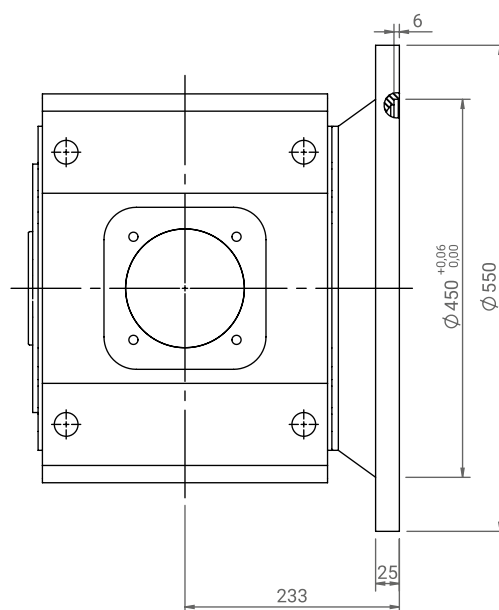
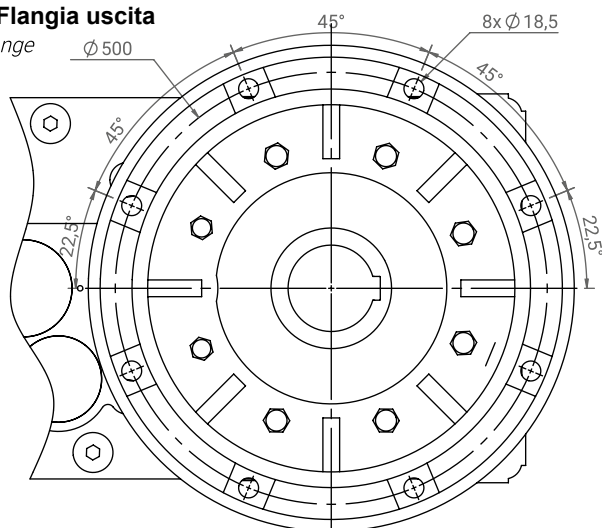
### Dimensioni montaggio laterale

### Side View Mounting Dimensions



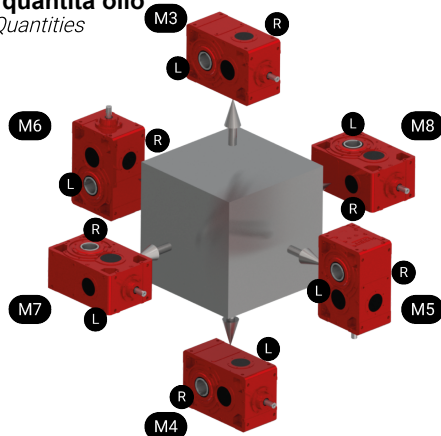
## FR 550 / Flangia uscita

*Output Flange*



### Posizioni montaggio e quantità olio

### Posizioni Montaggio e quantità Mounting Positions\* and Oil Quantities

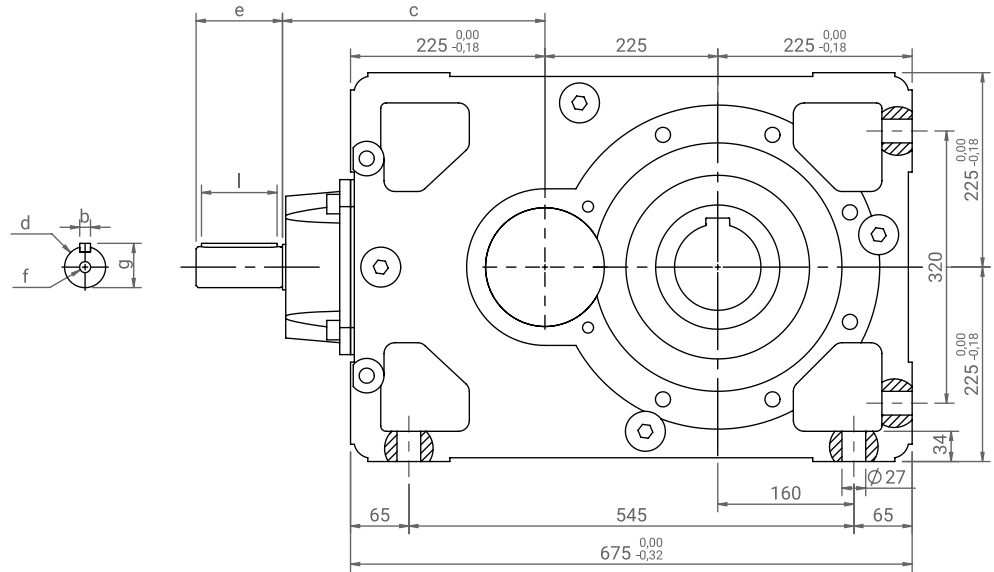
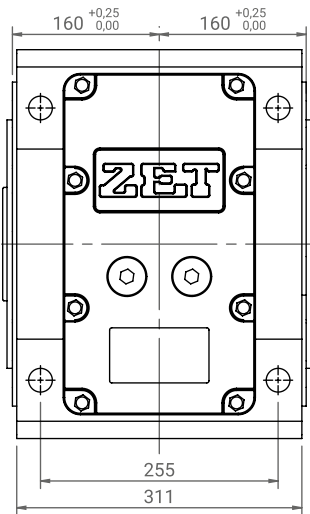
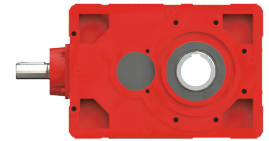


315 Kg

| KH 2200 Quantità olio OIL QUANTITIES (L) |    |    |    |    |    |
|------------------------------------------|----|----|----|----|----|
| M3                                       | M4 | M5 | M6 | M7 | M8 |
| 23                                       | 23 | 29 | 30 | 35 | 34 |

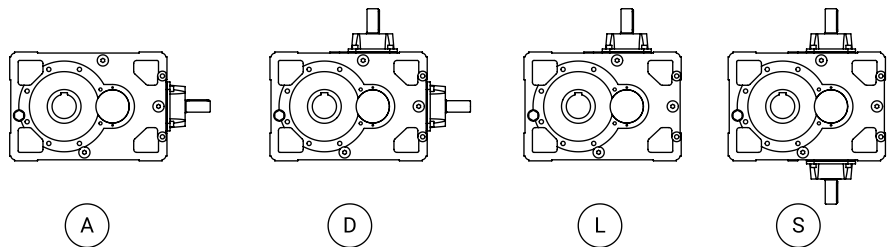
**\*Posizione montaggio mostrate con configurazione HS**

*\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION*



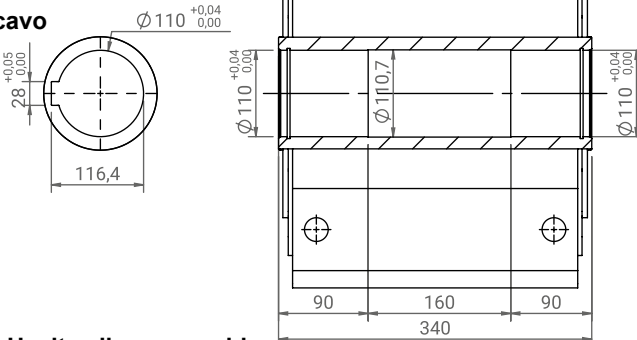
**Conf. albero ingresso**  
Input Shaft Configurations

|         | b  | c   | d       | e   | g  | l  | f   |
|---------|----|-----|---------|-----|----|----|-----|
| i>17    | 10 | 290 | 32 (k6) | 80  | 35 | 70 | M12 |
| 17>i>13 | 12 | 297 | 42 (k6) | 110 | 45 | 90 | M16 |
| i<13    | 16 | 292 | 55 (m6) | 110 | 59 | 90 | M20 |

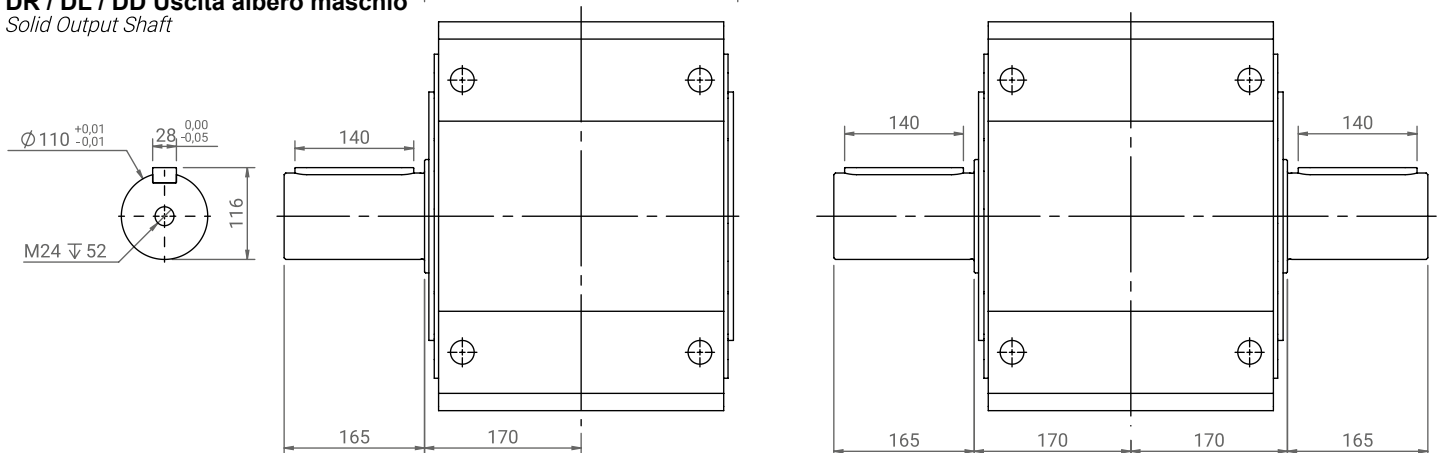


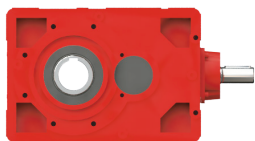
**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



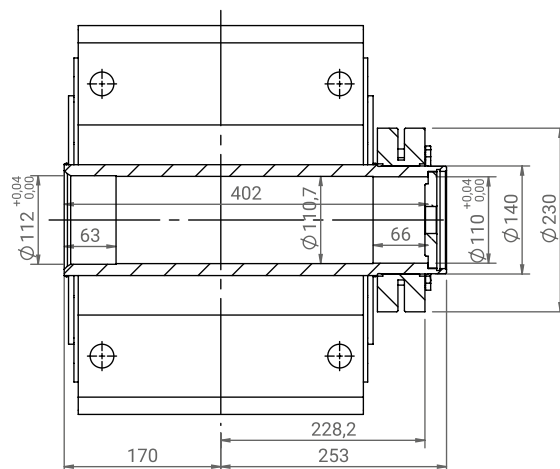
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



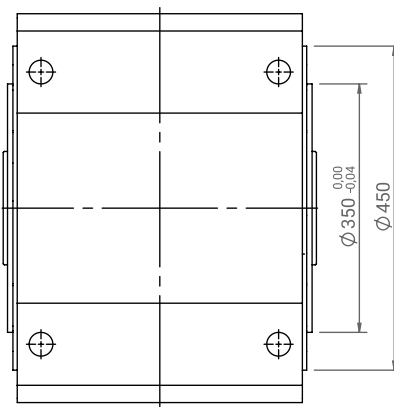
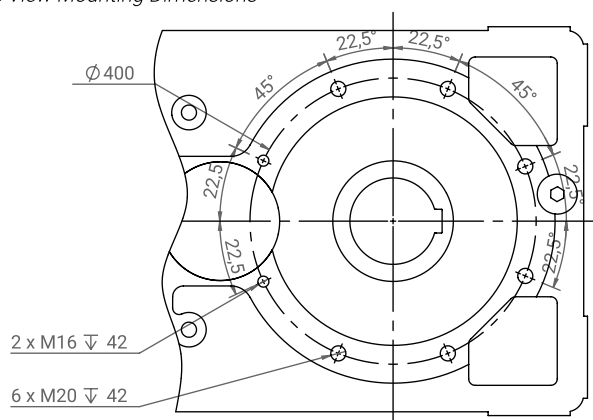


**Conf. Albero uscita**  
Output Shaft Configurations

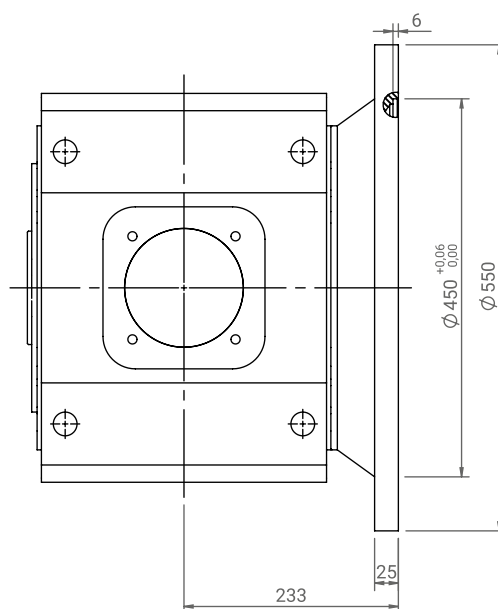
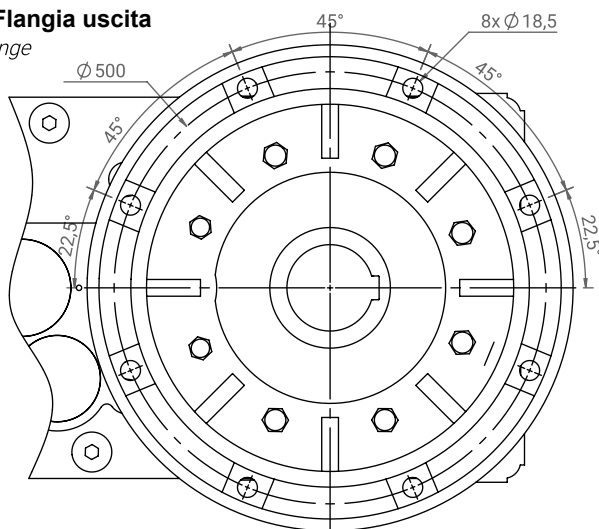
SR / SL



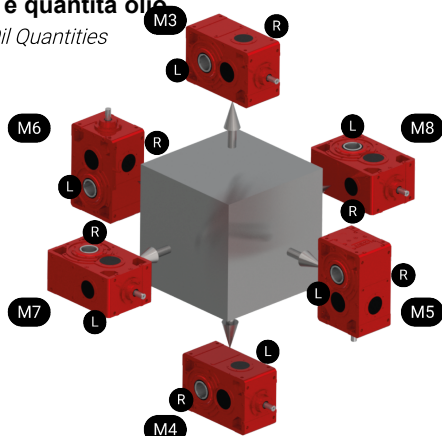
**Dimensioni montaggio laterale**  
Side View Mounting Dimensions



**FR 550 / Flangia uscita**  
Output Flange

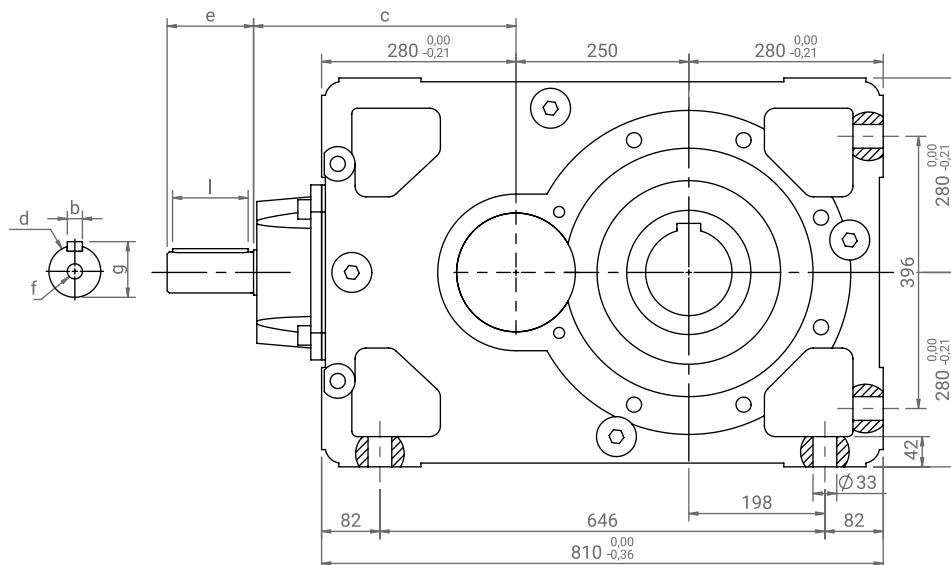
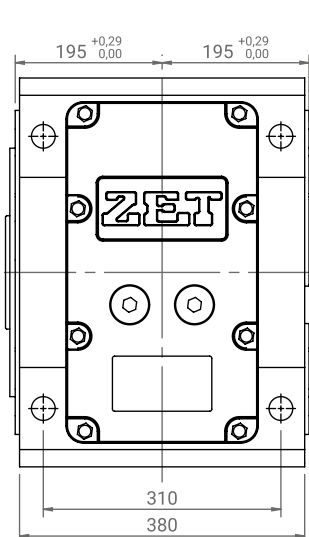
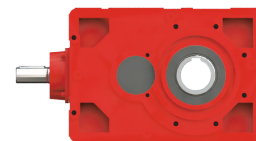


**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities

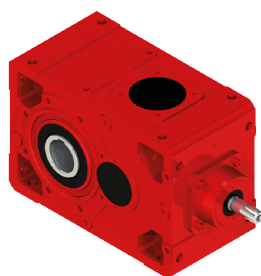


| KH 2225 Quantità olio OIL QUANTITIES (L) |    |    |    |    |    |
|------------------------------------------|----|----|----|----|----|
| M3                                       | M4 | M5 | M6 | M7 | M8 |
| 23                                       | 23 | 29 | 30 | 35 | 34 |

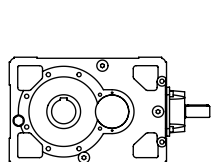
\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



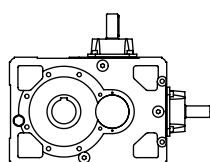
**Conf. albero ingresso**  
Input Shaft Configurations



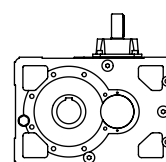
|        | b  | c   | d       | e   | g    | l   | f   |
|--------|----|-----|---------|-----|------|-----|-----|
| i>17   | 16 | 372 | 55 (m6) | 110 | 59   | 90  | M20 |
| 17>i11 | 18 | 394 | 60 (m6) | 140 | 64   | 110 | M20 |
| i<11   | 20 | 402 | 70 (m6) | 140 | 74,5 | 125 | M20 |



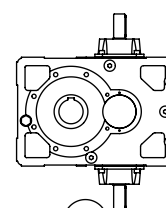
(A)



(D)



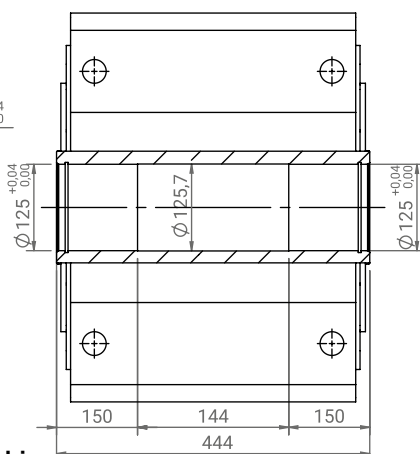
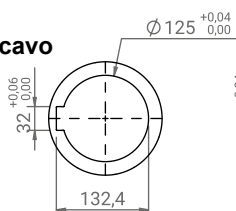
(L)



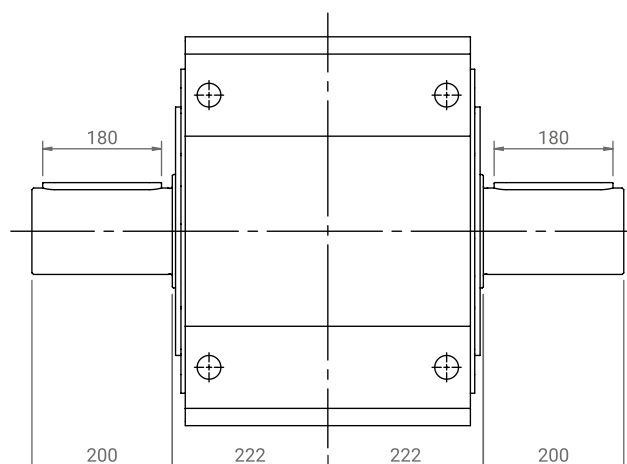
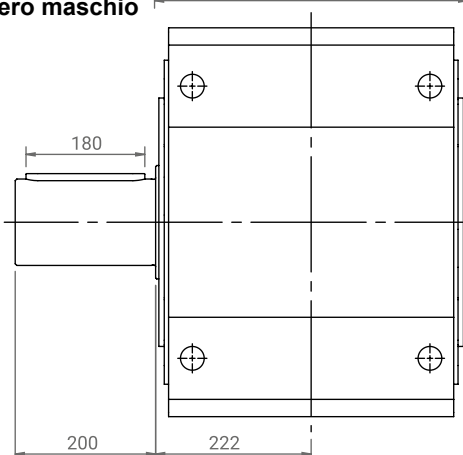
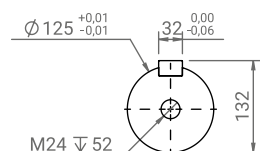
(S)

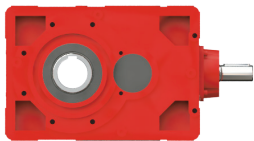
**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



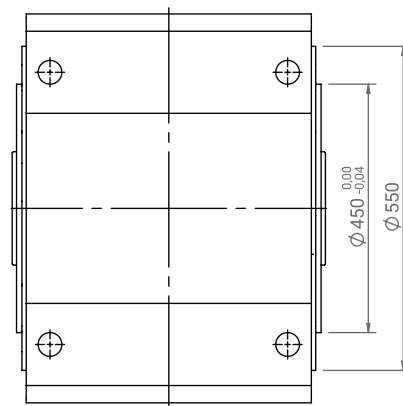
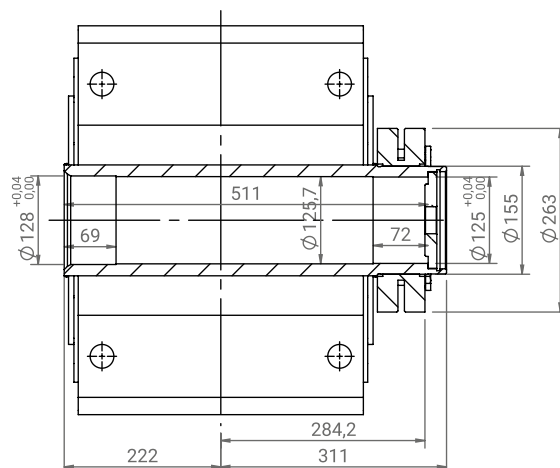
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



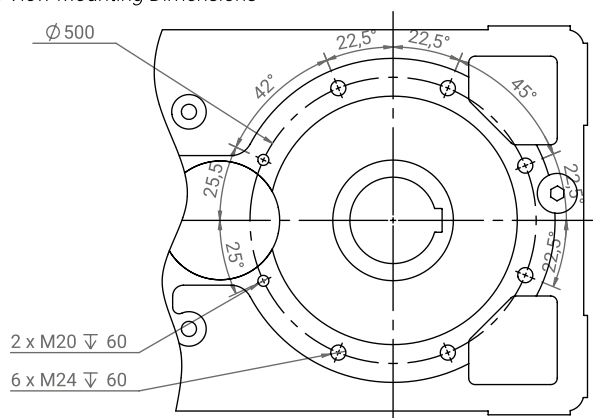


**Conf. Albero uscita**  
Output Shaft Configurations

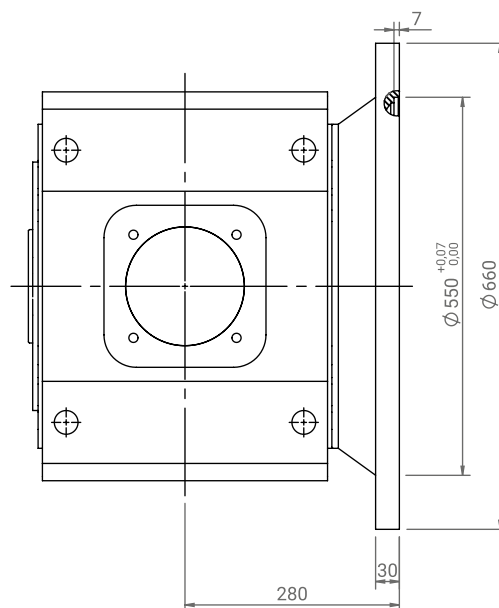
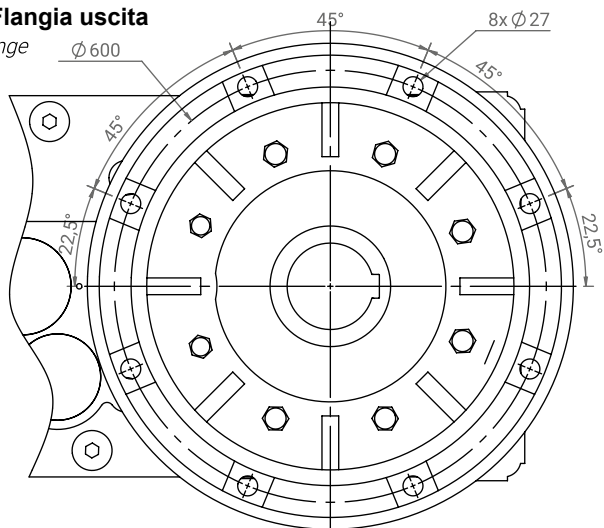
SR / SL



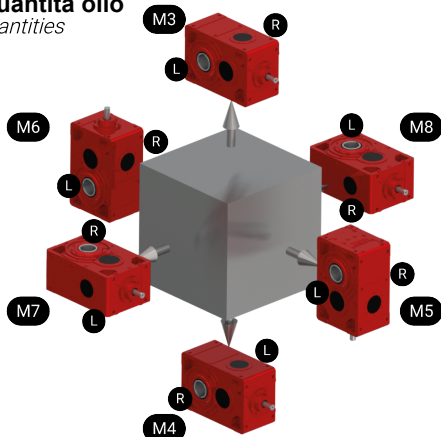
**Dimensioni montaggio laterale**  
Side View Mounting Dimensions



**FR 660 / Flangia uscita**  
Output Flange



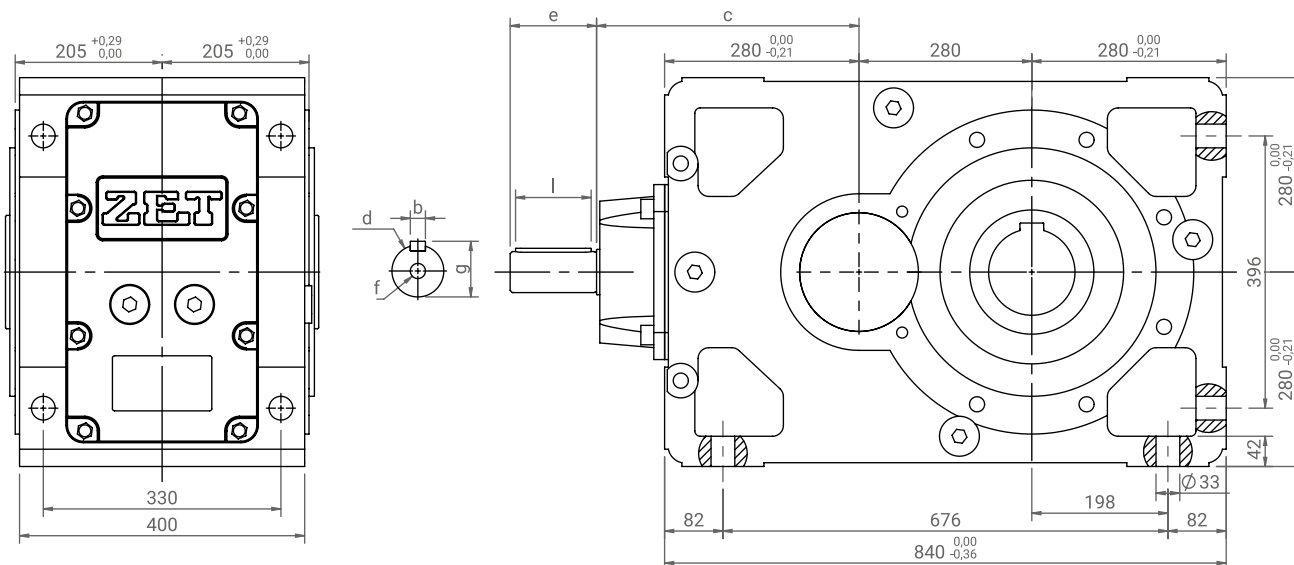
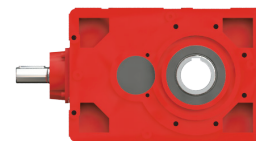
**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



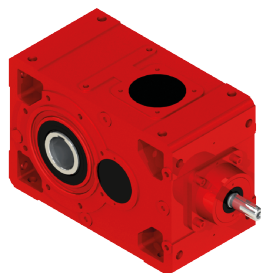
| KH 2250 Quantità olio OIL QUANTITIES (L) |    |    |    |    |    |
|------------------------------------------|----|----|----|----|----|
| M3                                       | M4 | M5 | M6 | M7 | M8 |
| 38                                       | 38 | 59 | 56 | 66 | 65 |

\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION

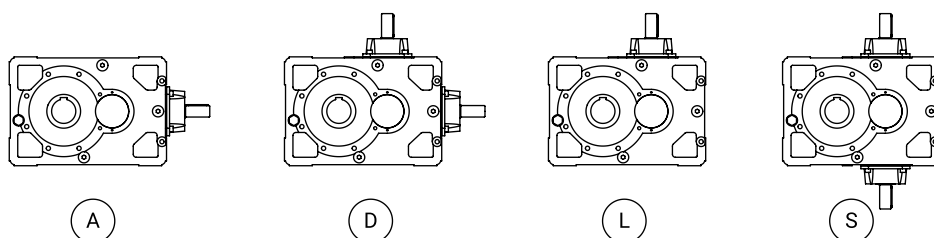




**Conf. albero ingresso**  
Input Shaft Configurations

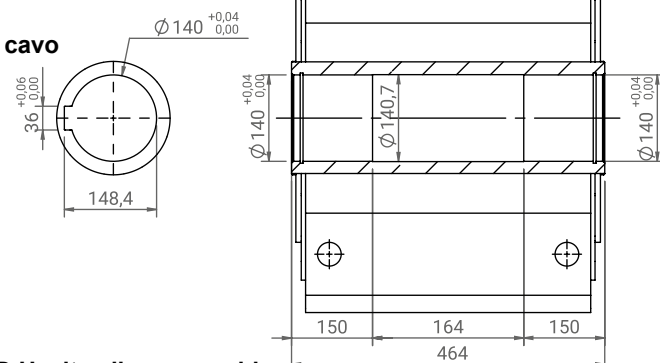


|        | b  | c   | d       | e   | g    | l   | f   |
|--------|----|-----|---------|-----|------|-----|-----|
| i>17   | 16 | 372 | 55 (m6) | 110 | 59   | 90  | M20 |
| 17>i11 | 18 | 394 | 60 (m6) | 140 | 64   | 110 | M20 |
| i<11   | 20 | 402 | 70 (m6) | 140 | 74,5 | 125 | M20 |

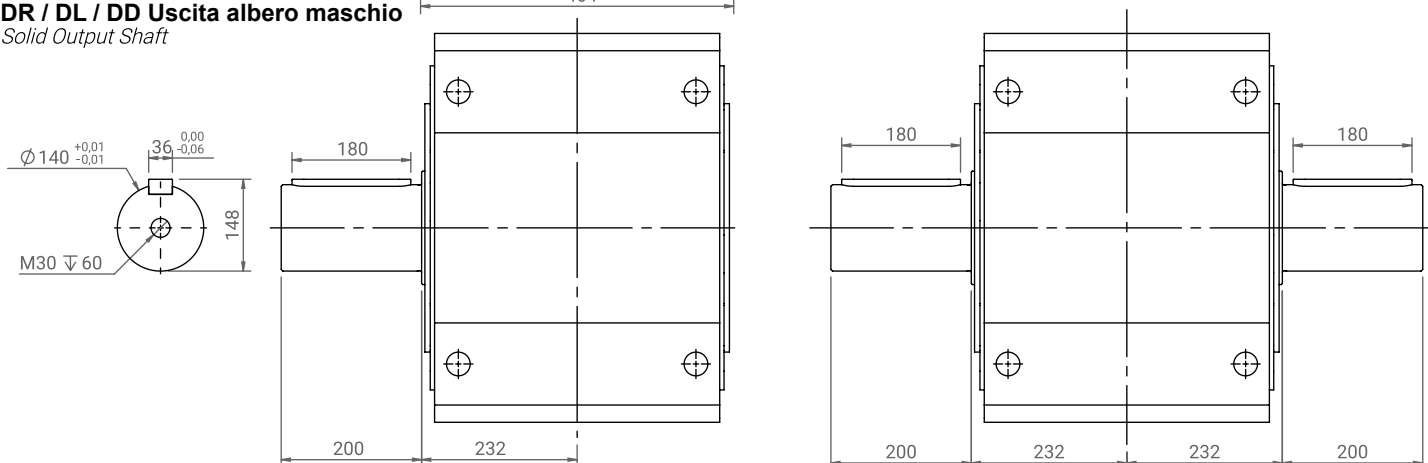


**Conf. Albero uscita**  
Output Shaft Configurations

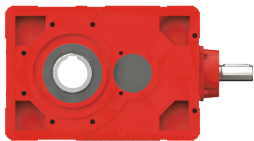
**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft

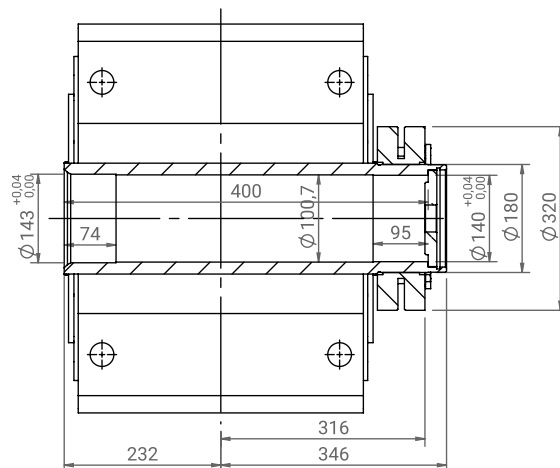




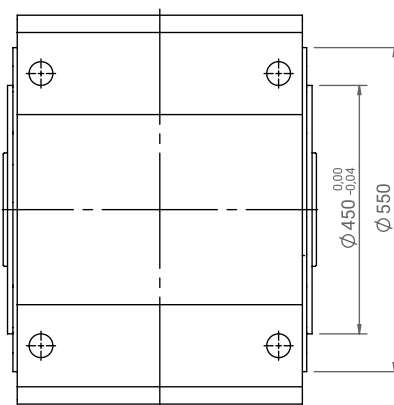
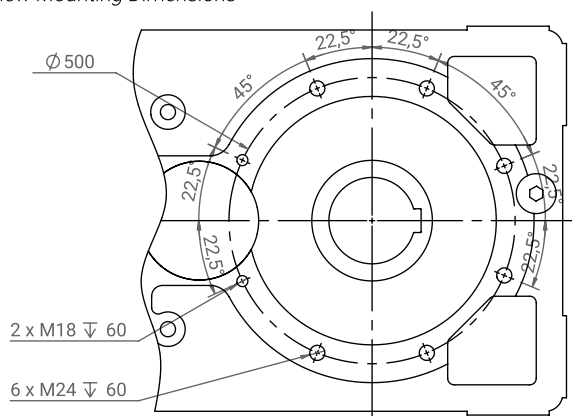


**Conf. Albero uscita**  
Output Shaft Configurations

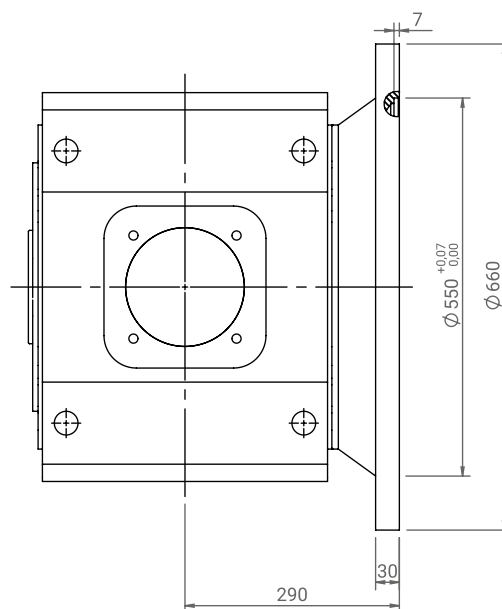
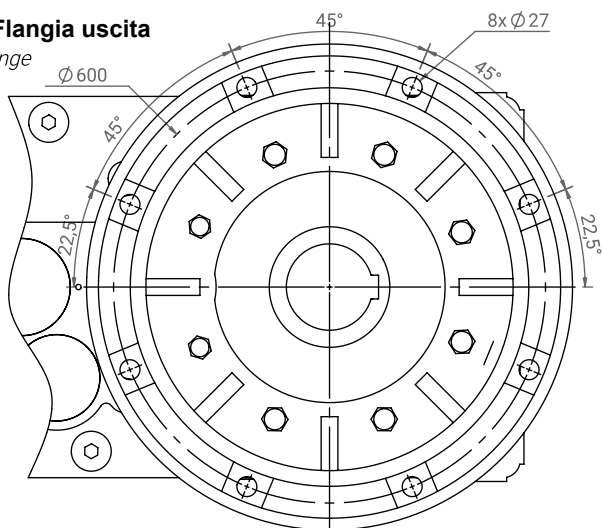
SR / SL



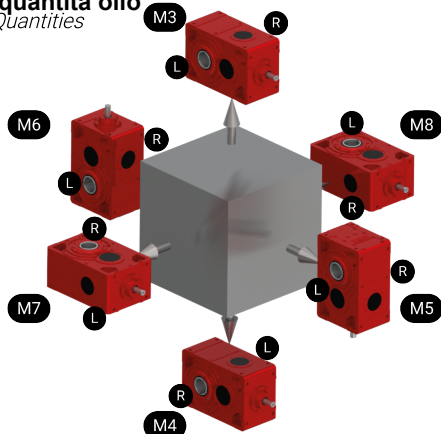
**Dimensioni montaggio laterale**  
Side View Mounting Dimensions



**FR 660 / Flangia uscita**  
Output Flange

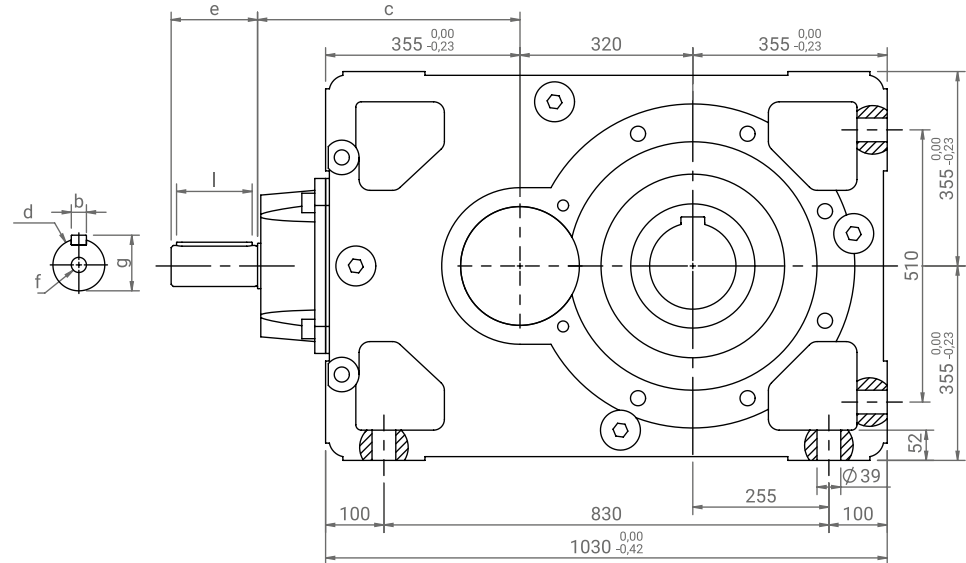
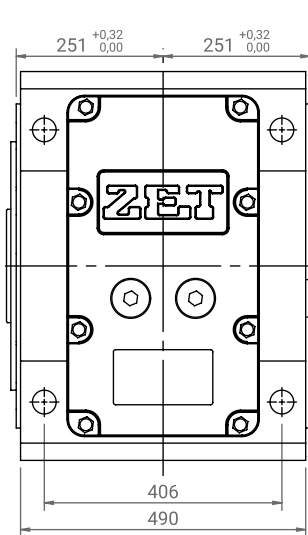
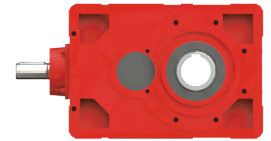


**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



| KH 2280 Quantità olio OIL QUANTITIES (L) |    |    |    |    |    |
|------------------------------------------|----|----|----|----|----|
| M3                                       | M4 | M5 | M6 | M7 | M8 |
| 45                                       | 45 | 65 | 57 | 67 | 66 |

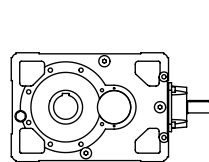
\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



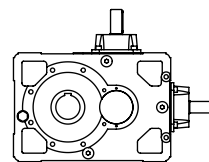
**Conf. albero ingresso**  
Input Shaft Configurations



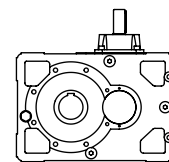
|        | b  | c   | d       | e   | g    | l   | f   |
|--------|----|-----|---------|-----|------|-----|-----|
| i>17   | 20 | 441 | 70 (m6) | 140 | 74,5 | 125 | M20 |
| 17>i12 | 22 | 464 | 80 (m6) | 170 | 85   | 140 | M20 |
| i<12   | 25 | 464 | 90 (m6) | 170 | 95   | 140 | M24 |



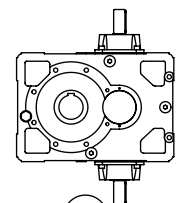
A



D



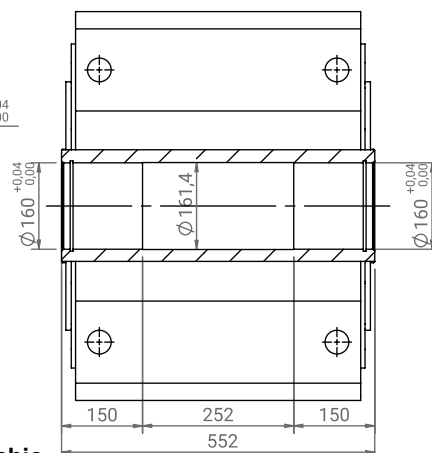
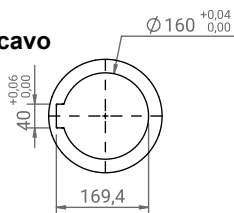
L



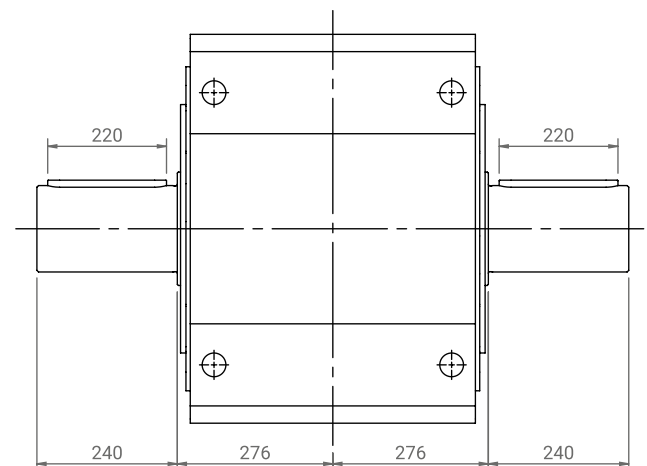
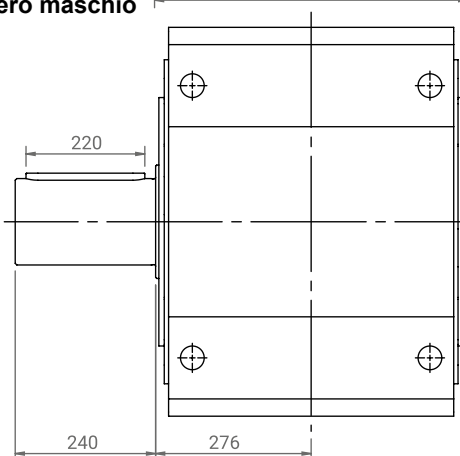
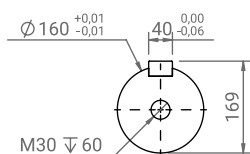
S

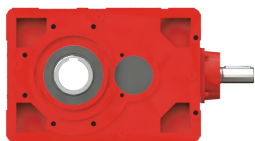
**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



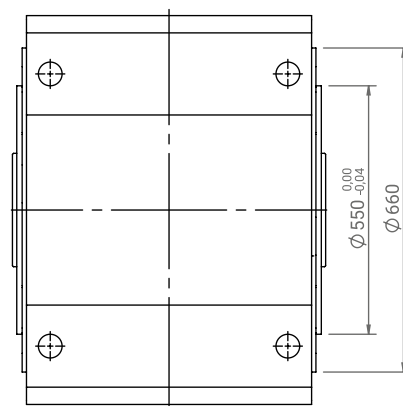
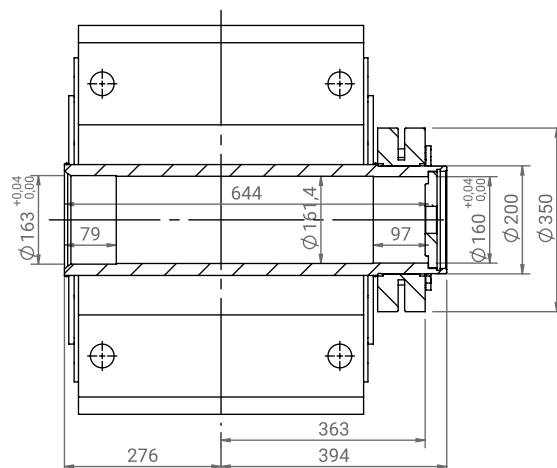
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



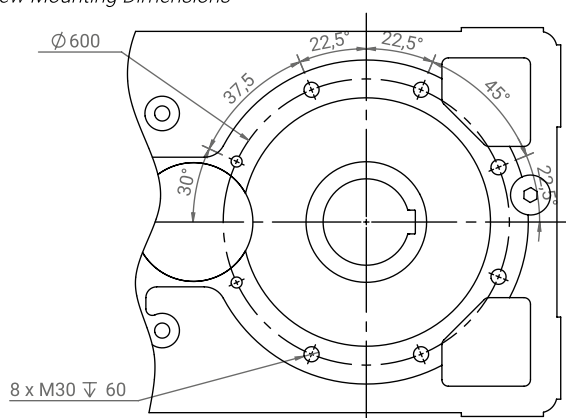


**Conf. Albero uscita**  
Output Shaft Configurations

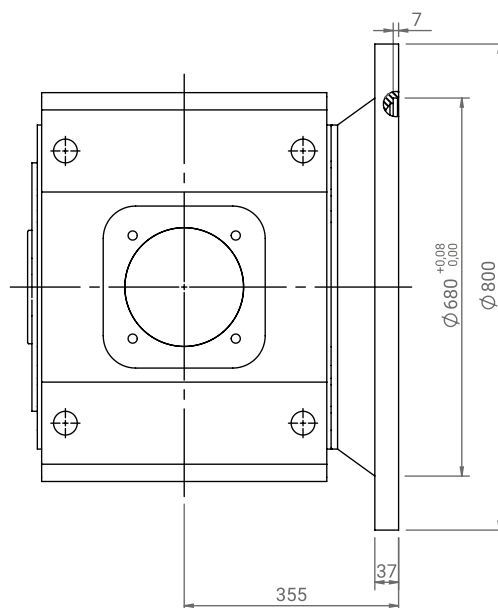
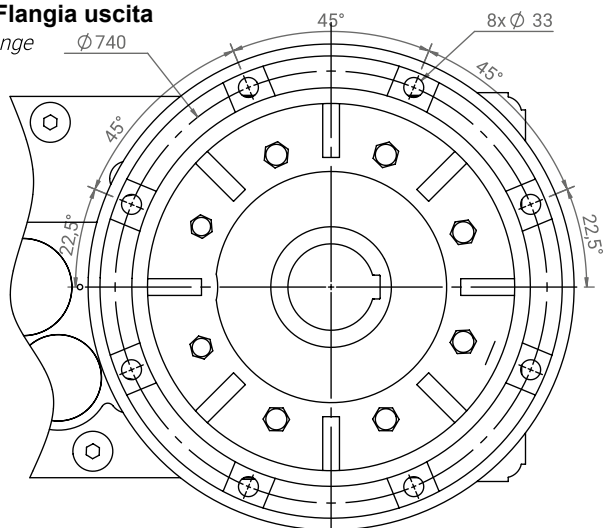
SR / SL



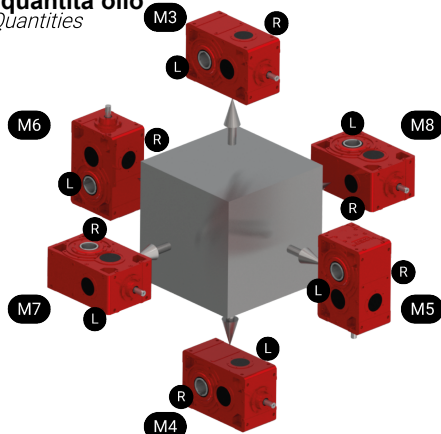
**Dimensioni montaggio laterale**  
Side View Mounting Dimensions



**FR 800 / Flangia uscita**  
Output Flange



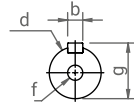
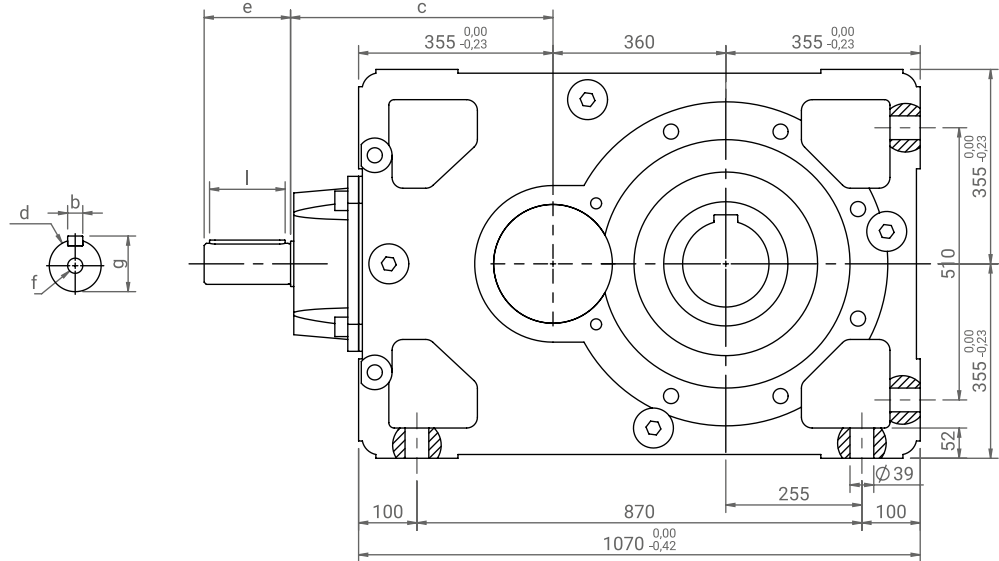
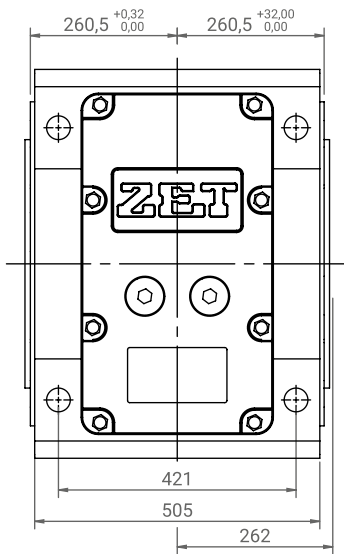
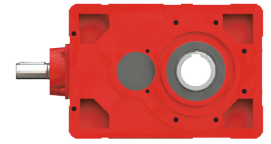
**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



1200 Kg

| KH 2320 Quantità olio OIL QUANTITIES (L) |    |     |     |     |     |
|------------------------------------------|----|-----|-----|-----|-----|
| M3                                       | M4 | M5  | M6  | M7  | M8  |
| 92                                       | 92 | 114 | 121 | 135 | 132 |

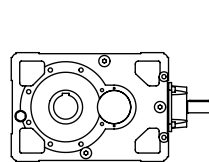
\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



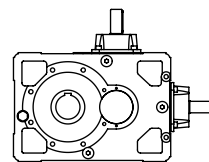
**Conf. albero ingresso**  
Input Shaft Configurations



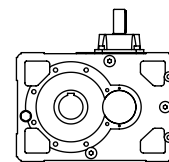
|        | b  | c   | d       | e   | g    | l   | f   |
|--------|----|-----|---------|-----|------|-----|-----|
| i>17   | 20 | 441 | 70 (m6) | 140 | 74,5 | 125 | M20 |
| 17>i12 | 22 | 464 | 80 (m6) | 170 | 85   | 140 | M20 |
| i<12   | 25 | 464 | 90 (m6) | 170 | 95   | 140 | M24 |



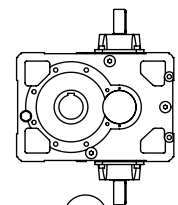
A



D



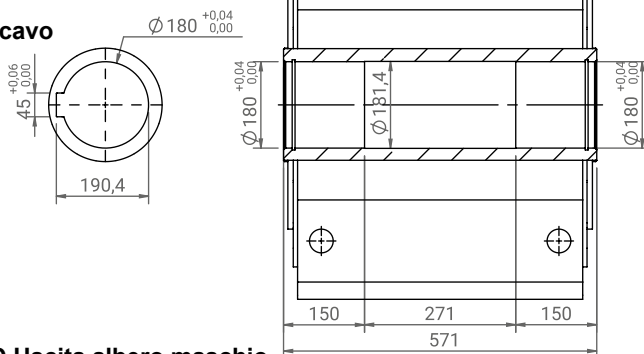
L



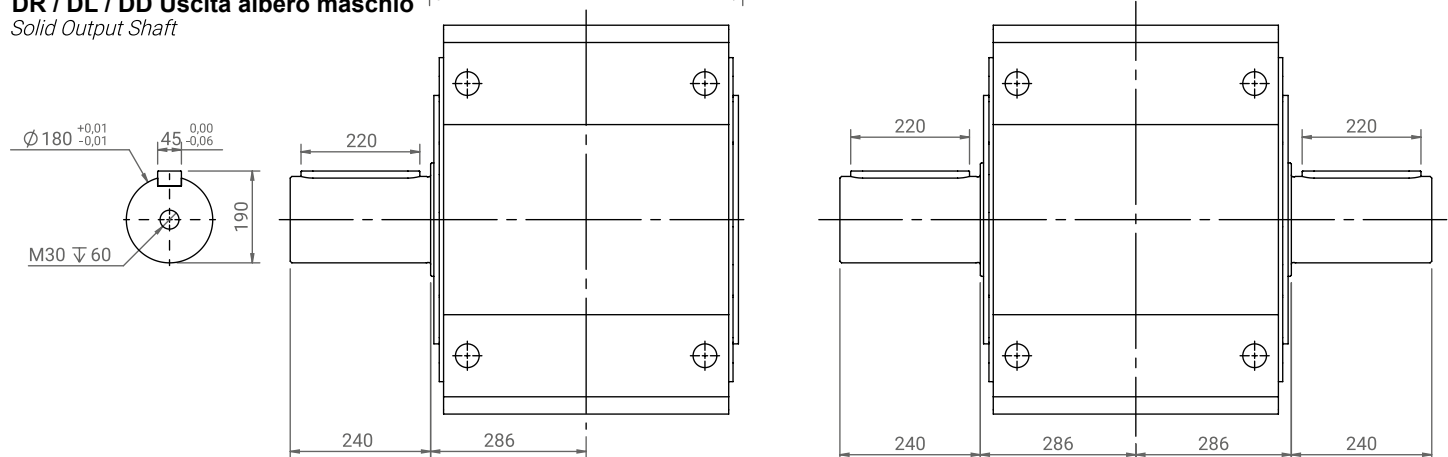
S

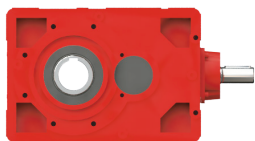
**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



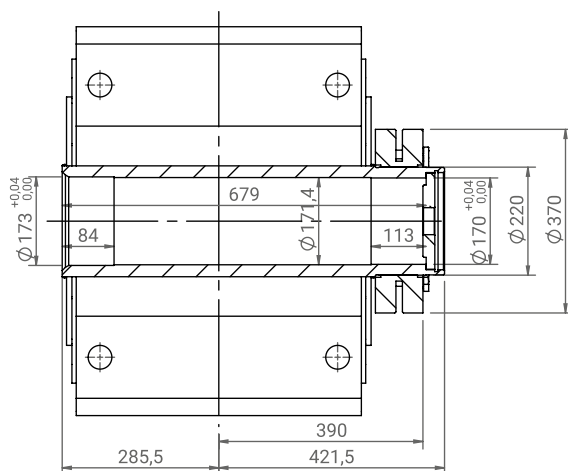
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



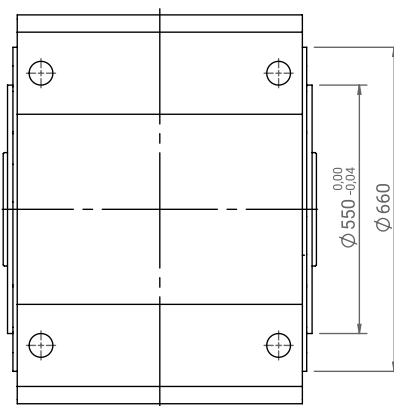
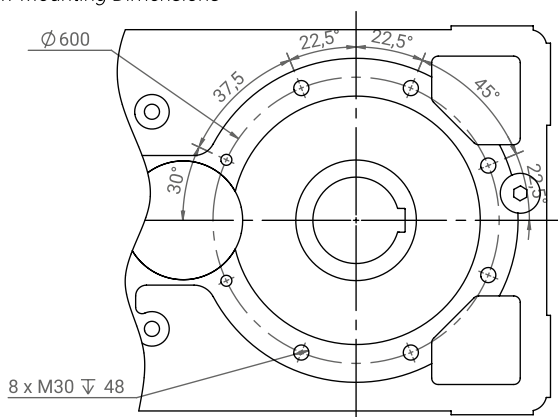


**Conf. Albero uscita**  
Output Shaft Configurations

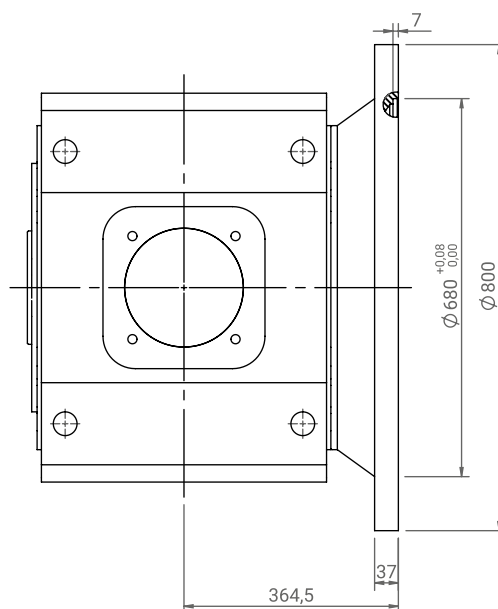
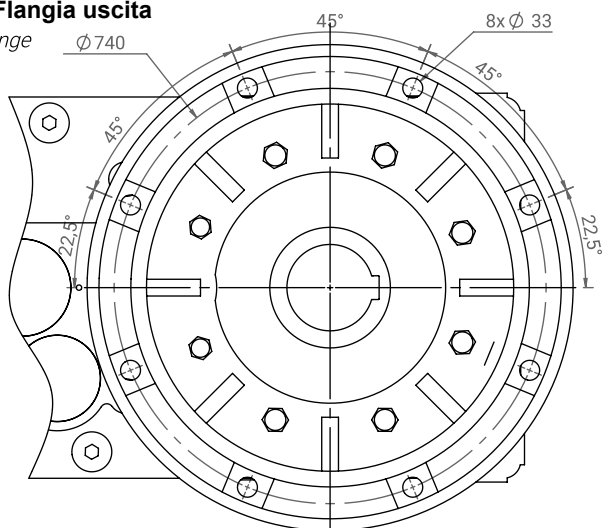
SR / SL



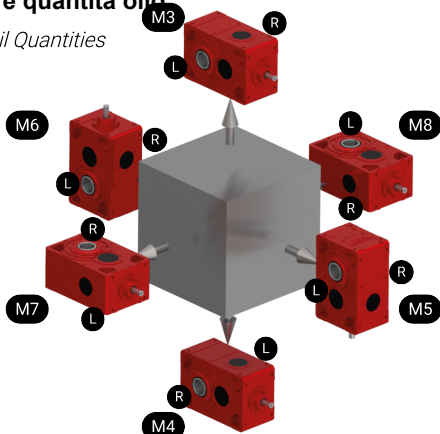
**Dimensioni montaggio laterale**  
Side View Mounting Dimensions



**FR 800 / Flangia uscita**  
Output Flange



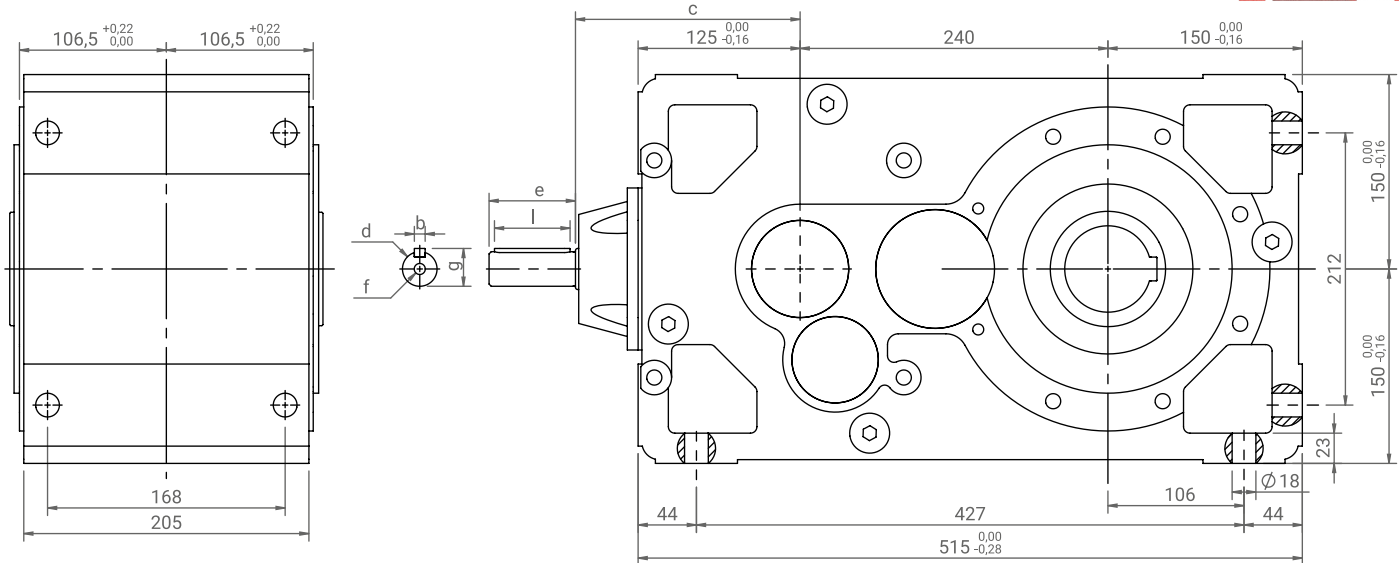
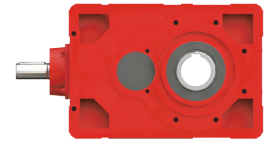
**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



1355 Kg

| KH 2360 Quantità olio OIL QUANTITIES (L) |    |     |     |     |     |
|------------------------------------------|----|-----|-----|-----|-----|
| M3                                       | M4 | M5  | M6  | M7  | M8  |
| 93                                       | 93 | 123 | 121 | 139 | 149 |

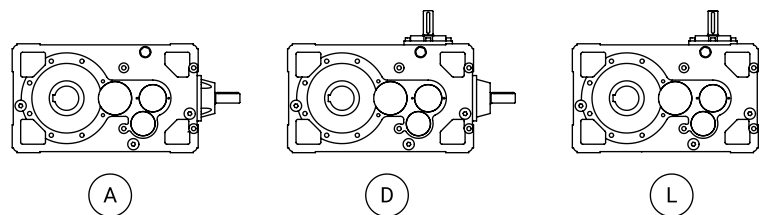
\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



**Conf. albero ingresso**  
Input Shaft Configurations

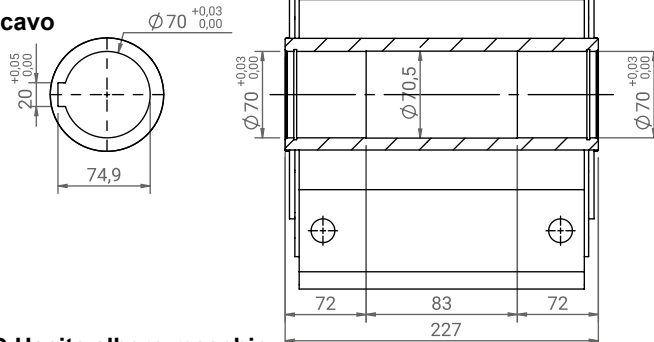


|         | b | c   | d       | e  | g    | l  | f  |
|---------|---|-----|---------|----|------|----|----|
| i>80    | 5 | 168 | 16 (j6) | 30 | 18   | 25 | M5 |
| 40<i<80 | 6 | 168 | 19 (j6) | 40 | 21,5 | 36 | M6 |
| i≤40    | 8 | 168 | 24 (k6) | 50 | 27   | 45 | M8 |

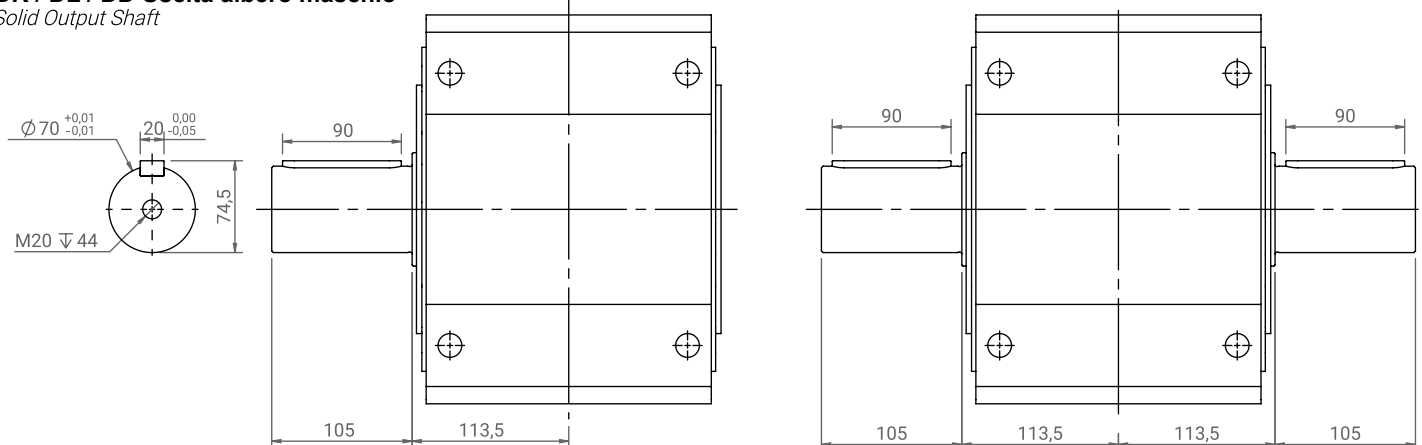


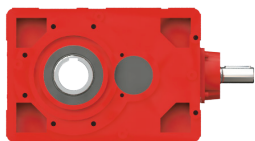
**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



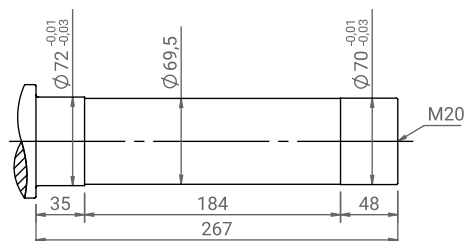
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft





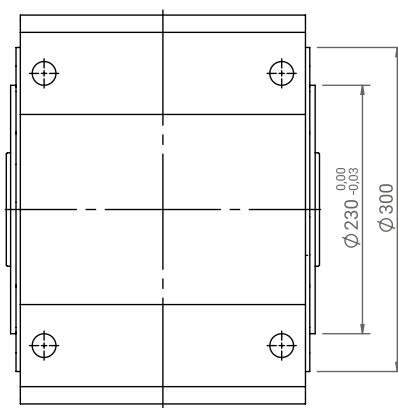
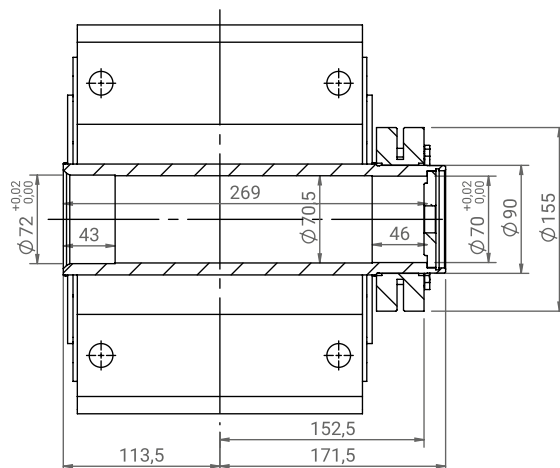
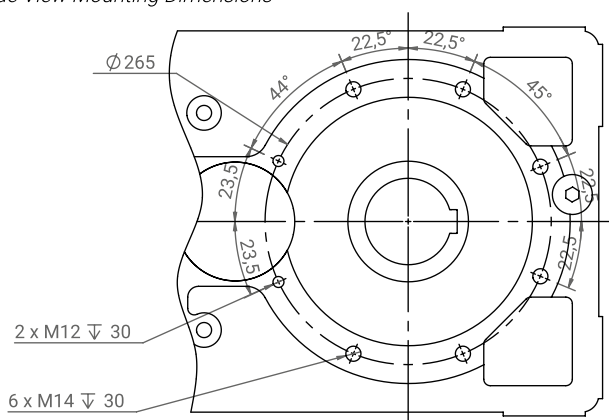
**Conf. Albero uscita**  
Output Shaft Configurations

SR /SL

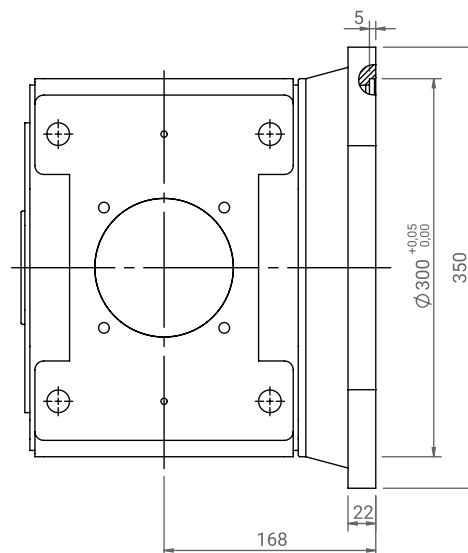
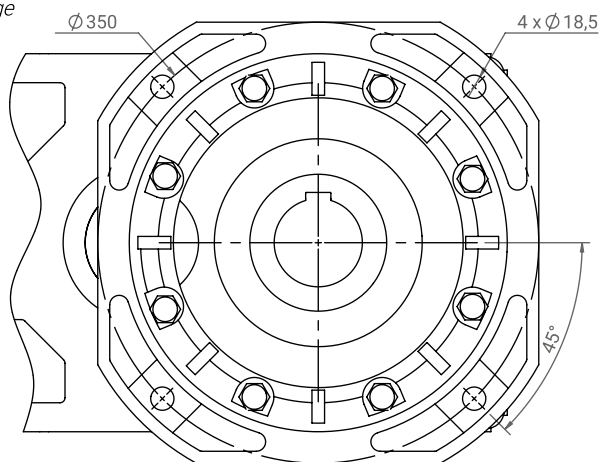


**Albero esterno** Customer Shaft

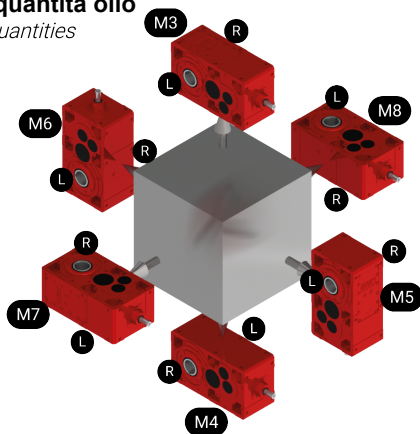
**Dimensioni montaggio laterale**  
Side View Mounting Dimensions



**FR 350 / Flangia uscita**  
Output Flange



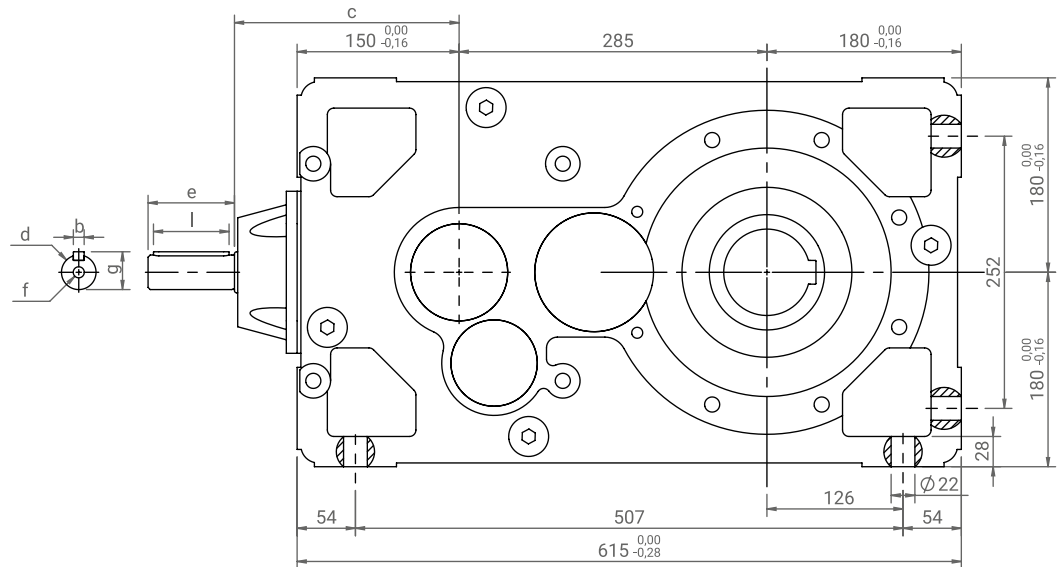
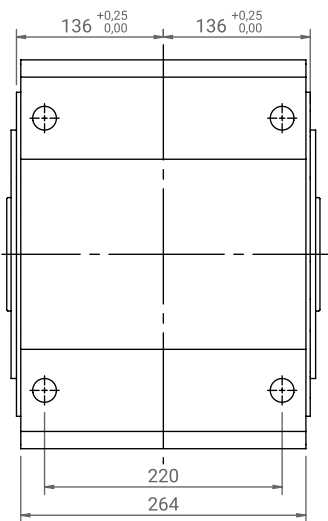
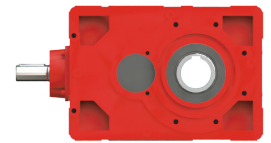
**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



| KH 3140 Quantità olio OIL QUANTITIES (L) |    |    |    |    |    |
|------------------------------------------|----|----|----|----|----|
| M3                                       | M4 | M5 | M6 | M7 | M8 |
| 8                                        | 8  | 11 | 12 | 13 | 11 |

\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION

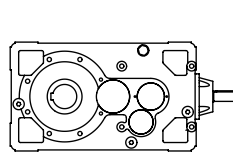




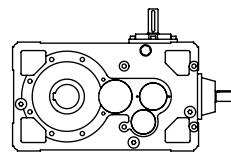
**Conf. albero ingresso**  
Input Shaft Configurations



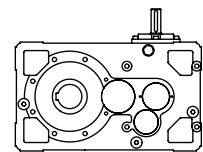
|           | b  | c   | d       | e  | g    | l  | f   |
|-----------|----|-----|---------|----|------|----|-----|
| i>80      | 6  | 208 | 19 (j6) | 40 | 21,5 | 36 | M6  |
| 41,2<i<80 | 8  | 208 | 28 (j6) | 60 | 31   | 45 | M10 |
| i≤41,2    | 10 | 208 | 32 (k6) | 80 | 35   | 70 | M12 |



A



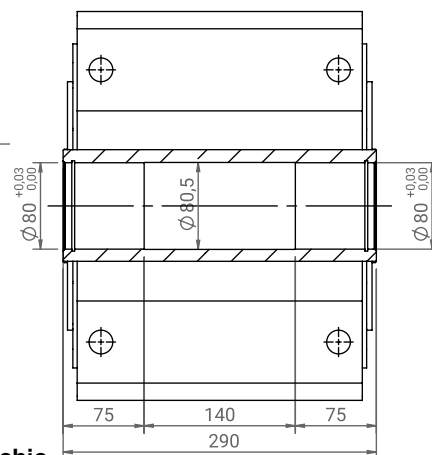
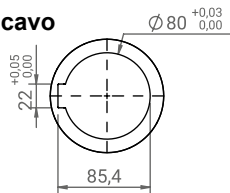
D



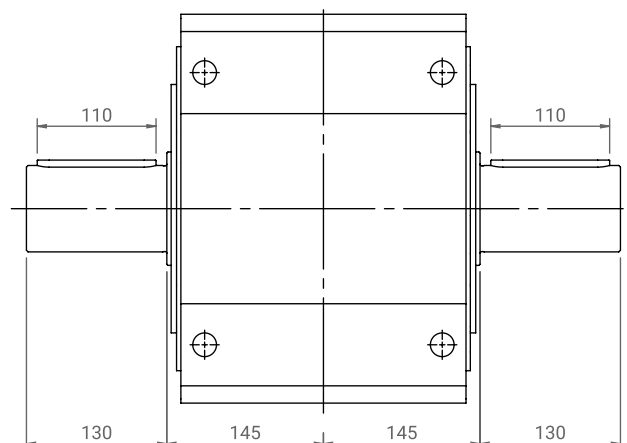
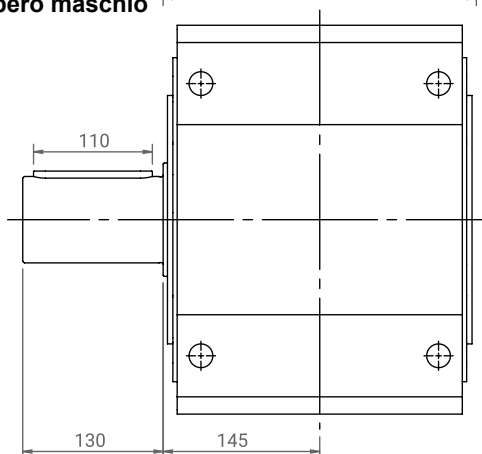
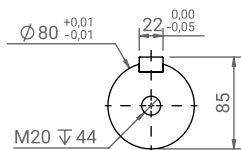
L

**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



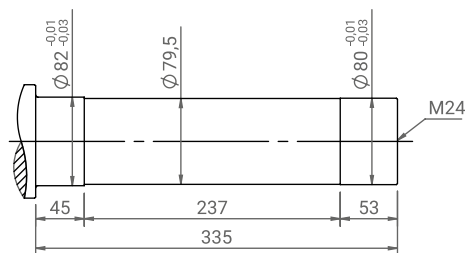




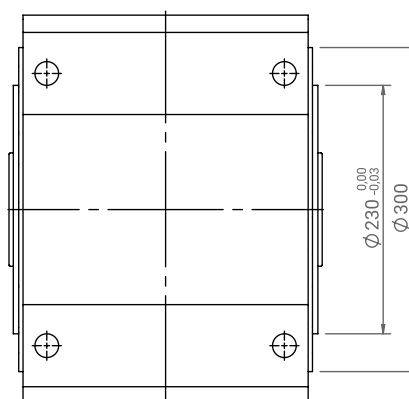
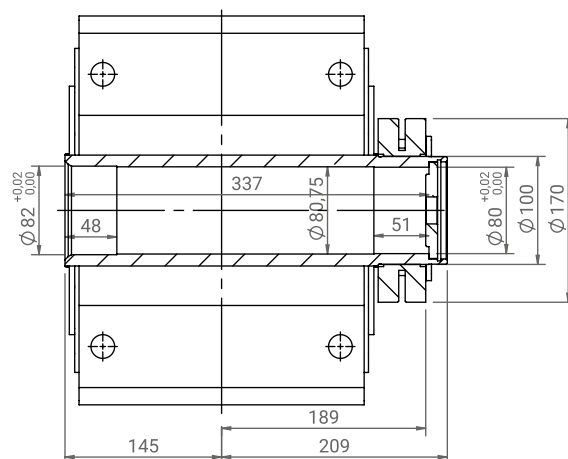
## Dimensioni / Dimension Sheets

### Output Shaft Configurations

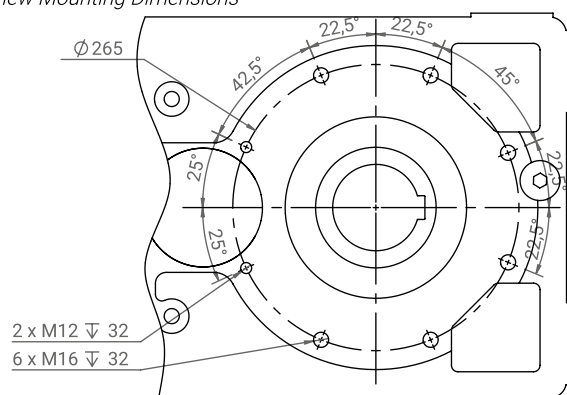
SR /SL



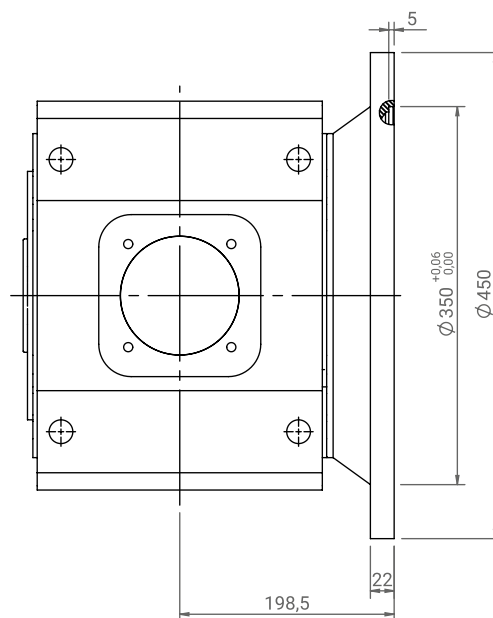
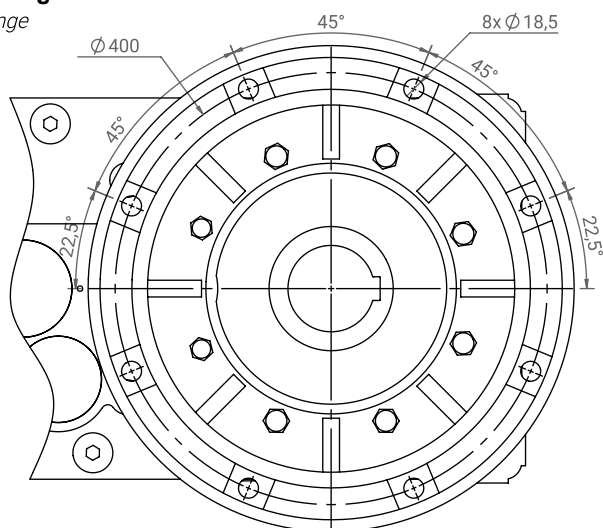
**Albero esterno**     *Customer Shaft*



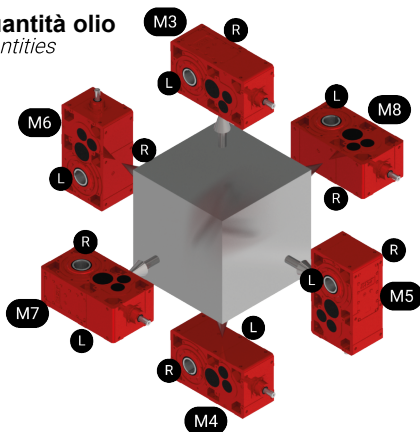
### Side View Mounting Dimensions



*Output Flange*



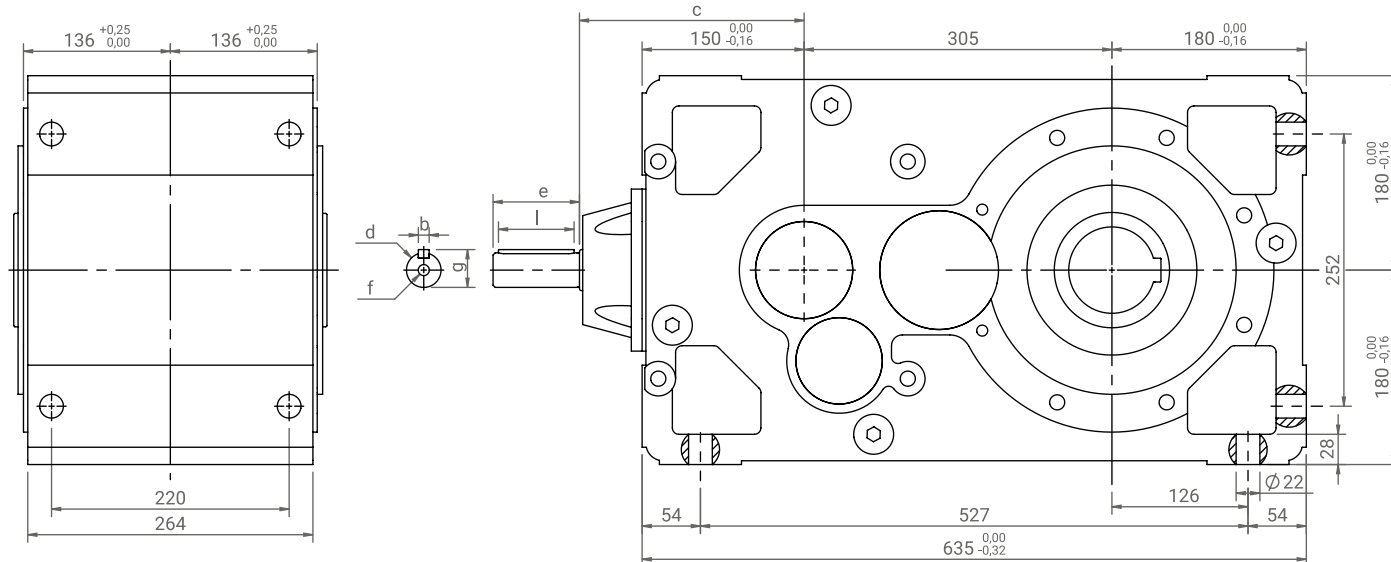
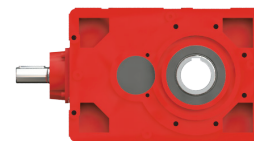
### Mounting Positions\* and Oil Quantities



213 Kg

| KH 3160 Quantità olio <i>OIL QUANTITIES</i> (L) |    |    |    |    |    |
|-------------------------------------------------|----|----|----|----|----|
| M3                                              | M4 | M5 | M6 | M7 | M8 |
| 15                                              | 15 | 20 | 19 | 21 | 21 |

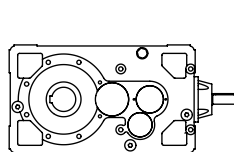
**\*Posizione montaggio mostrate con configurazione HS**  
**\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION**



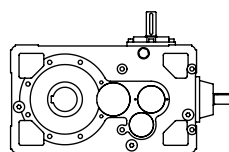
**Conf. albero ingresso**  
Input Shaft Configurations



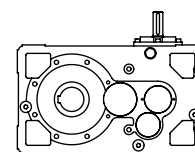
|         | b  | c   | d       | e  | g    | l  | f   |
|---------|----|-----|---------|----|------|----|-----|
| i>75    | 6  | 208 | 19 (j6) | 40 | 21,5 | 36 | M6  |
| 35<i<75 | 8  | 208 | 28 (j6) | 60 | 31   | 45 | M10 |
| i<35    | 10 | 208 | 32 (k6) | 80 | 35   | 70 | M12 |



(A)



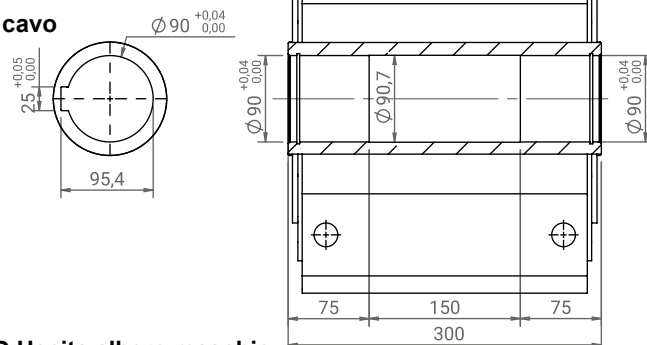
(D)



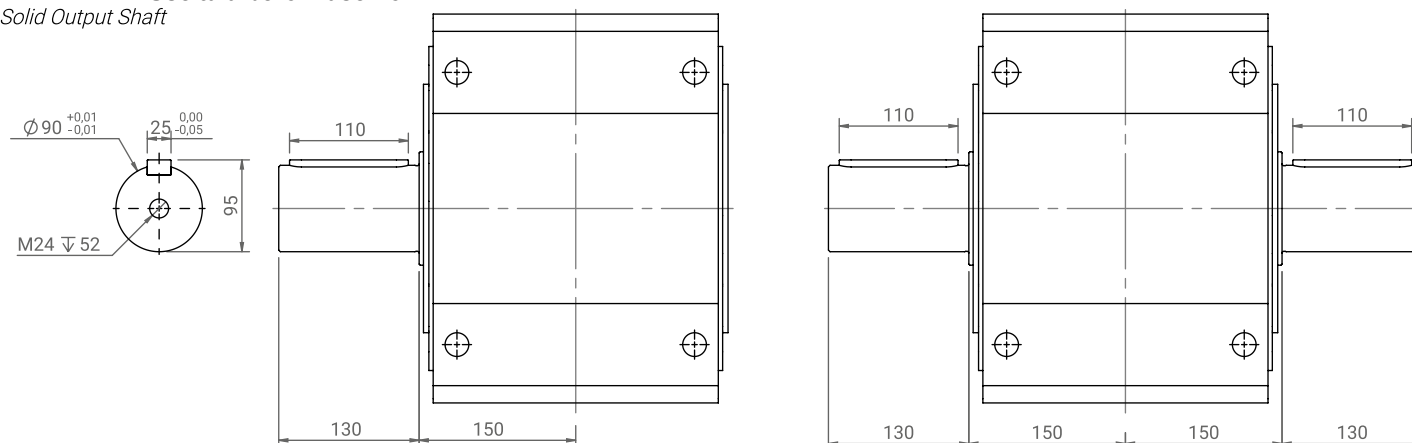
(L)

**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft

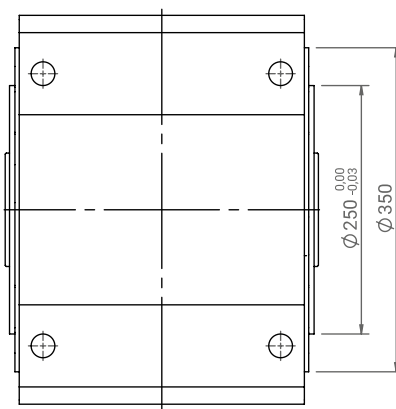
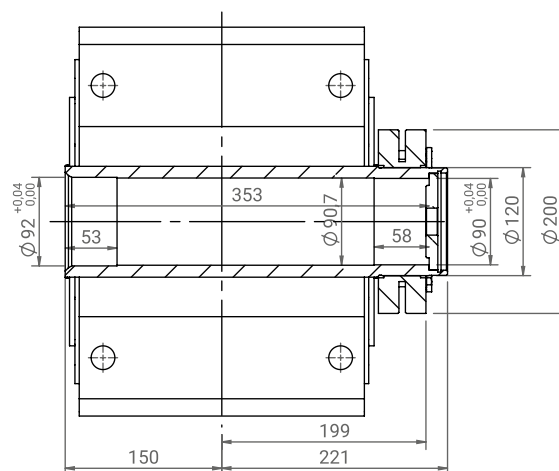




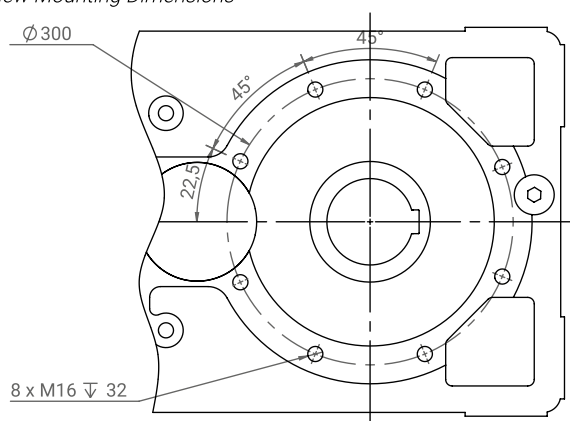
## Dimensioni / Dimension Sheets

### Output Shaft Configurations

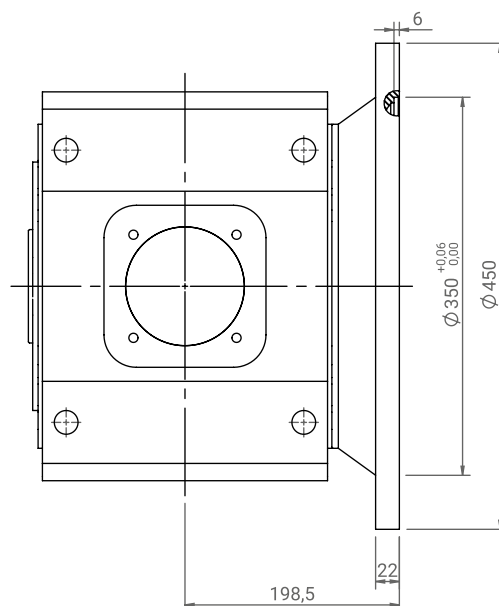
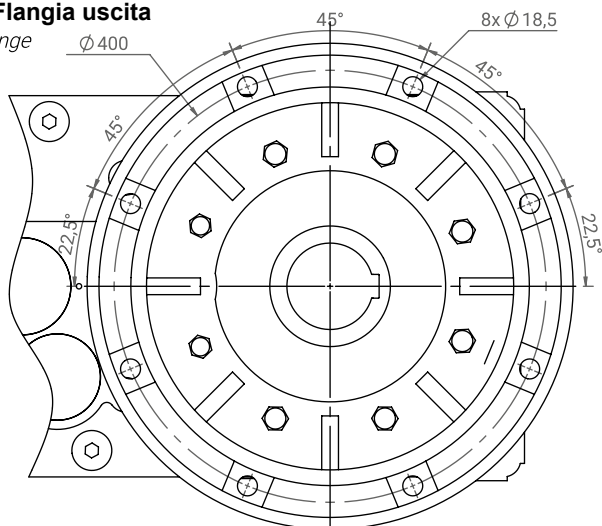
SR /SL



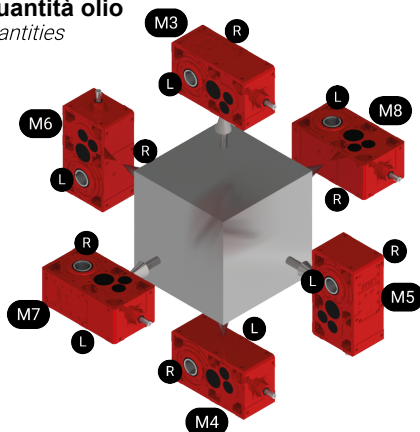
### Side View Mounting Dimensions



*Output Flange*



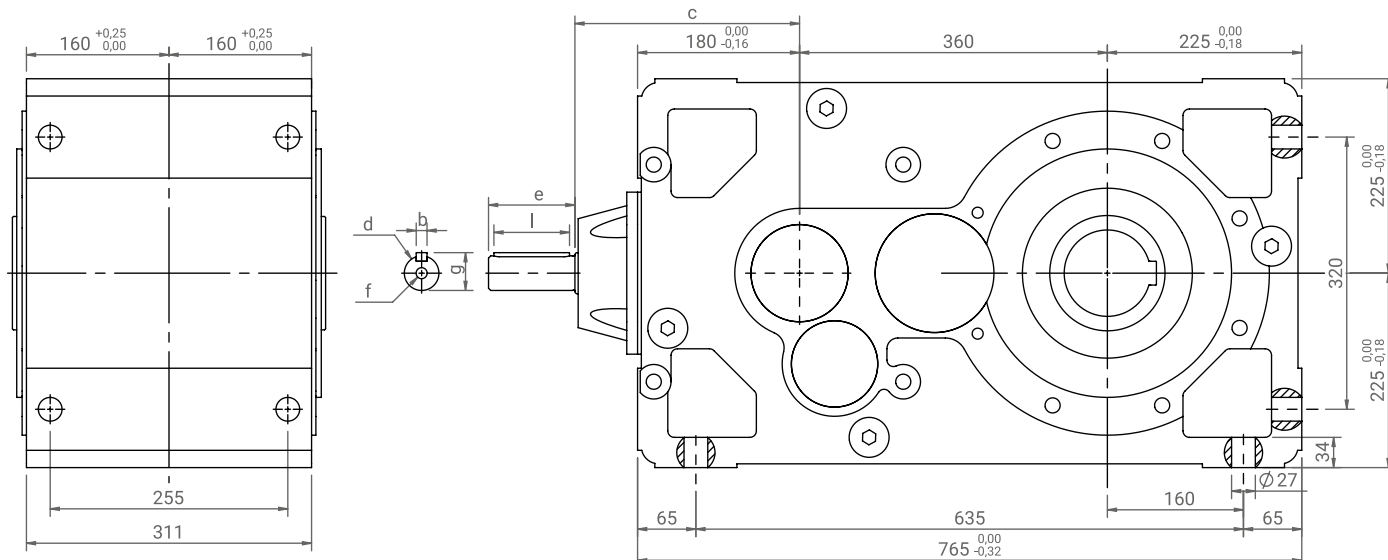
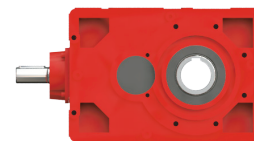
### Mounting Positions\* and Oil Quantities



230 Kg

| KH 3180 Quantità olio <i>OIL QUANTITIES</i> (L) |    |    |    |    |      |
|-------------------------------------------------|----|----|----|----|------|
| M3                                              | M4 | M5 | M6 | M7 | M8   |
| 12                                              | 12 | 17 | 15 | 17 | 18,5 |

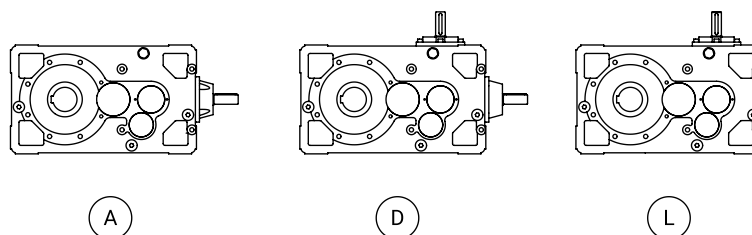
**\*Posizione montaggio mostrate con configurazione HS**  
MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



**Conf. albero ingresso**  
Input Shaft Configurations

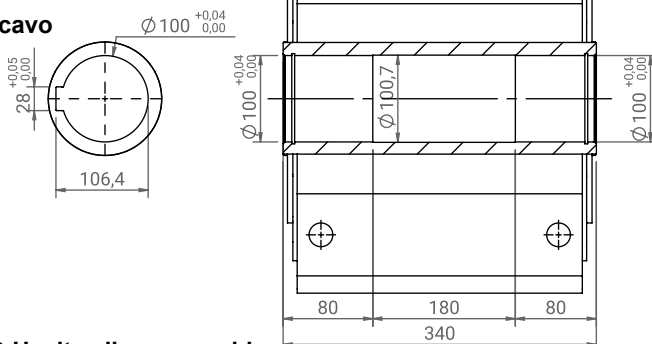


|         | b  | c   | d       | e  | g  | l  | f   |
|---------|----|-----|---------|----|----|----|-----|
| i>75    | 8  | 243 | 28 (j6) | 60 | 31 | 45 | M10 |
| 75>i>40 | 10 | 243 | 32 (k6) | 80 | 35 | 70 | M12 |
| i<40    | 10 | 243 | 38 (k6) | 80 | 41 | 70 | M12 |

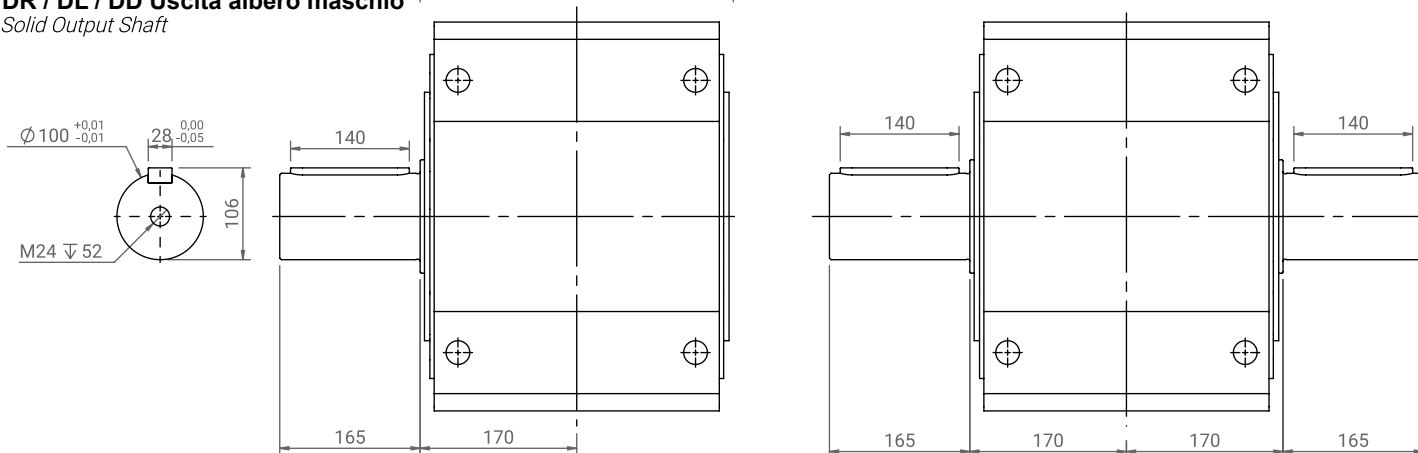


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft

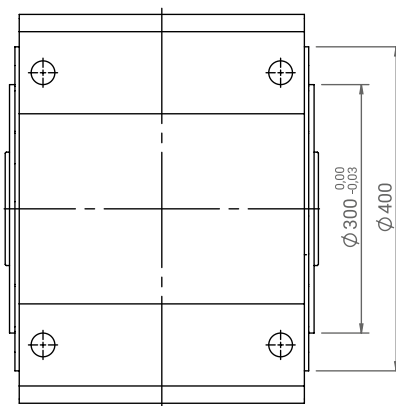




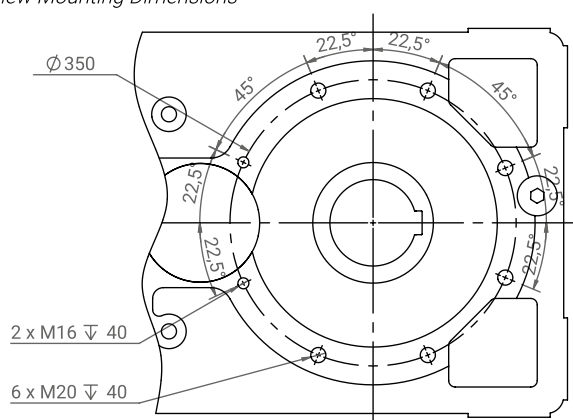
## Dimensioni / Dimension Sheets

### Output Shaft Configurations

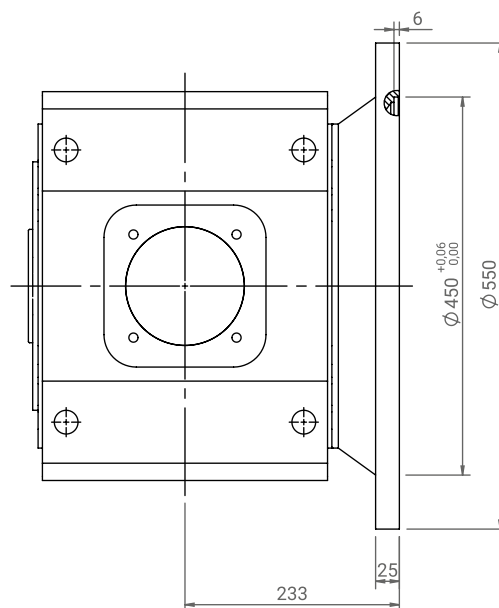
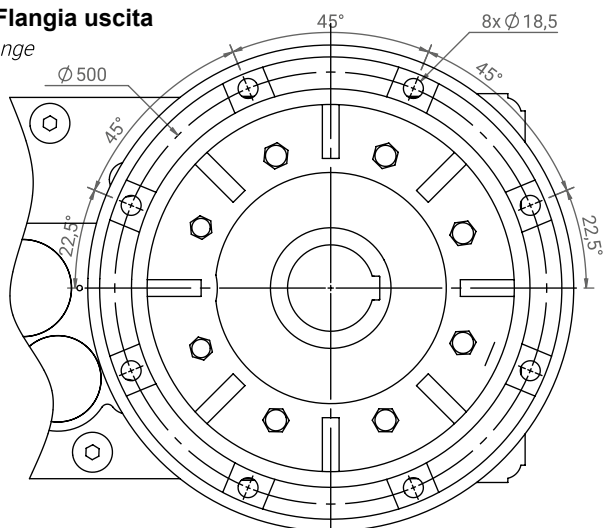
SR /SL



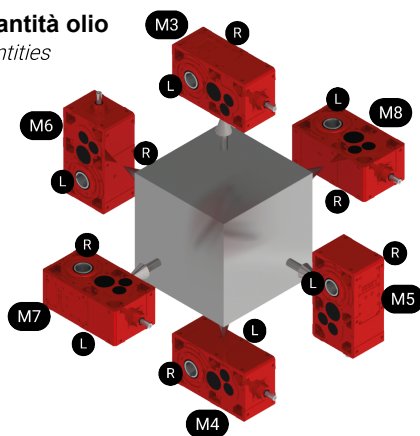
### Side View Mounting Dimensions



*Output Flange*



### Mounting Positions\* and Oil Quantities

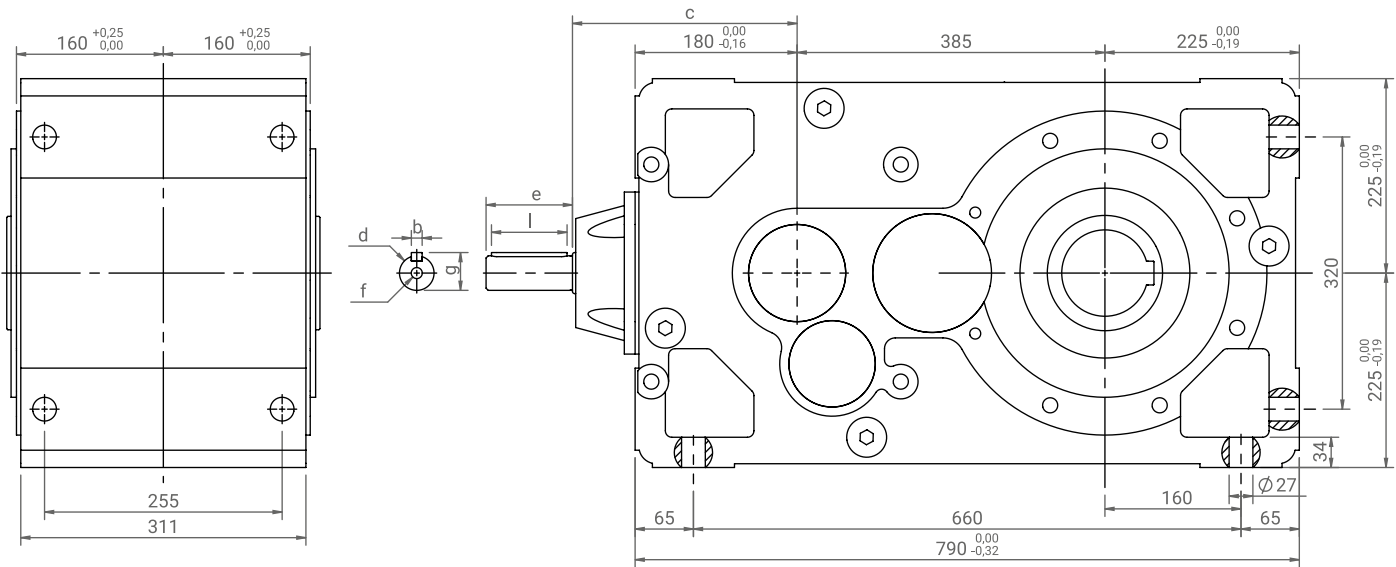
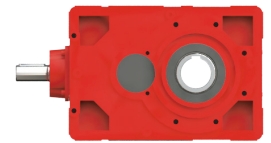


375 Kg

| KH 3200 Quantità olio OIL QUANTITIES (L) |    |    |    |    |    |
|------------------------------------------|----|----|----|----|----|
| M3                                       | M4 | M5 | M6 | M7 | M8 |
| 28                                       | 28 | 40 | 43 | 40 | 42 |

**\*Posizione montaggio mostrate con configurazione HS**

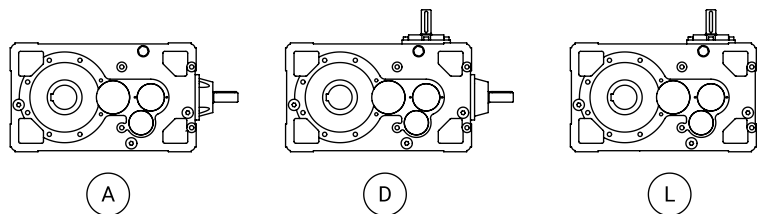
*\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION*



**Conf. albero ingresso**  
Input Shaft Configurations

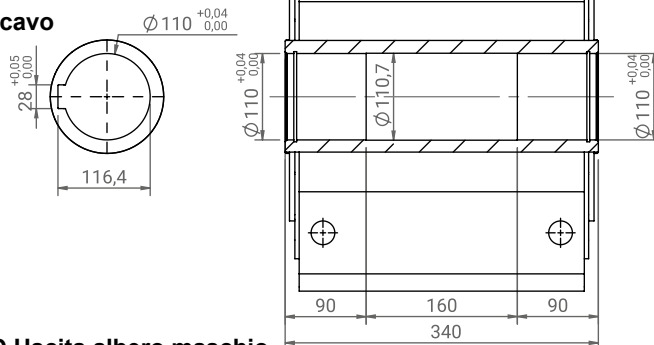


|         | b  | c   | d       | e  | g  | l  | f   |
|---------|----|-----|---------|----|----|----|-----|
| i>77    | 8  | 243 | 28 (j6) | 60 | 31 | 45 | M10 |
| 40<i<77 | 10 | 243 | 32 (j6) | 80 | 35 | 70 | M12 |
| i≤40    | 10 | 243 | 38 (k6) | 80 | 41 | 70 | M12 |

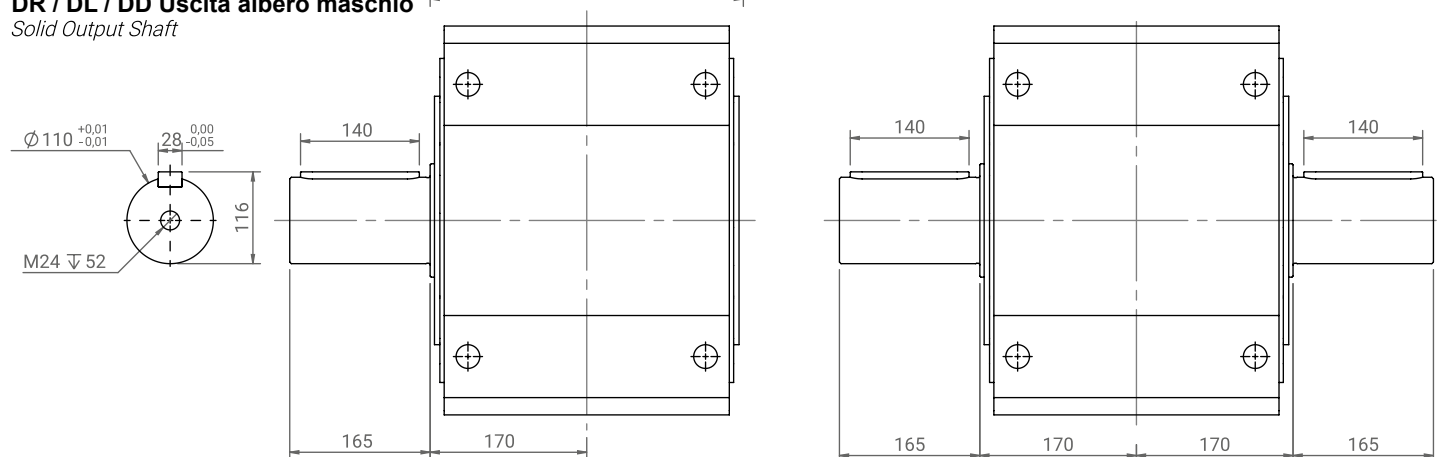


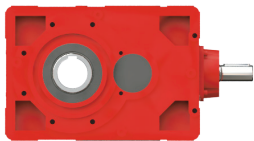
**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



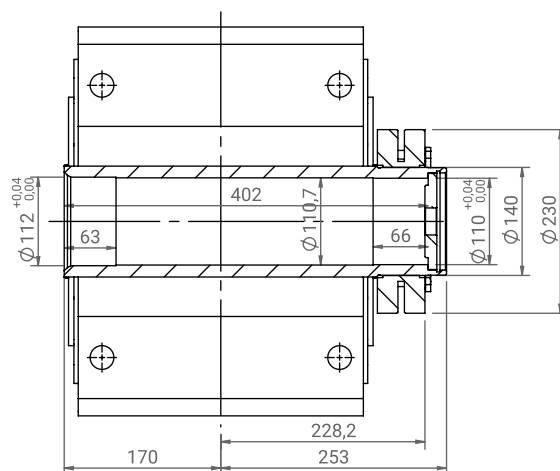
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



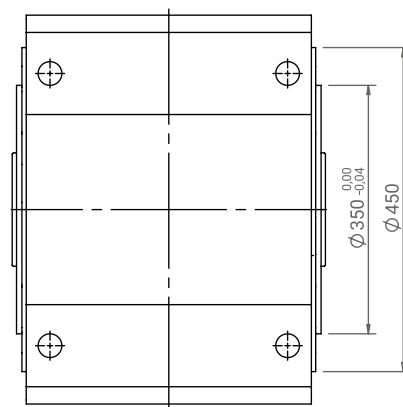
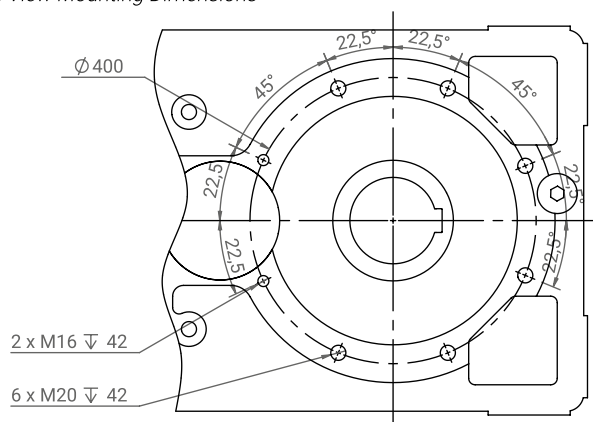


**Conf. Albero uscita**  
Output Shaft Configurations

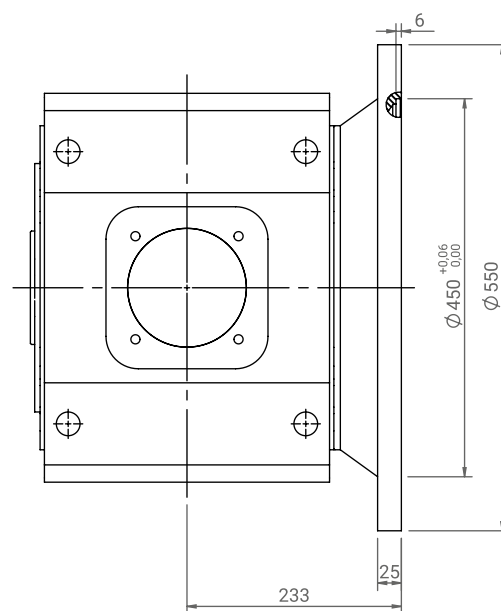
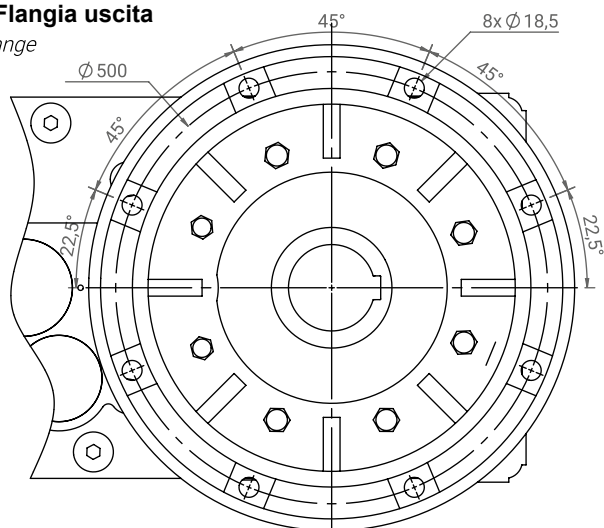
SR /SL



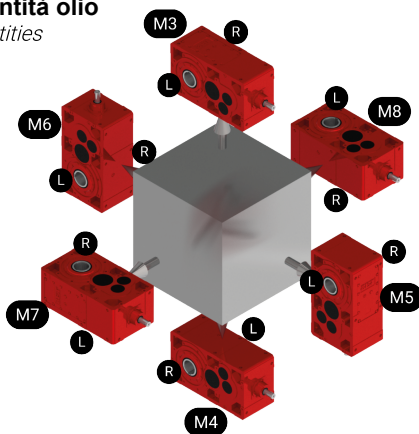
**Dimensioni montaggio laterale**  
Side View Mounting Dimensions



**FR 550 / Flangia uscita**  
Output Flange



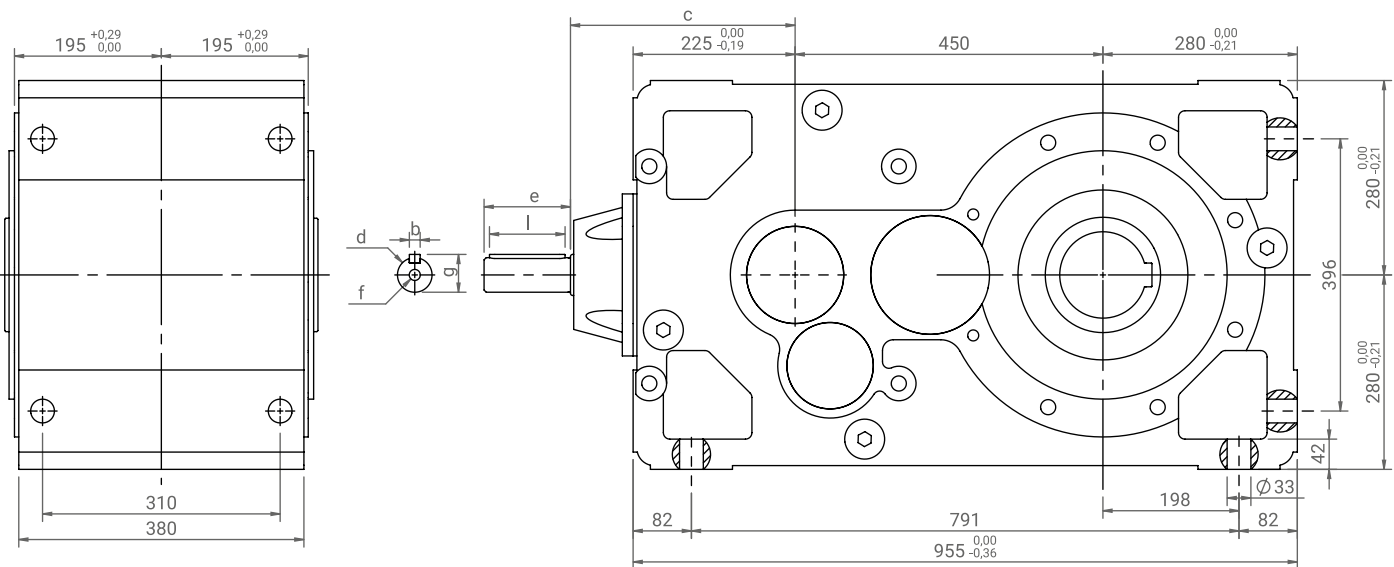
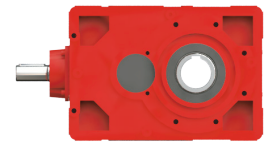
**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



| KH 3225 Quantità olio OIL QUANTITIES (L) |    |    |    |    |    |
|------------------------------------------|----|----|----|----|----|
| M3                                       | M4 | M5 | M6 | M7 | M8 |
| 28                                       | 28 | 41 | 43 | 40 | 42 |

\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION

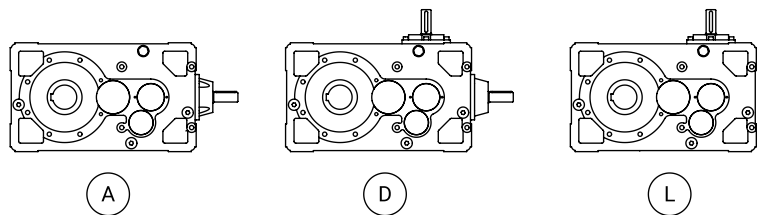




**Conf. albero ingresso**  
Input Shaft Configurations

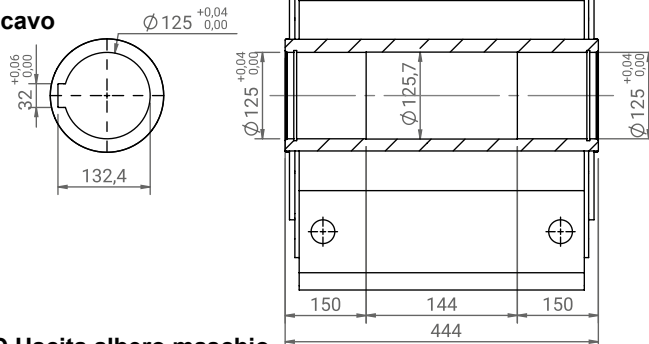


|         | b  | c   | d       | e   | g  | l  | f   |
|---------|----|-----|---------|-----|----|----|-----|
| i>80    | 10 | 290 | 32 (k6) | 80  | 35 | 70 | M12 |
| 80>i>52 | 12 | 297 | 42 (k6) | 110 | 45 | 90 | M16 |
| i<52    | 16 | 292 | 55 (m6) | 110 | 59 | 90 | M20 |

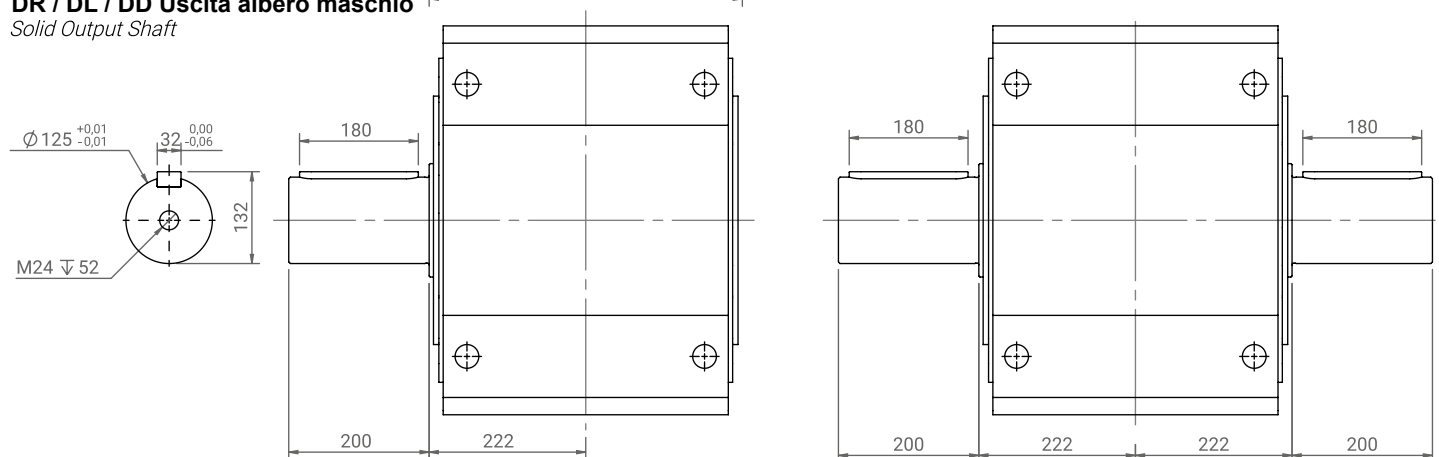


**Conf. Albero uscita**  
Output Shaft Configurations

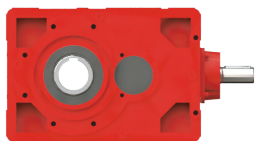
**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft

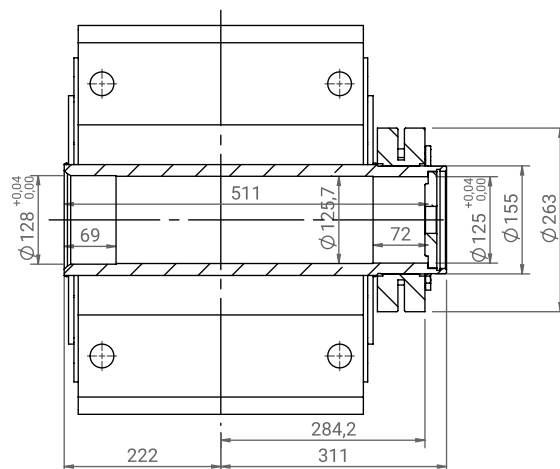




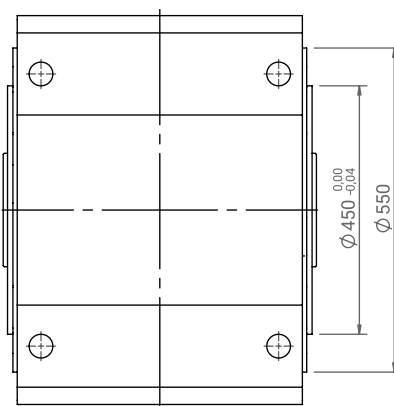
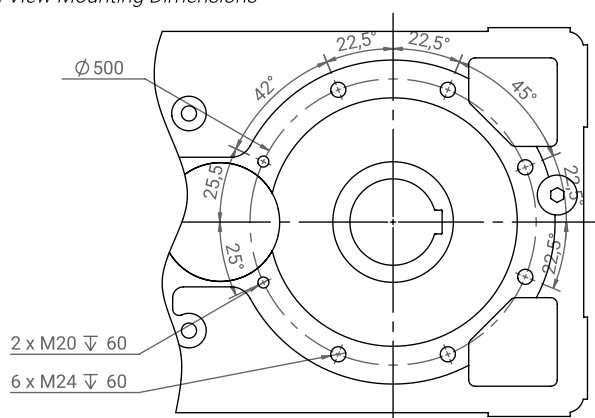


**Conf. Albero uscita**  
Output Shaft Configurations

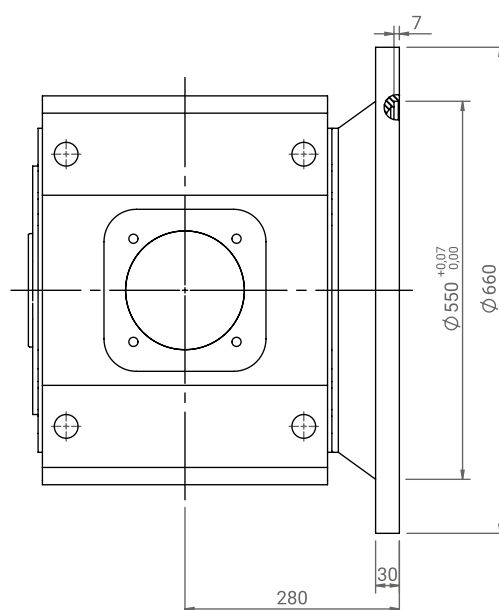
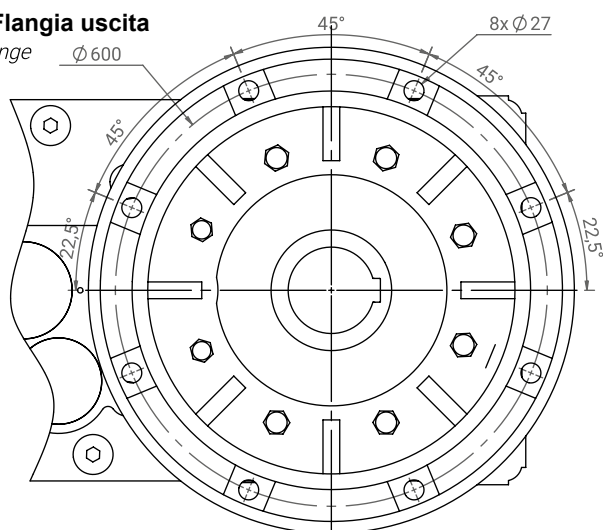
SR / SL



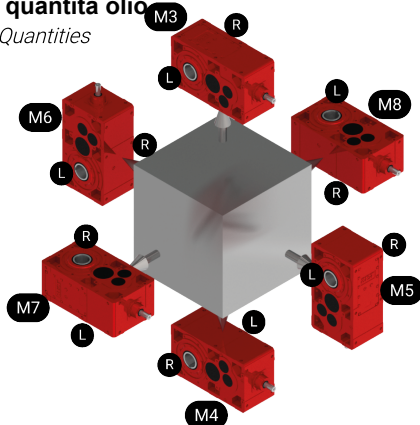
**Dimensioni montaggio laterale**  
Side View Mounting Dimensions



**FR 660 / Flangia uscita**  
Output Flange

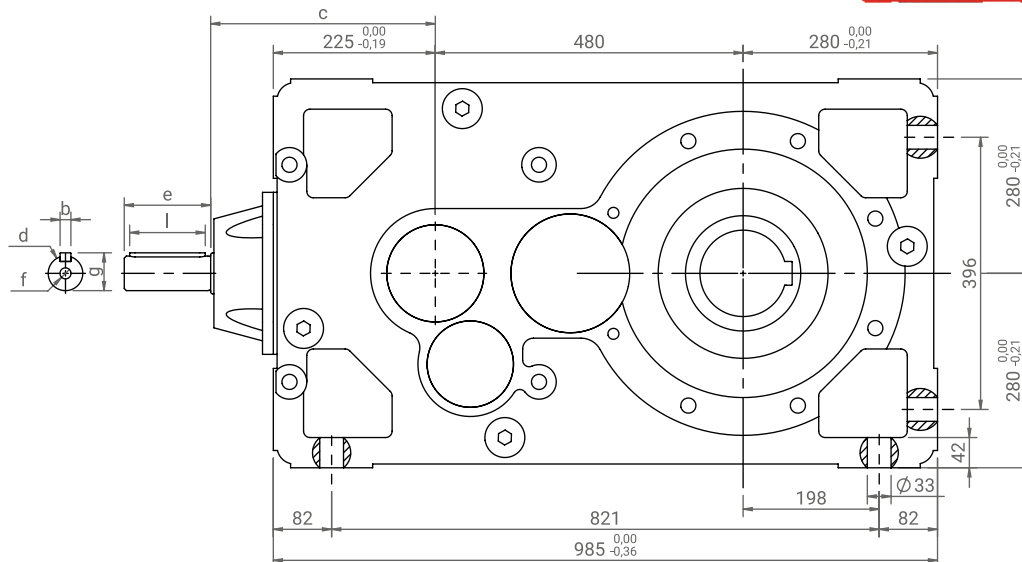
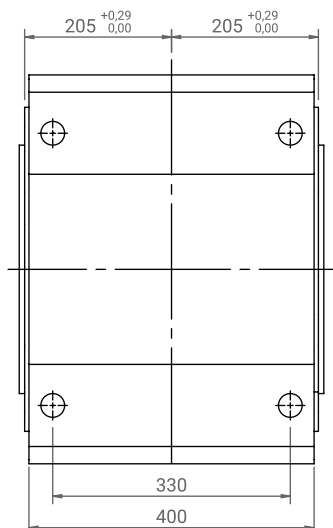
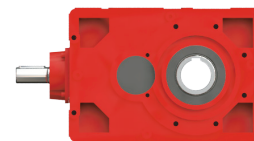


**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



| KH 3250 Quantità olio OIL QUANTITIES (L) |    |    |    |    |    |
|------------------------------------------|----|----|----|----|----|
| M3                                       | M4 | M5 | M6 | M7 | M8 |
| 54                                       | 54 | 78 | 85 | 79 | 81 |

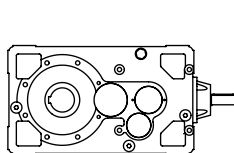
\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



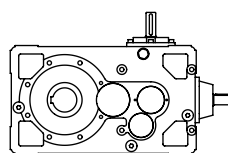
**Conf. albero ingresso**  
Input Shaft Configurations



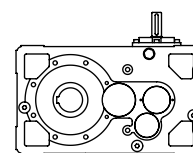
|         | b  | c   | d       | e   | g  | l  | f   |
|---------|----|-----|---------|-----|----|----|-----|
| i>80    | 10 | 290 | 32 (k6) | 80  | 35 | 70 | M12 |
| 80>i>52 | 12 | 297 | 42 (k6) | 110 | 45 | 90 | M16 |
| i<52    | 16 | 292 | 55 (m6) | 110 | 59 | 90 | M20 |



A



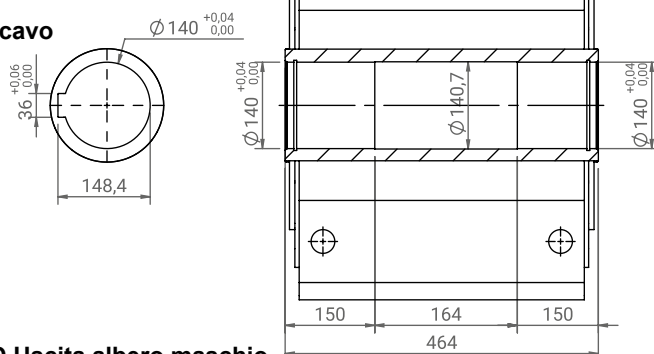
D



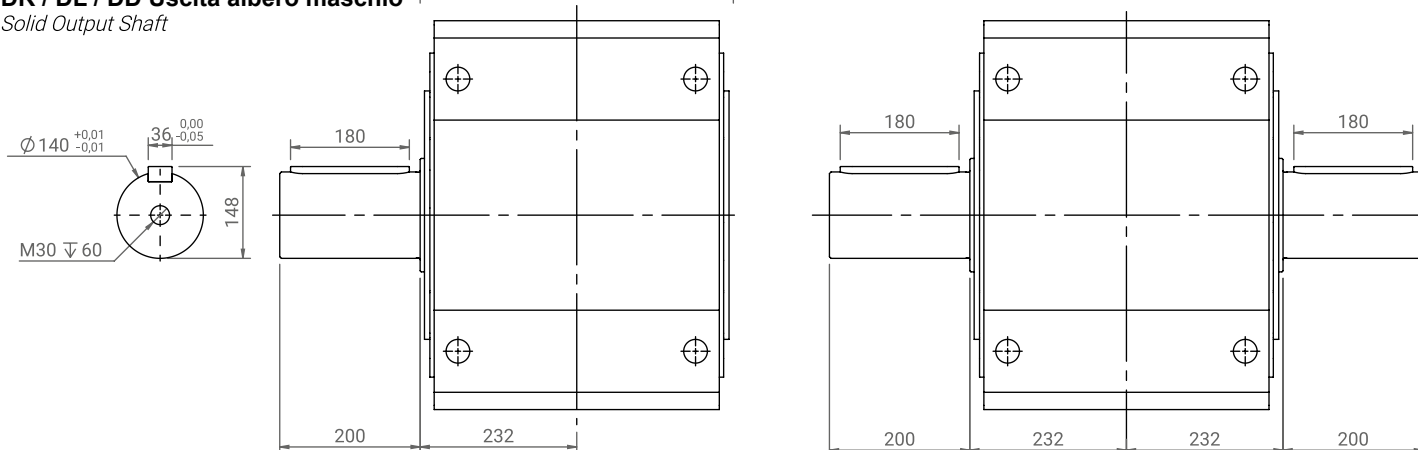
L

**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft





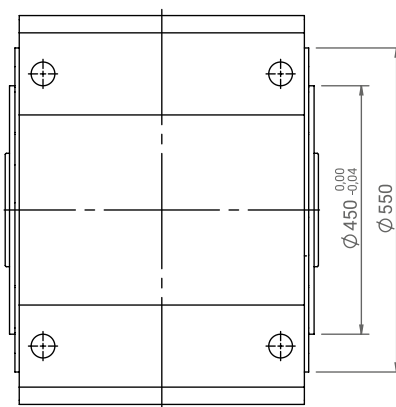
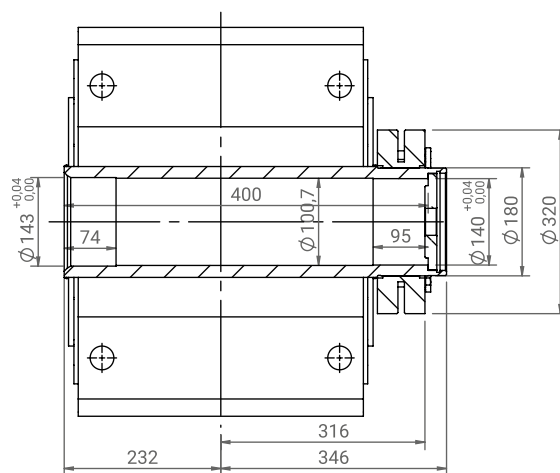
## KH 3280

### Dimensioni / Dimension Sheets

### Conf. Albero uscita

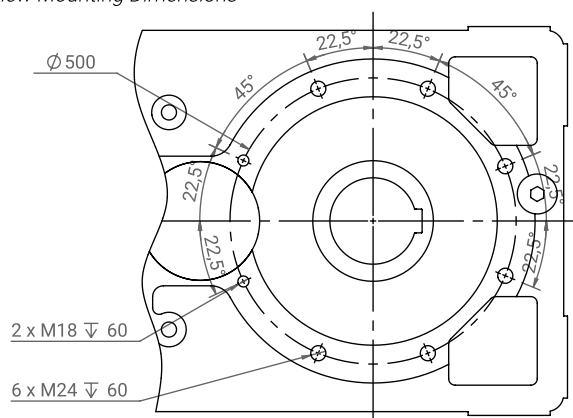
### Output Shaft Configurations

SR /SL



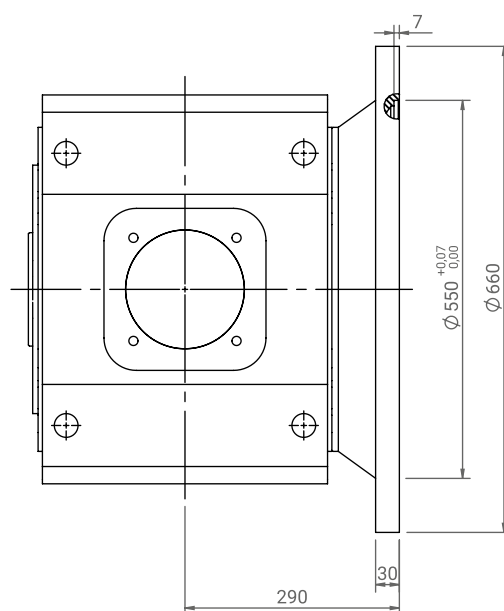
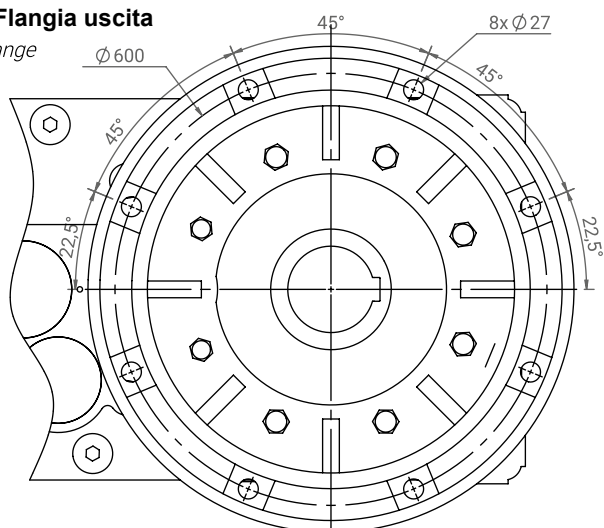
### Dimensioni montaggio laterale

### Side View Mounting Dimensions



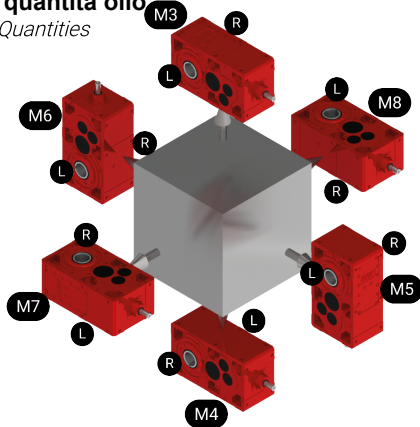
## FR 660 / Flangia uscita

*Output Flange*



### Posizioni montaggio e quantità olio

### Mounting Positions\* and Oil Quantities

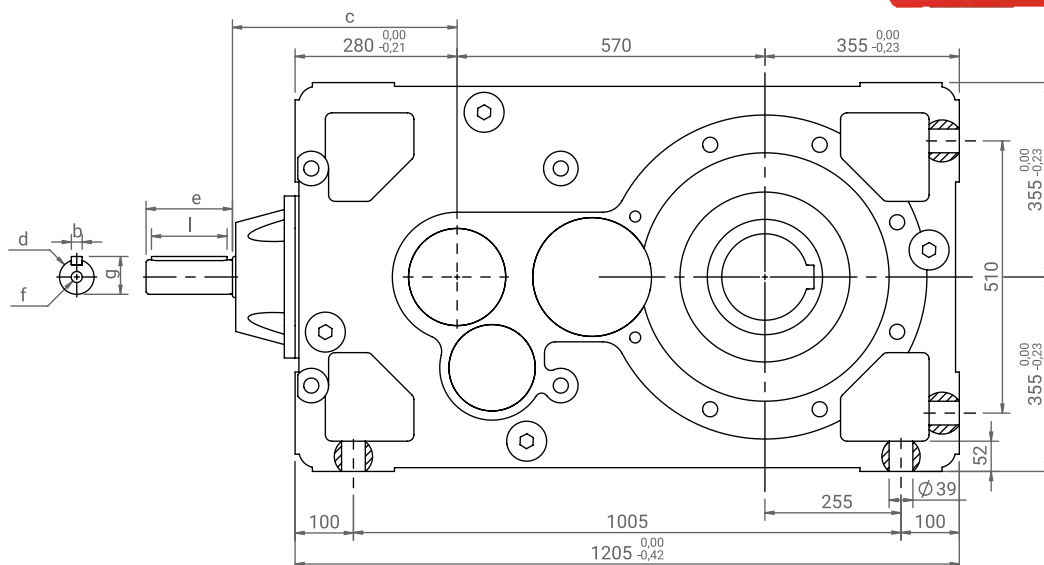
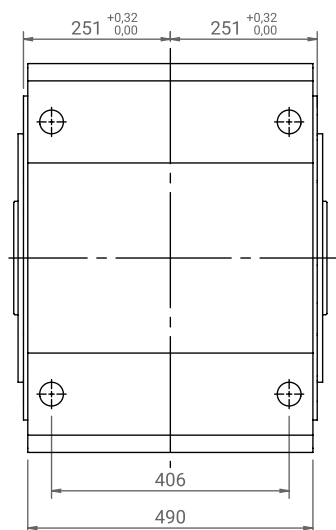
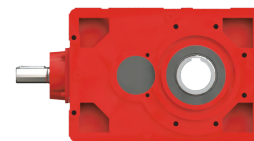


775 Kg

| KH 3280 Quantità olio <i>OIL QUANTITIES</i> (L) |    |    |    |    |    |
|-------------------------------------------------|----|----|----|----|----|
| M3                                              | M4 | M5 | M6 | M7 | M8 |
| 52                                              | 75 | 81 | 82 | 79 | 82 |

**\*Posizione montaggio mostrate con configurazione HS**

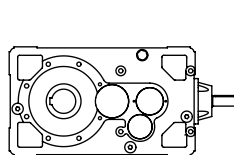
*\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION*



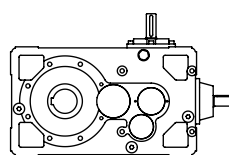
### Conf. albero ingresso



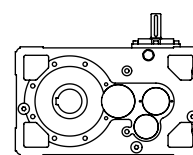
|         | b  | c   | d       | e   | g    | l   | f   |
|---------|----|-----|---------|-----|------|-----|-----|
| i>80    | 14 | 345 | 48 (k6) | 110 | 51,5 | 90  | M16 |
| 40<i<80 | 16 | 368 | 55 (m6) | 110 | 59   | 90  | M20 |
| i≤40    | 20 | 384 | 70 (m6) | 140 | 74,5 | 125 | M20 |



A



(D)

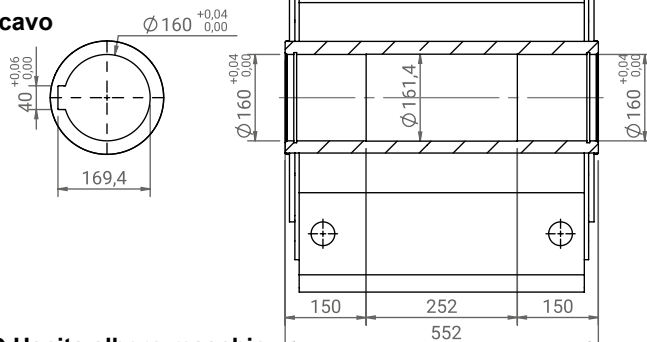


(L)

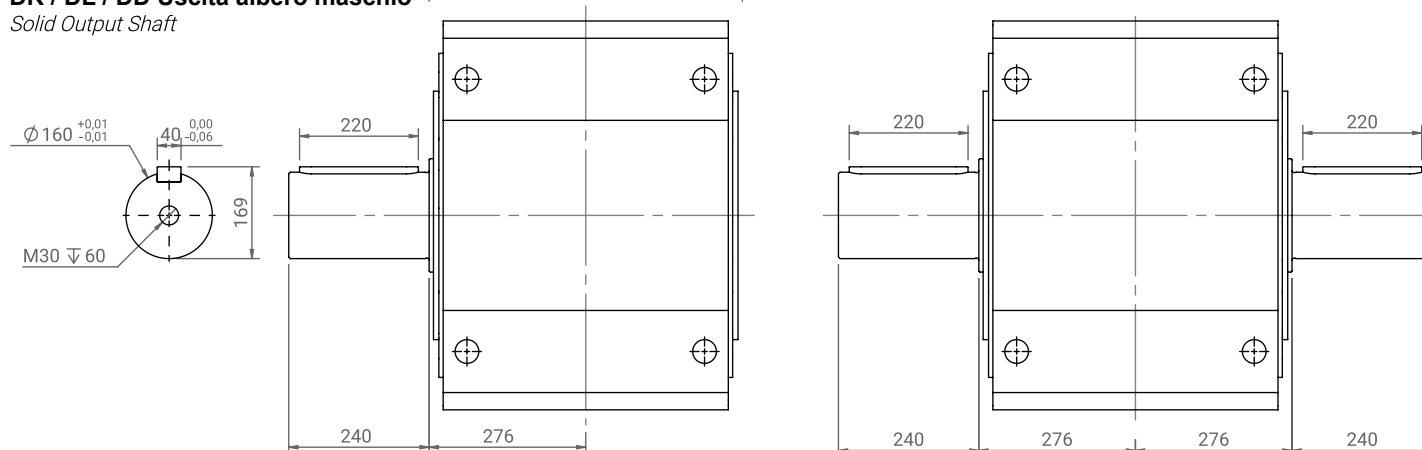
### Conf. Albergo uscita

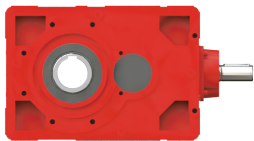
*Output Shaft Configurations*

**HS / Albero cavo**  
*Hollow Shaft*



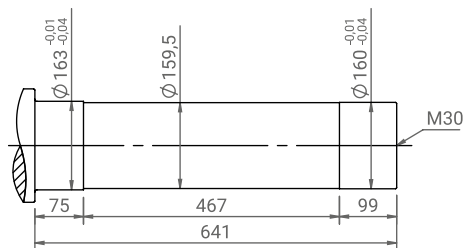
**DR / DL / DD Uscita albero maschio**  
*Solid Output Shaft*



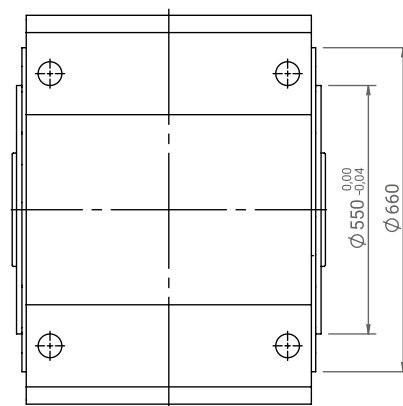
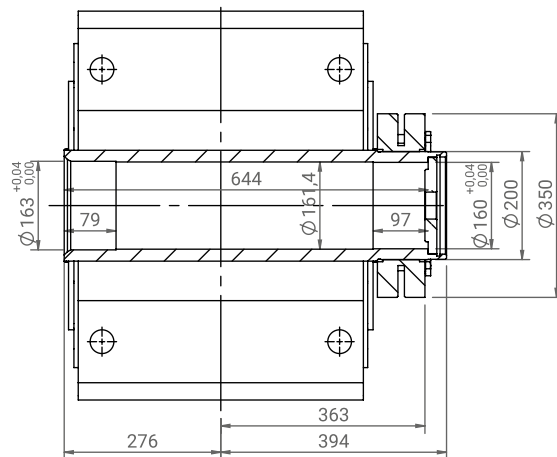


**Conf. Albero uscita**  
Output Shaft Configurations

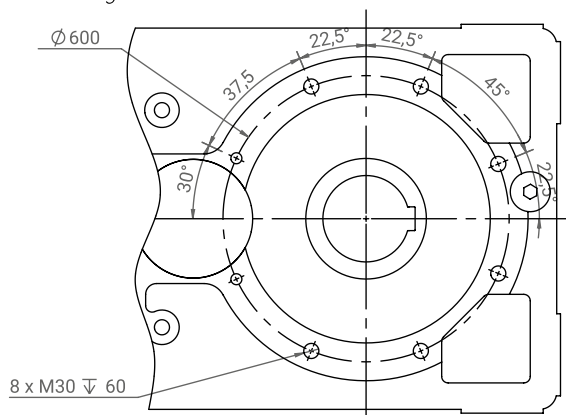
SR /SL



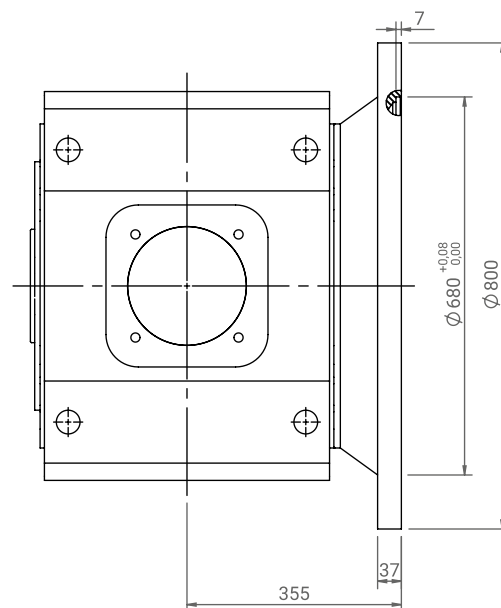
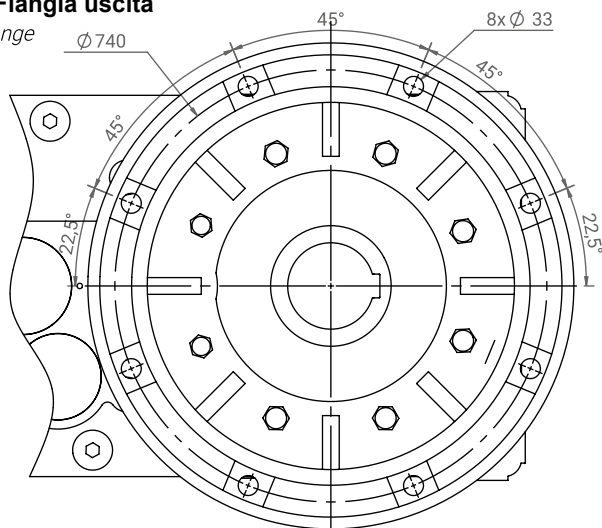
**Albero esterno** Customer Shaft



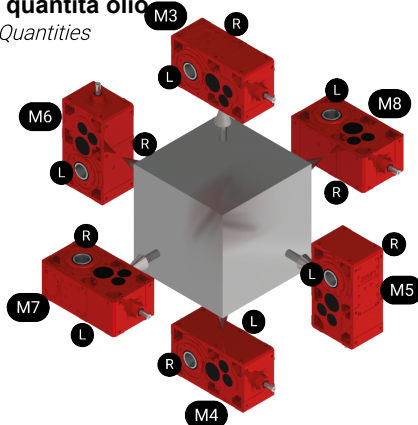
**Dimensioni montaggio laterale**  
Side View Mounting Dimensions



**FR 800 / Flangia uscita**  
Output Flange



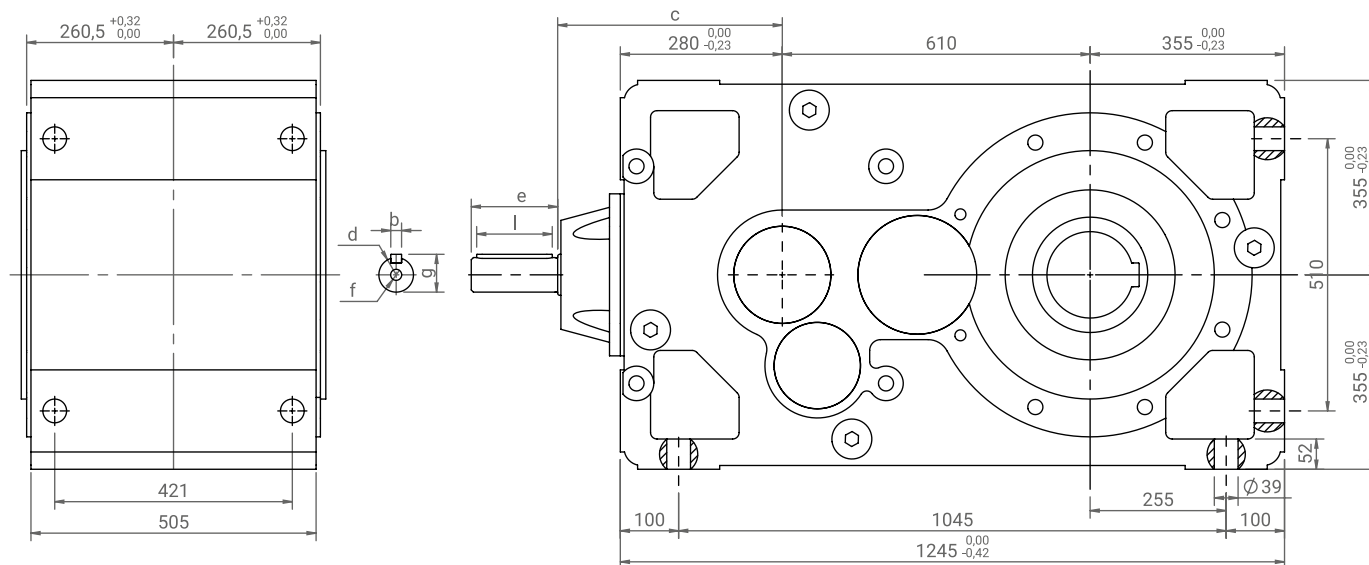
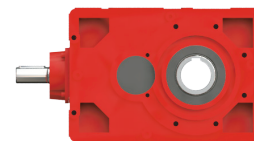
**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



1350 Kg

| KH 3320 Quantità olio OIL QUANTITIES (L) |     |     |     |     |     |
|------------------------------------------|-----|-----|-----|-----|-----|
| M3                                       | M4  | M5  | M6  | M7  | M8  |
| 117                                      | 117 | 160 | 182 | 165 | 170 |

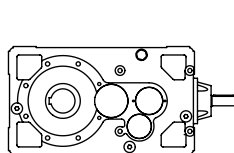
\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



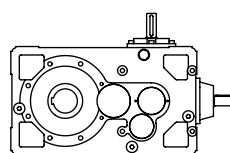
**Conf. albero ingresso**  
Input Shaft Configurations



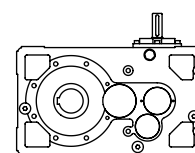
|         | b  | c   | d       | e   | g    | l   | f   |
|---------|----|-----|---------|-----|------|-----|-----|
| i>80    | 14 | 345 | 48 (k6) | 110 | 51,5 | 90  | M16 |
| 80>i>40 | 16 | 368 | 55 (m6) | 110 | 59   | 90  | M20 |
| i<40    | 20 | 384 | 70 (m6) | 140 | 74,5 | 125 | M20 |



A



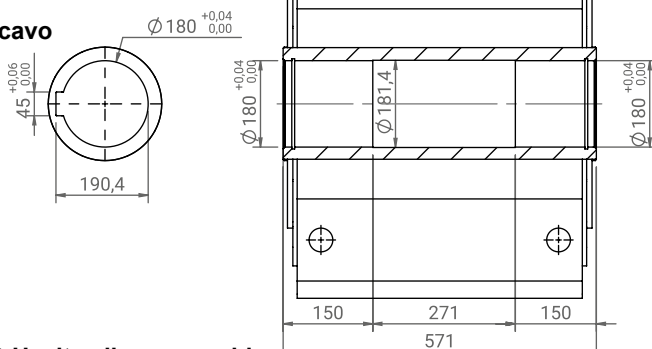
D



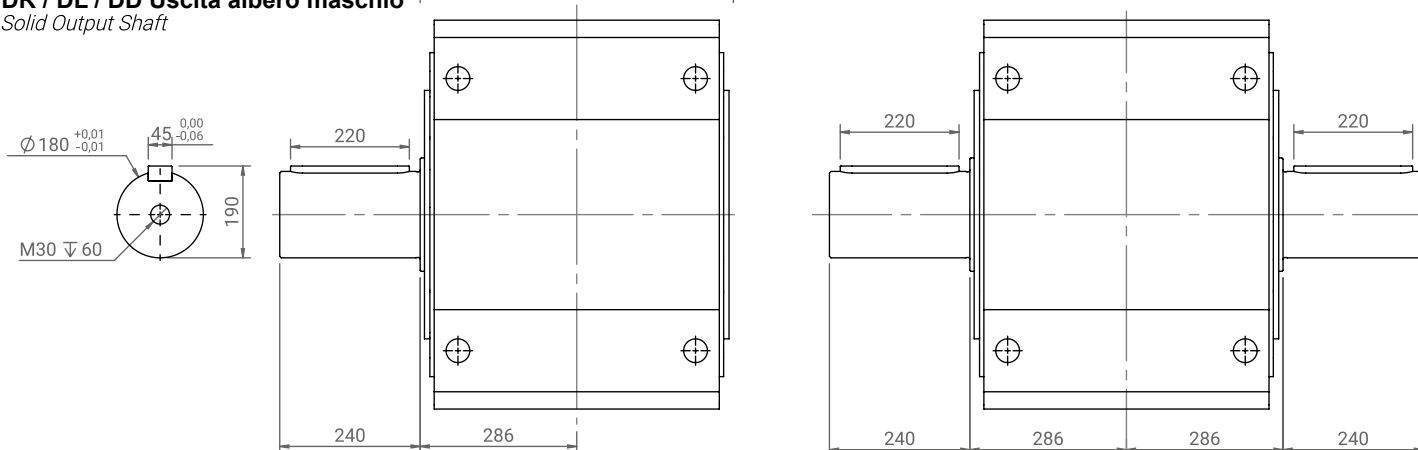
L

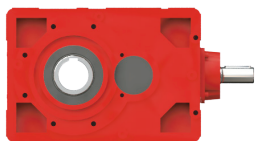
**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



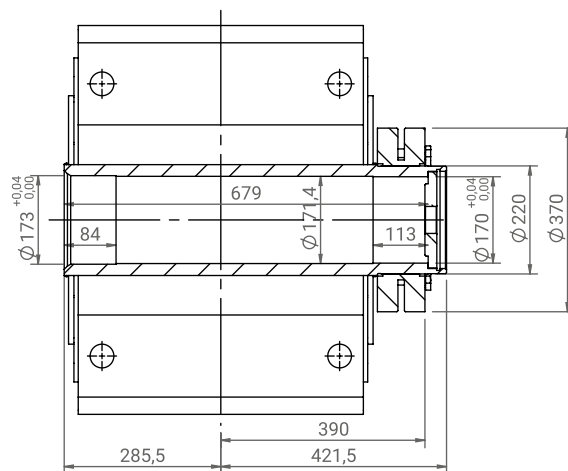
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



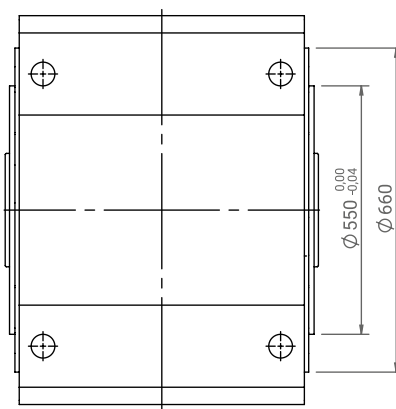
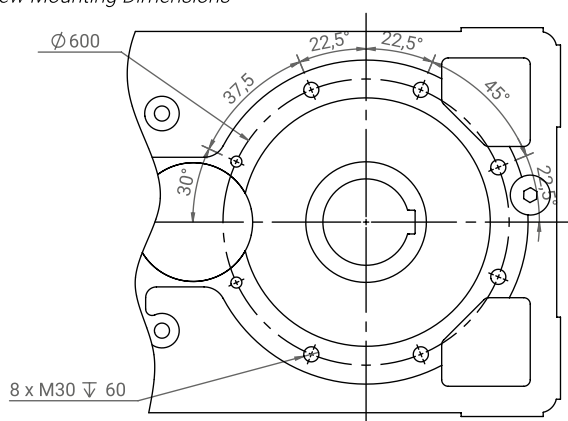


**Conf. Albero uscita**  
Output Shaft Configurations

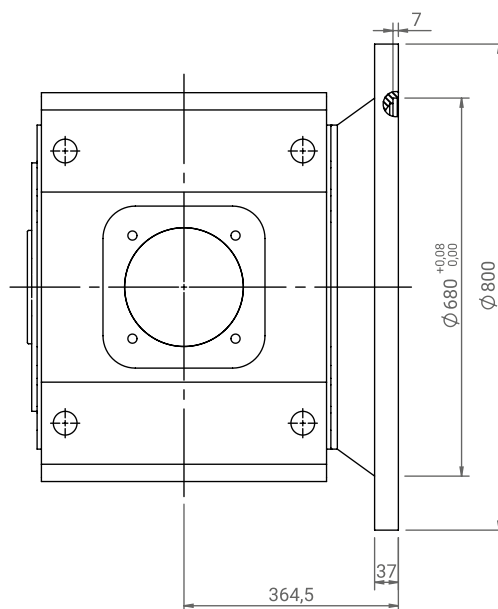
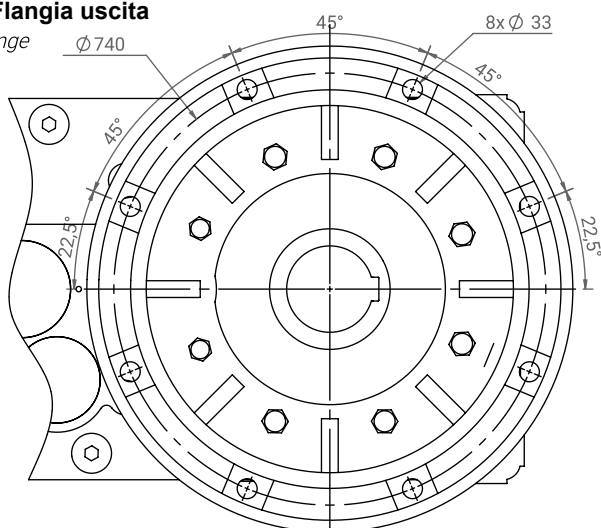
SR /SL



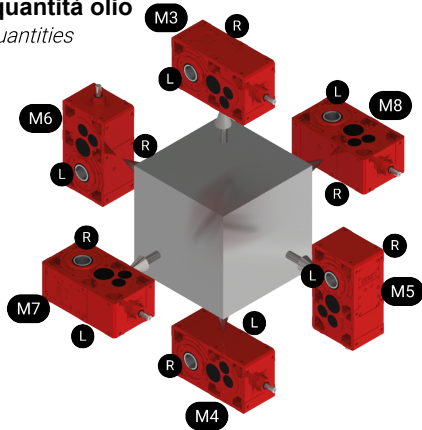
**Dimensioni montaggio laterale**  
Side View Mounting Dimensions



**FR 800 / Flangia uscita**  
Output Flange



**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



1550 Kg

| KH 3360 Quantità olio OIL QUANTITIES (L) |     |     |     |     |     |
|------------------------------------------|-----|-----|-----|-----|-----|
| M3                                       | M4  | M5  | M6  | M7  | M8  |
| 112                                      | 112 | 169 | 172 | 151 | 165 |

\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION





| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 2,2                                           | 7,60                                          | 2601                                    | 2,47                                     | MHE 3160 | 132           | 112 M6  | 202-203              |
|                                               | 7,52                                          | 2630                                    | 1,46                                     | MHE 3140 | 133           | 112 M6  | 200-201              |
|                                               | 9,20                                          | 2150                                    | 2,03                                     |          | 109           | 112 M6  |                      |
|                                               | 10,1                                          | 1954                                    | 2,24                                     |          | 98,8          | 112 M6  |                      |
|                                               | 11,3                                          | 1753                                    | 2,11                                     |          | 133           | 100 LA4 |                      |
|                                               | 13,8                                          | 1433                                    | 2,93                                     |          | 109           | 100 LA4 |                      |
|                                               | 15,2                                          | 1303                                    | 3,22                                     |          | 98,8          | 100 LA4 |                      |
| 3                                             | 7,60                                          | 3547                                    | 1,81                                     | MHE 3160 | 132           | 132 S6  | 202-203              |
|                                               | 8,69                                          | 3104                                    | 2,00                                     |          | 115           | 132 S6  |                      |
|                                               | 9,31                                          | 2897                                    | 2,42                                     |          | 107           | 132 S6  |                      |
|                                               | 9,94                                          | 2714                                    | 2,27                                     |          | 101           | 132 S6  |                      |
|                                               | 11,2                                          | 2400                                    | 2,53                                     |          | 89,0          | 132 S6  |                      |
|                                               | 11,4                                          | 2365                                    | 2,61                                     |          | 132           | 100 LB4 |                      |
|                                               | 13,0                                          | 2069                                    | 2,88                                     |          | 115           | 100 LB4 |                      |
|                                               | 7,52                                          | 3586                                    | 1,07                                     | MHE 3140 | 133           | 132 S6  | 200-201              |
|                                               | 9,20                                          | 2932                                    | 1,49                                     |          | 109           | 132 S6  |                      |
|                                               | 10,1                                          | 2664                                    | 1,64                                     |          | 98,8          | 132 S6  |                      |
|                                               | 11,3                                          | 2391                                    | 1,55                                     |          | 133           | 100 LB4 |                      |
|                                               | 11,6                                          | 2328                                    | 1,96                                     |          | 86,3          | 132 S6  |                      |
|                                               | 12,7                                          | 2116                                    | 2,12                                     |          | 78,5          | 132 S6  |                      |
|                                               | 13,8                                          | 1954                                    | 2,15                                     |          | 109           | 100 LB4 |                      |
|                                               | 14,4                                          | 1878                                    | 2,28                                     |          | 69,7          | 132 S6  |                      |
|                                               | 15,1                                          | 1785                                    | 2,48                                     |          | 66,2          | 132 S6  |                      |
|                                               | 15,2                                          | 1776                                    | 2,36                                     |          | 98,8          | 100 LB4 |                      |
|                                               | 15,6                                          | 1725                                    | 2,56                                     |          | 64,0          | 132 S6  |                      |
|                                               | 17,4                                          | 1552                                    | 2,82                                     |          | 86,3          | 100 LB4 |                      |
|                                               | 19,1                                          | 1410                                    | 3,06                                     |          | 78,5          | 100 LB4 |                      |
|                                               | 21,5                                          | 1252                                    | 3,29                                     |          | 69,7          | 100 LB4 |                      |
| 4                                             | 7,72                                          | 4656                                    | 2,07                                     | MHE 3180 | 130           | 132 MA6 | 204-205              |
|                                               | 8,83                                          | 4072                                    | 2,32                                     |          | 113           | 132 MA6 |                      |
|                                               | 9,29                                          | 3869                                    | 2,38                                     |          | 108           | 132 MA6 |                      |
|                                               | 10,1                                          | 3563                                    | 2,61                                     |          | 99,1          | 132 MA6 |                      |
|                                               | 10,6                                          | 3386                                    | 2,72                                     |          | 94,2          | 132 MA6 |                      |
|                                               | 11,6                                          | 3104                                    | 2,99                                     |          | 130           | 112 M4  |                      |
|                                               | 13,2                                          | 2715                                    | 3,35                                     |          | 113           | 112 M4  |                      |
|                                               | 7,60                                          | 4729                                    | 1,36                                     | MHE 3160 | 132           | 132 MA6 | 202-203              |
|                                               | 8,69                                          | 4138                                    | 1,50                                     |          | 115           | 132 MA6 |                      |
|                                               | 9,31                                          | 3862                                    | 1,82                                     |          | 107           | 132 MA6 |                      |
|                                               | 9,94                                          | 3619                                    | 1,70                                     |          | 101           | 132 MA6 |                      |
|                                               | 10,6                                          | 3380                                    | 2,03                                     |          | 94,0          | 132 MA6 |                      |
|                                               | 11,2                                          | 3200                                    | 1,90                                     |          | 89,0          | 132 MA6 |                      |
|                                               | 11,4                                          | 3153                                    | 1,96                                     |          | 132           | 112 M4  |                      |
|                                               | 12,2                                          | 2955                                    | 2,23                                     |          | 82,2          | 132 MA6 |                      |
|                                               | 12,8                                          | 2800                                    | 2,15                                     |          | 77,9          | 132 MA6 |                      |
|                                               | 13,0                                          | 2759                                    | 2,16                                     |          | 115           | 112 M4  |                      |
|                                               | 13,4                                          | 2688                                    | 2,26                                     |          | 74,8          | 132 MA6 |                      |
|                                               | 13,7                                          | 2623                                    | 2,30                                     |          | 73,0          | 132 MA6 |                      |
|                                               | 14,0                                          | 2575                                    | 2,62                                     |          | 107           | 112 M4  |                      |
|                                               | 14,3                                          | 2510                                    | 2,63                                     |          | 69,8          | 132 MA6 |                      |
|                                               | 14,9                                          | 2412                                    | 2,45                                     |          | 101           | 112 M4  |                      |
|                                               | 15,7                                          | 2293                                    | 2,63                                     |          | 63,8          | 132 MA6 |                      |
|                                               | 16,0                                          | 2253                                    | 2,93                                     |          | 94,0          | 112 M4  |                      |
|                                               | 16,9                                          | 2133                                    | 2,74                                     |          | 89,0          | 112 M4  |                      |
|                                               | 18,2                                          | 1970                                    | 3,22                                     |          | 82,2          | 112 M4  |                      |
|                                               | 19,3                                          | 1867                                    | 3,11                                     |          | 77,9          | 112 M4  |                      |

| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|----------|---------|----------------------|
| 4                                             | 9,20                                          | 3909                                    | 1,12                                     | MHE 3140 | 109      | 132 MA6 | 200-201              |
|                                               | 10,1                                          | 3553                                    | 1,23                                     |          | 98,8     | 132 MA6 |                      |
|                                               | 11,3                                          | 3188                                    | 1,16                                     |          | 133      | 112 M4  |                      |
|                                               | 11,6                                          | 3104                                    | 1,47                                     |          | 86,3     | 132 MA6 |                      |
|                                               | 12,7                                          | 2821                                    | 1,59                                     |          | 78,5     | 132 MA6 |                      |
|                                               | 13,8                                          | 2606                                    | 1,61                                     |          | 109      | 112 M4  |                      |
|                                               | 14,4                                          | 2504                                    | 1,71                                     |          | 69,7     | 132 MA6 |                      |
|                                               | 15,1                                          | 2380                                    | 1,86                                     |          | 66,2     | 132 MA6 |                      |
|                                               | 15,2                                          | 2368                                    | 1,77                                     |          | 98,8     | 112 M4  |                      |
|                                               | 15,6                                          | 2300                                    | 1,92                                     |          | 64,0     | 132 MA6 |                      |
|                                               | 17,4                                          | 2069                                    | 2,12                                     |          | 86,3     | 112 M4  |                      |
|                                               | 18,7                                          | 1920                                    | 2,30                                     |          | 53,4     | 132 MA6 |                      |
|                                               | 19,1                                          | 1881                                    | 2,30                                     |          | 78,5     | 112 M4  |                      |
|                                               | 19,7                                          | 1826                                    | 2,42                                     |          | 50,8     | 132 MA6 |                      |
|                                               | 20,0                                          | 1796                                    | 2,17                                     |          | 50,0     | 132 MA6 |                      |
|                                               | 20,7                                          | 1736                                    | 2,10                                     |          | 48,3     | 132 MA6 |                      |
|                                               | 21,5                                          | 1669                                    | 2,47                                     |          | 69,7     | 112 M4  |                      |
|                                               | 22,7                                          | 1587                                    | 2,68                                     |          | 66,2     | 112 M4  |                      |
|                                               | 23,4                                          | 1534                                    | 2,77                                     |          | 64,0     | 112 M4  |                      |
|                                               | 24,8                                          | 1449                                    | 2,51                                     |          | 40,3     | 132 MA6 |                      |
|                                               | 28,1                                          | 1280                                    | 3,32                                     |          | 53,4     | 112 M4  |                      |
|                                               | 29,5                                          | 1218                                    | 3,49                                     |          | 50,8     | 112 M4  |                      |
|                                               | 30,0                                          | 1197                                    | 3,13                                     |          | 50,0     | 112 M4  |                      |
|                                               | 31,1                                          | 1157                                    | 3,02                                     |          | 48,3     | 112 M4  |                      |
| 5,5                                           | 7,89                                          | 6262                                    | 2,66                                     | MHE 3225 | 127      | 132 MB6 | 208-209              |
|                                               | 8,02                                          | 6166                                    | 1,97                                     | MHE 3200 | 125      | 132 MB6 | 206-207              |
|                                               | 8,43                                          | 5863                                    | 2,05                                     |          | 119      | 132 MB6 |                      |
|                                               | 9,55                                          | 5176                                    | 2,55                                     |          | 105      | 132 MB6 |                      |
|                                               | 12,0                                          | 4110                                    | 2,83                                     |          | 125      | 132 S4  |                      |
|                                               | 12,6                                          | 3908                                    | 2,96                                     |          | 119      | 132 S4  |                      |
|                                               | 7,72                                          | 6402                                    | 1,51                                     | MHE 3180 | 130      | 132 MB6 | 204-205              |
|                                               | 8,83                                          | 5599                                    | 1,69                                     |          | 113      | 132 MB6 |                      |
|                                               | 9,29                                          | 5320                                    | 1,73                                     |          | 108      | 132 MB6 |                      |
|                                               | 10,1                                          | 4899                                    | 1,90                                     |          | 99,1     | 132 MB6 |                      |
|                                               | 10,6                                          | 4655                                    | 1,97                                     |          | 94,2     | 132 MB6 |                      |
|                                               | 11,4                                          | 4333                                    | 2,10                                     |          | 87,6     | 132 MB6 |                      |
|                                               | 11,6                                          | 4268                                    | 2,17                                     |          | 130      | 132 S4  |                      |
|                                               | 12,1                                          | 4071                                    | 2,43                                     |          | 82,4     | 132 MB6 |                      |
|                                               | 13,0                                          | 3791                                    | 2,39                                     |          | 76,7     | 132 MB6 |                      |
|                                               | 13,2                                          | 3733                                    | 2,44                                     |          | 113      | 132 S4  |                      |
|                                               | 13,6                                          | 3639                                    | 2,49                                     |          | 73,6     | 132 MB6 |                      |
|                                               | 13,9                                          | 3547                                    | 2,50                                     |          | 108      | 132 S4  |                      |
|                                               | 14,3                                          | 3459                                    | 2,67                                     |          | 70,0     | 132 MB6 |                      |
|                                               | 15,1                                          | 3266                                    | 2,74                                     |          | 99,1     | 132 S4  |                      |
|                                               | 15,9                                          | 3104                                    | 2,85                                     |          | 94,2     | 132 S4  |                      |
|                                               | 17,1                                          | 2888                                    | 3,03                                     |          | 87,6     | 132 S4  |                      |
|                                               | 7,60                                          | 6503                                    | 0,99                                     | MHE 3160 | 132      | 132 MB6 | 202-203              |
|                                               | 8,69                                          | 5690                                    | 1,09                                     |          | 115      | 132 MB6 |                      |
|                                               | 9,31                                          | 5310                                    | 1,32                                     |          | 107      | 132 MB6 |                      |
|                                               | 9,94                                          | 4976                                    | 1,24                                     |          | 101      | 132 MB6 |                      |
|                                               | 10,6                                          | 4647                                    | 1,48                                     |          | 94,0     | 132 MB6 |                      |
|                                               | 11,2                                          | 4400                                    | 1,38                                     |          | 89,0     | 132 MB6 |                      |
|                                               | 11,4                                          | 4335                                    | 1,42                                     |          | 132      | 132 S4  |                      |
|                                               | 12,2                                          | 4064                                    | 1,63                                     |          | 82,2     | 132 MB6 |                      |
|                                               | 12,8                                          | 3851                                    | 1,57                                     |          | 77,9     | 132 MB6 |                      |





| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 5,5                                           | 13,0                                          | 3793                                    | 1,57                                     | MHE 3160 | 115           | 132 S4  | 202-203              |
|                                               | 13,4                                          | 3696                                    | 1,64                                     |          | 74,8          | 132 MB6 |                      |
|                                               | 13,7                                          | 3606                                    | 1,67                                     |          | 73,0          | 132 MB6 |                      |
|                                               | 14,0                                          | 3540                                    | 1,91                                     |          | 107           | 132 S4  |                      |
|                                               | 14,3                                          | 3452                                    | 1,91                                     |          | 69,8          | 132 MB6 |                      |
|                                               | 14,9                                          | 3317                                    | 1,78                                     |          | 101           | 132 S4  |                      |
|                                               | 15,7                                          | 3154                                    | 1,91                                     |          | 63,8          | 132 MB6 |                      |
|                                               | 16,0                                          | 3098                                    | 2,13                                     |          | 94,0          | 132 S4  |                      |
|                                               | 16,4                                          | 3019                                    | 2,18                                     |          | 61,1          | 132 MB6 |                      |
|                                               | 16,8                                          | 2945                                    | 2,22                                     |          | 59,6          | 132 MB6 |                      |
|                                               | 16,9                                          | 2934                                    | 1,99                                     |          | 89,0          | 132 S4  |                      |
|                                               | 17,3                                          | 2860                                    | 2,12                                     |          | 57,9          | 132 MB6 |                      |
|                                               | 18,2                                          | 2709                                    | 2,34                                     |          | 82,2          | 132 S4  |                      |
|                                               | 18,5                                          | 2677                                    | 2,67                                     |          | 54,2          | 132 MB6 |                      |
|                                               | 19,2                                          | 2576                                    | 2,47                                     |          | 52,1          | 132 MB6 |                      |
|                                               | 19,3                                          | 2567                                    | 2,26                                     |          | 77,9          | 132 S4  |                      |
|                                               | 20,1                                          | 2464                                    | 2,37                                     |          | 74,8          | 132 S4  |                      |
|                                               | 20,3                                          | 2440                                    | 2,47                                     |          | 49,4          | 132 MB6 |                      |
|                                               | 20,6                                          | 2404                                    | 2,41                                     |          | 73,0          | 132 S4  |                      |
|                                               | 21,5                                          | 2301                                    | 2,76                                     |          | 69,8          | 132 S4  |                      |
|                                               | 22,5                                          | 2198                                    | 2,76                                     |          | 44,5          | 132 MB6 |                      |
|                                               | 23,5                                          | 2102                                    | 2,76                                     |          | 63,8          | 132 S4  |                      |
|                                               | 24,6                                          | 2012                                    | 3,14                                     |          | 61,1          | 132 S4  |                      |
|                                               | 25,2                                          | 1963                                    | 3,21                                     |          | 59,6          | 132 S4  |                      |
|                                               | 25,9                                          | 1907                                    | 3,06                                     |          | 57,9          | 132 S4  |                      |
|                                               | 11,6                                          | 4268                                    | 1,07                                     | MHE 3140 | 86,3          | 132 MB6 | 200-201              |
|                                               | 12,7                                          | 3879                                    | 1,16                                     |          | 78,5          | 132 MB6 |                      |
|                                               | 13,8                                          | 3583                                    | 1,17                                     |          | 109           | 132 S4  |                      |
|                                               | 14,4                                          | 3443                                    | 1,24                                     |          | 69,7          | 132 MB6 |                      |
|                                               | 15,1                                          | 3273                                    | 1,35                                     |          | 66,2          | 132 MB6 |                      |
|                                               | 15,2                                          | 3257                                    | 1,29                                     |          | 98,8          | 132 S4  |                      |
|                                               | 15,6                                          | 3163                                    | 1,40                                     |          | 64,0          | 132 MB6 |                      |
|                                               | 17,4                                          | 2845                                    | 1,54                                     |          | 86,3          | 132 S4  |                      |
|                                               | 18,7                                          | 2640                                    | 1,67                                     |          | 53,4          | 132 MB6 |                      |
|                                               | 19,1                                          | 2586                                    | 1,67                                     |          | 78,5          | 132 S4  |                      |
|                                               | 19,7                                          | 2511                                    | 1,76                                     |          | 50,8          | 132 MB6 |                      |
|                                               | 20,0                                          | 2470                                    | 1,58                                     |          | 50,0          | 132 MB6 |                      |
|                                               | 20,7                                          | 2387                                    | 1,53                                     |          | 48,3          | 132 MB6 |                      |
|                                               | 21,5                                          | 2295                                    | 1,79                                     |          | 69,7          | 132 S4  |                      |
|                                               | 22,7                                          | 2182                                    | 1,95                                     |          | 66,2          | 132 S4  |                      |
|                                               | 22,7                                          | 2177                                    | 1,96                                     |          | 44,0          | 132 MB6 |                      |
|                                               | 23,4                                          | 2109                                    | 2,02                                     |          | 64,0          | 132 S4  |                      |
|                                               | 24,4                                          | 2027                                    | 2,19                                     |          | 41,0          | 132 MB6 |                      |
|                                               | 24,8                                          | 1993                                    | 1,83                                     |          | 40,3          | 132 MB6 |                      |
|                                               | 26,1                                          | 1895                                    | 2,14                                     |          | 38,3          | 132 MB6 |                      |
|                                               | 28,1                                          | 1760                                    | 2,41                                     |          | 53,4          | 132 S4  |                      |
|                                               | 29,5                                          | 1674                                    | 2,54                                     |          | 50,8          | 132 S4  |                      |
|                                               | 29,6                                          | 1670                                    | 2,51                                     |          | 33,8          | 132 MB6 |                      |
|                                               | 30,0                                          | 1647                                    | 2,28                                     |          | 50,0          | 132 S4  |                      |
|                                               | 31,1                                          | 1591                                    | 2,20                                     |          | 48,3          | 132 S4  |                      |
|                                               | 32,3                                          | 1529                                    | 2,35                                     |          | 30,9          | 132 MB6 |                      |
|                                               | 34,1                                          | 1451                                    | 2,83                                     |          | 44,0          | 132 S4  |                      |
|                                               | 36,6                                          | 1351                                    | 3,15                                     |          | 41,0          | 132 S4  |                      |
|                                               | 37,2                                          | 1329                                    | 2,63                                     |          | 40,3          | 132 S4  |                      |
|                                               | 39,1                                          | 1264                                    | 3,09                                     |          | 38,3          | 132 S4  |                      |

| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|----------|---------|----------------------|
| 5,5                                           | 39,2                                          | 1261                                    | 2,67                                     | MHE 3140 | 25,5     | 132 MB6 | 200-201              |
|                                               | 42,8                                          | 1179                                    | 2,45                                     | MHE 2125 | 23,4     | 132 MB6 | 180-181              |
| 7,5                                           | 7,89                                          | 8539                                    | 1,95                                     | MHE 3225 | 127      | 160 M6  | 208-209              |
|                                               | 9,53                                          | 7075                                    | 2,41                                     |          | 105      | 160 M6  |                      |
|                                               | 10,0                                          | 6728                                    | 2,54                                     |          | 99,8     | 160 M6  |                      |
|                                               | 11,8                                          | 5693                                    | 2,81                                     |          | 127      | 132 MA4 |                      |
|                                               | 8,02                                          | 8408                                    | 1,44                                     | MHE 3200 | 125      | 160 M6  | 206-207              |
|                                               | 8,43                                          | 7994                                    | 1,50                                     |          | 119      | 160 M6  |                      |
|                                               | 9,55                                          | 7059                                    | 1,87                                     |          | 105      | 160 M6  |                      |
|                                               | 10,0                                          | 6712                                    | 1,98                                     |          | 99,6     | 160 M6  |                      |
|                                               | 11,1                                          | 6068                                    | 2,18                                     |          | 90,0     | 160 M6  |                      |
|                                               | 11,7                                          | 5770                                    | 2,29                                     |          | 85,6     | 160 M6  |                      |
|                                               | 12,0                                          | 5605                                    | 2,08                                     |          | 125      | 132 MA4 |                      |
|                                               | 12,3                                          | 5465                                    | 2,41                                     |          | 81,1     | 160 M6  |                      |
|                                               | 12,6                                          | 5330                                    | 2,17                                     |          | 119      | 132 MA4 |                      |
|                                               | 13,0                                          | 5197                                    | 2,54                                     |          | 77,1     | 160 M6  |                      |
|                                               | 14,3                                          | 4706                                    | 2,70                                     |          | 105      | 132 MA4 |                      |
|                                               | 15,1                                          | 4475                                    | 2,85                                     |          | 99,6     | 132 MA4 |                      |
|                                               | 16,7                                          | 4045                                    | 3,14                                     |          | 90,0     | 132 MA4 |                      |
|                                               | 17,5                                          | 3847                                    | 3,30                                     |          | 85,6     | 132 MA4 |                      |
|                                               | 7,72                                          | 8731                                    | 1,10                                     | MHE 3180 | 130      | 160 M6  | 204-205              |
|                                               | 8,83                                          | 7635                                    | 1,24                                     |          | 113      | 160 M6  |                      |
|                                               | 9,29                                          | 7255                                    | 1,27                                     |          | 108      | 160 M6  |                      |
|                                               | 10,1                                          | 6681                                    | 1,39                                     |          | 99,1     | 160 M6  |                      |
|                                               | 10,6                                          | 6348                                    | 1,45                                     |          | 94,2     | 160 M6  |                      |
|                                               | 11,4                                          | 5908                                    | 1,54                                     |          | 87,6     | 160 M6  |                      |
|                                               | 11,6                                          | 5820                                    | 1,59                                     |          | 130      | 132 MA4 |                      |
|                                               | 12,1                                          | 5551                                    | 1,78                                     |          | 82,4     | 160 M6  |                      |
|                                               | 13,0                                          | 5170                                    | 1,75                                     |          | 76,7     | 160 M6  |                      |
|                                               | 13,2                                          | 5090                                    | 1,79                                     |          | 113      | 132 MA4 |                      |
|                                               | 13,6                                          | 4963                                    | 1,82                                     |          | 73,6     | 160 M6  |                      |
|                                               | 13,9                                          | 4837                                    | 1,83                                     |          | 108      | 132 MA4 |                      |
|                                               | 14,3                                          | 4716                                    | 1,96                                     |          | 70,0     | 160 M6  |                      |
|                                               | 15,1                                          | 4454                                    | 2,01                                     |          | 99,1     | 132 MA4 |                      |
|                                               | 15,9                                          | 4232                                    | 2,09                                     |          | 94,2     | 132 MA4 |                      |
|                                               | 16,3                                          | 4124                                    | 2,34                                     |          | 61,2     | 160 M6  |                      |
|                                               | 17,1                                          | 3939                                    | 2,22                                     |          | 87,6     | 132 MA4 |                      |
|                                               | 17,6                                          | 3841                                    | 2,37                                     |          | 57,0     | 160 M6  |                      |
|                                               | 18,2                                          | 3701                                    | 2,57                                     |          | 82,4     | 132 MA4 |                      |
|                                               | 19,6                                          | 3447                                    | 2,52                                     |          | 76,7     | 132 MA4 |                      |
|                                               | 20,4                                          | 3309                                    | 2,63                                     |          | 73,6     | 132 MA4 |                      |
|                                               | 21,4                                          | 3144                                    | 2,83                                     |          | 70,0     | 132 MA4 |                      |
|                                               | 21,8                                          | 3096                                    | 2,64                                     |          | 45,9     | 160 M6  |                      |
|                                               | 10,6                                          | 6337                                    | 1,08                                     | MHE 3160 | 94,0     | 160 M6  | 202-203              |
|                                               | 11,2                                          | 6000                                    | 1,01                                     |          | 89,0     | 160 M6  |                      |
|                                               | 11,4                                          | 5912                                    | 1,04                                     |          | 132      | 132 MA4 |                      |
|                                               | 12,2                                          | 5541                                    | 1,19                                     |          | 82,2     | 160 M6  |                      |
|                                               | 12,8                                          | 5251                                    | 1,15                                     |          | 77,9     | 160 M6  |                      |
|                                               | 13,0                                          | 5173                                    | 1,15                                     |          | 115      | 132 MA4 |                      |
|                                               | 13,4                                          | 5040                                    | 1,20                                     |          | 74,8     | 160 M6  |                      |
|                                               | 13,7                                          | 4918                                    | 1,23                                     |          | 73,0     | 160 M6  |                      |
|                                               | 14,0                                          | 4828                                    | 1,40                                     |          | 107      | 132 MA4 |                      |
|                                               | 14,3                                          | 4707                                    | 1,40                                     |          | 69,8     | 160 M6  |                      |
|                                               | 14,9                                          | 4523                                    | 1,31                                     |          | 101      | 132 MA4 |                      |
|                                               | 15,7                                          | 4300                                    | 1,40                                     |          | 63,8     | 160 M6  |                      |



| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 7,5                                           | 16,0                                          | 4225                                    | 1,56                                     | MHE 3160 | 94,0          | 132 MA4 | 202-203              |
|                                               | 16,4                                          | 4116                                    | 1,60                                     |          | 61,1          | 160 M6  |                      |
|                                               | 16,8                                          | 4016                                    | 1,63                                     |          | 59,6          | 160 M6  |                      |
|                                               | 16,9                                          | 4000                                    | 1,46                                     |          | 89,0          | 132 MA4 |                      |
|                                               | 17,3                                          | 3900                                    | 1,55                                     |          | 57,9          | 160 M6  |                      |
|                                               | 18,2                                          | 3694                                    | 1,72                                     |          | 82,2          | 132 MA4 |                      |
|                                               | 18,5                                          | 3650                                    | 1,96                                     |          | 54,2          | 160 M6  |                      |
|                                               | 19,2                                          | 3512                                    | 1,81                                     |          | 52,1          | 160 M6  |                      |
|                                               | 19,3                                          | 3501                                    | 1,66                                     |          | 77,9          | 132 MA4 |                      |
|                                               | 20,1                                          | 3360                                    | 1,73                                     |          | 74,8          | 132 MA4 |                      |
|                                               | 20,3                                          | 3327                                    | 1,81                                     |          | 49,4          | 160 M6  |                      |
|                                               | 20,6                                          | 3279                                    | 1,77                                     |          | 73,0          | 132 MA4 |                      |
|                                               | 21,1                                          | 3192                                    | 2,39                                     |          | 47,4          | 160 M6  |                      |
|                                               | 21,5                                          | 3138                                    | 2,02                                     |          | 69,8          | 132 MA4 |                      |
|                                               | 21,6                                          | 3114                                    | 2,31                                     |          | 46,2          | 160 M6  |                      |
|                                               | 22,5                                          | 2998                                    | 2,02                                     |          | 44,5          | 160 M6  |                      |
|                                               | 23,5                                          | 2867                                    | 2,02                                     |          | 63,8          | 132 MA4 |                      |
|                                               | 24,6                                          | 2744                                    | 2,30                                     |          | 61,1          | 132 MA4 |                      |
|                                               | 24,8                                          | 2717                                    | 2,44                                     |          | 40,3          | 160 M6  |                      |
|                                               | 25,2                                          | 2677                                    | 2,35                                     |          | 59,6          | 132 MA4 |                      |
|                                               | 25,9                                          | 2600                                    | 2,24                                     |          | 57,9          | 132 MA4 |                      |
|                                               | 26,4                                          | 2558                                    | 2,38                                     |          | 37,9          | 160 M6  |                      |
|                                               | 27,7                                          | 2434                                    | 2,83                                     |          | 54,2          | 132 MA4 |                      |
|                                               | 28,8                                          | 2341                                    | 2,61                                     |          | 52,1          | 132 MA4 |                      |
|                                               | 30,4                                          | 2218                                    | 2,61                                     |          | 49,4          | 132 MA4 |                      |
|                                               | 31,7                                          | 2128                                    | 3,45                                     |          | 47,4          | 132 MA4 |                      |
|                                               | 32,5                                          | 2076                                    | 3,33                                     |          | 46,2          | 132 MA4 |                      |
|                                               | 33,7                                          | 1999                                    | 2,92                                     |          | 44,5          | 132 MA4 |                      |
|                                               | 15,6                                          | 4313                                    | 1,02                                     | MHE 3140 | 64,0          | 160 M6  | 200-201              |
|                                               | 17,4                                          | 3880                                    | 1,13                                     |          | 86,3          | 132 MA4 |                      |
|                                               | 18,7                                          | 3601                                    | 1,23                                     |          | 53,4          | 160 M6  |                      |
|                                               | 19,1                                          | 3526                                    | 1,23                                     |          | 78,5          | 132 MA4 |                      |
|                                               | 19,7                                          | 3425                                    | 1,29                                     |          | 50,8          | 160 M6  |                      |
|                                               | 20,0                                          | 3368                                    | 1,16                                     |          | 50,0          | 160 M6  |                      |
|                                               | 20,7                                          | 3255                                    | 1,12                                     |          | 48,3          | 160 M6  |                      |
|                                               | 21,5                                          | 3130                                    | 1,32                                     |          | 69,7          | 132 MA4 |                      |
|                                               | 22,7                                          | 2975                                    | 1,43                                     |          | 66,2          | 132 MA4 |                      |
|                                               | 22,7                                          | 2968                                    | 1,44                                     |          | 44,0          | 160 M6  |                      |
|                                               | 23,4                                          | 2875                                    | 1,48                                     |          | 64,0          | 132 MA4 |                      |
|                                               | 24,4                                          | 2764                                    | 1,60                                     |          | 41,0          | 160 M6  |                      |
|                                               | 24,8                                          | 2717                                    | 1,34                                     |          | 40,3          | 160 M6  |                      |
|                                               | 26,1                                          | 2585                                    | 1,57                                     |          | 38,3          | 160 M6  |                      |
|                                               | 28,1                                          | 2400                                    | 1,77                                     |          | 53,4          | 132 MA4 |                      |
|                                               | 29,5                                          | 2283                                    | 1,86                                     |          | 50,8          | 132 MA4 |                      |
|                                               | 29,6                                          | 2278                                    | 1,84                                     |          | 33,8          | 160 M6  |                      |
|                                               | 30,0                                          | 2245                                    | 1,67                                     |          | 50,0          | 132 MA4 |                      |
|                                               | 31,1                                          | 2170                                    | 1,61                                     |          | 48,3          | 132 MA4 |                      |
|                                               | 32,3                                          | 2085                                    | 1,72                                     |          | 30,9          | 160 M6  |                      |
|                                               | 34,1                                          | 1979                                    | 2,07                                     |          | 44,0          | 132 MA4 |                      |
|                                               | 36,6                                          | 1843                                    | 2,31                                     |          | 41,0          | 132 MA4 |                      |
|                                               | 37,2                                          | 1812                                    | 1,93                                     |          | 40,3          | 132 MA4 |                      |
|                                               | 39,1                                          | 1723                                    | 2,26                                     |          | 38,3          | 132 MA4 |                      |
|                                               | 39,2                                          | 1719                                    | 1,95                                     |          | 25,5          | 160 M6  |                      |
|                                               | 44,4                                          | 1519                                    | 2,65                                     |          | 33,8          | 132 MA4 |                      |
|                                               | 48,5                                          | 1390                                    | 2,48                                     |          | 30,9          | 132 MA4 |                      |
| 7,5                                           | 58,8                                          | 1146                                    | 2,82                                     | MHE 3140 | 25,5          | 132 MA4 | 200-201              |
|                                               | 40,6                                          | 1694                                    | 2,19                                     | MHE 2140 | 24,6          | 160 M6  | 182-183              |
|                                               | 60,9                                          | 1129                                    | 3,15                                     |          | 24,6          | 132 MA4 |                      |
|                                               | 42,8                                          | 1608                                    | 1,79                                     |          | 23,4          | 160 M6  |                      |
|                                               | 48,9                                          | 1407                                    | 2,06                                     | MHE 2125 | 20,5          | 160 M6  | 180-181              |
|                                               | 53,9                                          | 1277                                    | 2,26                                     |          | 18,6          | 160 M6  |                      |
|                                               | 61,6                                          | 1117                                    | 2,61                                     |          | 16,2          | 160 M6  |                      |
|                                               | 64,2                                          | 1072                                    | 2,59                                     |          | 23,4          | 132 MA4 |                      |
|                                               | 73,3                                          | 938                                     | 2,96                                     |          | 20,5          | 132 MA4 |                      |
|                                               | 80,8                                          | 852                                     | 3,26                                     |          | 18,6          | 132 MA4 |                      |
|                                               | 8,00                                          | 12356                                   | 2,11                                     | MHE 3250 | 125           | 160 L6  | 210-211              |
|                                               | 9,53                                          | 10374                                   | 2,46                                     |          | 105           | 160 L6  |                      |
|                                               | 12,0                                          | 8237                                    | 3,05                                     |          | 125           | 160 M4  |                      |
|                                               | 7,89                                          | 12524                                   | 1,33                                     | MHE 3225 | 127           | 160 L6  | 208-209              |
|                                               | 9,53                                          | 10377                                   | 1,64                                     |          | 105           | 160 L6  |                      |
|                                               | 10,0                                          | 9867                                    | 1,73                                     |          | 99,8          | 160 L6  |                      |
|                                               | 11,1                                          | 8920                                    | 2,10                                     |          | 90,2          | 160 L6  |                      |
|                                               | 11,7                                          | 8482                                    | 2,19                                     |          | 85,8          | 160 L6  |                      |
|                                               | 11,8                                          | 8349                                    | 1,92                                     |          | 127           | 160 M4  |                      |
|                                               | 12,3                                          | 8041                                    | 2,13                                     |          | 81,3          | 160 L6  |                      |
|                                               | 14,3                                          | 6918                                    | 2,37                                     |          | 105           | 160 M4  |                      |
|                                               | 14,3                                          | 6913                                    | 2,60                                     |          | 69,9          | 160 L6  |                      |
|                                               | 15,0                                          | 6578                                    | 2,49                                     |          | 99,8          | 160 M4  |                      |
|                                               | 16,6                                          | 5947                                    | 3,03                                     |          | 90,2          | 160 M4  |                      |
|                                               | 17,5                                          | 5655                                    | 3,16                                     |          | 85,8          | 160 M4  |                      |
|                                               | 18,4                                          | 5361                                    | 3,08                                     |          | 81,3          | 160 M4  |                      |
|                                               | 8,02                                          | 12331                                   | 0,98                                     | MHE 3200 | 125           | 160 L6  | 206-207              |
|                                               | 8,43                                          | 11725                                   | 1,02                                     |          | 119           | 160 L6  |                      |
|                                               | 9,55                                          | 10353                                   | 1,28                                     |          | 105           | 160 L6  |                      |
|                                               | 10,0                                          | 9845                                    | 1,35                                     |          | 99,6          | 160 L6  |                      |
|                                               | 11,1                                          | 8899                                    | 1,48                                     |          | 90,0          | 160 L6  |                      |
|                                               | 11,7                                          | 8462                                    | 1,56                                     |          | 85,6          | 160 L6  |                      |
|                                               | 12,0                                          | 8221                                    | 1,42                                     |          | 125           | 160 M4  |                      |
|                                               | 12,3                                          | 8016                                    | 1,64                                     |          | 81,1          | 160 L6  |                      |
|                                               | 12,6                                          | 7817                                    | 1,48                                     |          | 119           | 160 M4  |                      |
|                                               | 13,0                                          | 7622                                    | 1,73                                     |          | 77,1          | 160 L6  |                      |
|                                               | 14,3                                          | 6902                                    | 1,84                                     |          | 105           | 160 M4  |                      |
|                                               | 14,3                                          | 6897                                    | 1,90                                     |          | 69,8          | 160 L6  |                      |
|                                               | 15,1                                          | 6563                                    | 1,94                                     |          | 99,6          | 160 M4  |                      |
|                                               | 15,9                                          | 6211                                    | 2,13                                     |          | 62,8          | 160 L6  |                      |
|                                               | 16,7                                          | 5933                                    | 2,14                                     |          | 90,0          | 160 M4  |                      |
|                                               | 17,5                                          | 5642                                    | 2,25                                     |          | 85,6          | 160 M4  |                      |
|                                               | 18,5                                          | 5344                                    | 2,37                                     |          | 81,1          | 160 M4  |                      |
|                                               | 19,5                                          | 5081                                    | 2,50                                     |          | 77,1          | 160 M4  |                      |
|                                               | 21,5                                          | 4598                                    | 2,74                                     |          | 69,8          | 160 M4  |                      |
|                                               | 23,9                                          | 4141                                    | 3,07                                     |          | 62,8          | 160 M4  |                      |
|                                               | 10,6                                          | 9311                                    | 0,99                                     | MHE 3180 | 94,2          | 160 L6  | 204-205              |
|                                               | 11,4                                          | 8665                                    | 1,05                                     |          | 87,6          | 160 L6  |                      |
|                                               | 11,6                                          | 8537                                    | 1,09                                     |          | 130           | 160 M4  |                      |
|                                               | 12,1                                          | 8142                                    | 1,21                                     |          | 82,4          | 160 L6  |                      |
|                                               | 13,0                                          | 7583                                    | 1,19                                     |          | 76,7          | 160 L6  |                      |
|                                               | 13,2                                          | 7466                                    | 1,22                                     |          | 113           | 160 M4  |                      |
|                                               | 13,6                                          | 7279                                    | 1,24                                     |          | 73,6          | 160 L6  |                      |
|                                               | 13,9                                          | 7094                                    | 1,25                                     |          | 108           | 160 M4  |                      |
|                                               | 14,3                                          | 6917                                    | 1,34                                     |          | 70,0          | 160 L6  |                      |



| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|--------|----------------------|
| 11                                            | 15,1                                          | 6532                                    | 1,37                                     | MHE 3180 | 99,1          | 160 M4 | 204-205              |
|                                               | 15,9                                          | 6207                                    | 1,42                                     |          | 94,2          | 160 M4 |                      |
|                                               | 16,3                                          | 6048                                    | 1,59                                     |          | 61,2          | 160 L6 |                      |
|                                               | 17,1                                          | 5777                                    | 1,51                                     |          | 87,6          | 160 M4 |                      |
|                                               | 17,6                                          | 5633                                    | 1,62                                     |          | 57,0          | 160 L6 |                      |
|                                               | 18,2                                          | 5428                                    | 1,75                                     |          | 82,4          | 160 M4 |                      |
|                                               | 19,2                                          | 5160                                    | 1,87                                     |          | 52,2          | 160 L6 |                      |
|                                               | 19,6                                          | 5055                                    | 1,72                                     |          | 76,7          | 160 M4 |                      |
|                                               | 20,4                                          | 4853                                    | 1,79                                     |          | 73,6          | 160 M4 |                      |
|                                               | 21,1                                          | 4681                                    | 2,07                                     |          | 47,3          | 160 L6 |                      |
|                                               | 21,4                                          | 4611                                    | 1,93                                     |          | 70,0          | 160 M4 |                      |
|                                               | 21,8                                          | 4541                                    | 1,80                                     |          | 45,9          | 160 L6 |                      |
|                                               | 22,8                                          | 4330                                    | 2,10                                     |          | 43,8          | 160 L6 |                      |
|                                               | 24,5                                          | 4032                                    | 2,30                                     |          | 61,2          | 160 M4 |                      |
|                                               | 24,8                                          | 3993                                    | 2,43                                     |          | 40,4          | 160 L6 |                      |
|                                               | 26,3                                          | 3755                                    | 2,33                                     |          | 57,0          | 160 M4 |                      |
|                                               | 26,8                                          | 3694                                    | 2,38                                     |          | 37,4          | 160 L6 |                      |
|                                               | 28,1                                          | 3514                                    | 2,22                                     |          | 35,5          | 160 L6 |                      |
|                                               | 28,7                                          | 3440                                    | 2,70                                     |          | 52,2          | 160 M4 |                      |
|                                               | 31,7                                          | 3120                                    | 2,98                                     |          | 47,3          | 160 M4 |                      |
|                                               | 32,7                                          | 3027                                    | 2,59                                     |          | 45,9          | 160 M4 |                      |
|                                               | 33,0                                          | 2998                                    | 2,55                                     |          | 30,3          | 160 L6 |                      |
|                                               | 34,3                                          | 2886                                    | 3,03                                     |          | 43,8          | 160 M4 |                      |
|                                               | 36,6                                          | 2701                                    | 2,66                                     |          | 27,3          | 160 L6 |                      |
|                                               | 14,3                                          | 6903                                    | 0,96                                     | MHE 3160 | 69,8          | 160 L6 | 202-203              |
|                                               | 15,7                                          | 6307                                    | 0,96                                     |          | 63,8          | 160 L6 |                      |
|                                               | 16,0                                          | 6196                                    | 1,07                                     |          | 94,0          | 160 M4 |                      |
|                                               | 16,4                                          | 6037                                    | 1,09                                     |          | 61,1          | 160 L6 |                      |
|                                               | 16,8                                          | 5890                                    | 1,11                                     |          | 59,6          | 160 L6 |                      |
|                                               | 16,9                                          | 5867                                    | 1,00                                     |          | 89,0          | 160 M4 |                      |
|                                               | 17,3                                          | 5720                                    | 1,06                                     |          | 57,9          | 160 L6 |                      |
|                                               | 18,2                                          | 5418                                    | 1,17                                     |          | 82,2          | 160 M4 |                      |
|                                               | 18,5                                          | 5354                                    | 1,34                                     |          | 54,2          | 160 L6 |                      |
|                                               | 19,2                                          | 5151                                    | 1,24                                     |          | 52,1          | 160 L6 |                      |
|                                               | 19,3                                          | 5134                                    | 1,13                                     |          | 77,9          | 160 M4 |                      |
|                                               | 20,1                                          | 4928                                    | 1,18                                     |          | 74,8          | 160 M4 |                      |
|                                               | 20,3                                          | 4880                                    | 1,24                                     |          | 49,4          | 160 L6 |                      |
|                                               | 20,6                                          | 4808                                    | 1,21                                     |          | 73,0          | 160 M4 |                      |
|                                               | 21,1                                          | 4682                                    | 1,63                                     |          | 47,4          | 160 L6 |                      |
|                                               | 21,5                                          | 4602                                    | 1,38                                     |          | 69,8          | 160 M4 |                      |
|                                               | 21,6                                          | 4568                                    | 1,57                                     |          | 46,2          | 160 L6 |                      |
|                                               | 22,5                                          | 4397                                    | 1,38                                     |          | 44,5          | 160 L6 |                      |
|                                               | 23,5                                          | 4205                                    | 1,38                                     |          | 63,8          | 160 M4 |                      |
|                                               | 24,6                                          | 4025                                    | 1,57                                     |          | 61,1          | 160 M4 |                      |
|                                               | 24,8                                          | 3994                                    | 1,90                                     |          | 40,4          | 160 L6 |                      |
|                                               | 24,8                                          | 3986                                    | 1,66                                     |          | 40,3          | 160 L6 |                      |
|                                               | 25,2                                          | 3927                                    | 1,60                                     |          | 59,6          | 160 M4 |                      |
|                                               | 25,9                                          | 3813                                    | 1,53                                     |          | 57,9          | 160 M4 |                      |
|                                               | 26,4                                          | 3751                                    | 1,62                                     |          | 37,9          | 160 L6 |                      |
|                                               | 27,3                                          | 3623                                    | 2,22                                     |          | 36,6          | 160 L6 |                      |
|                                               | 27,7                                          | 3569                                    | 1,93                                     |          | 54,2          | 160 M4 |                      |
|                                               | 28,8                                          | 3434                                    | 1,78                                     |          | 52,1          | 160 M4 |                      |
|                                               | 30,4                                          | 3254                                    | 1,78                                     |          | 49,4          | 160 M4 |                      |
|                                               | 30,5                                          | 3244                                    | 2,07                                     |          | 32,8          | 160 L6 |                      |
|                                               | 31,7                                          | 3121                                    | 2,35                                     |          | 47,4          | 160 M4 |                      |

| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | Rapporto | Motore | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|----------|--------|----------------------|
| 11                                            | 32,0                                          | 3091                                    | 2,56                                     | MHE 3160 | 31,3     | 160 L6 | 202-203              |
|                                               | 32,5                                          | 3045                                    | 2,27                                     |          | 46,2     | 160 M4 |                      |
|                                               | 33,6                                          | 2942                                    | 2,23                                     |          | 29,8     | 160 L6 |                      |
|                                               | 33,7                                          | 2931                                    | 1,99                                     |          | 44,5     | 160 M4 |                      |
|                                               | 35,5                                          | 2784                                    | 2,67                                     |          | 28,2     | 160 L6 |                      |
|                                               | 37,1                                          | 2663                                    | 2,74                                     |          | 40,4     | 160 M4 |                      |
|                                               | 37,2                                          | 2657                                    | 2,40                                     |          | 40,3     | 160 M4 |                      |
|                                               | 39,4                                          | 2510                                    | 2,55                                     |          | 25,4     | 160 L6 |                      |
|                                               | 39,5                                          | 2501                                    | 2,34                                     |          | 37,9     | 160 M4 |                      |
|                                               | 40,9                                          | 2415                                    | 3,20                                     |          | 36,6     | 160 M4 |                      |
|                                               | 43,7                                          | 2261                                    | 2,67                                     |          | 22,9     | 160 L6 |                      |
|                                               | 45,7                                          | 2163                                    | 2,98                                     |          | 32,8     | 160 M4 |                      |
|                                               | 42,1                                          | 2396                                    | 2,52                                     | MHE 2160 | 23,8     | 160 L6 | 184-185              |
|                                               | 22,7                                          | 4364                                    | 0,97                                     | MHE 3140 | 66,2     | 160 M4 | 200-201              |
|                                               | 22,7                                          | 4353                                    | 0,98                                     |          | 44,0     | 160 L6 |                      |
|                                               | 23,4                                          | 4217                                    | 1,01                                     |          | 64,0     | 160 M4 |                      |
|                                               | 24,4                                          | 4054                                    | 1,09                                     |          | 41,0     | 160 L6 |                      |
|                                               | 26,1                                          | 3791                                    | 1,07                                     |          | 38,3     | 160 L6 |                      |
|                                               | 28,1                                          | 3521                                    | 1,21                                     |          | 53,4     | 160 M4 |                      |
|                                               | 29,5                                          | 3348                                    | 1,27                                     |          | 50,8     | 160 M4 |                      |
|                                               | 29,6                                          | 3341                                    | 1,25                                     |          | 33,8     | 160 L6 |                      |
|                                               | 30,0                                          | 3293                                    | 1,14                                     |          | 50,0     | 160 M4 |                      |
|                                               | 31,1                                          | 3182                                    | 1,10                                     |          | 48,3     | 160 M4 |                      |
|                                               | 32,3                                          | 3058                                    | 1,17                                     |          | 30,9     | 160 L6 |                      |
|                                               | 34,1                                          | 2902                                    | 1,41                                     |          | 44,0     | 160 M4 |                      |
|                                               | 36,6                                          | 2703                                    | 1,58                                     | MHE 2140 | 41,0     | 160 M4 | 182-183              |
|                                               | 37,2                                          | 2657                                    | 1,32                                     |          | 40,3     | 160 M4 |                      |
|                                               | 39,1                                          | 2527                                    | 1,54                                     |          | 38,3     | 160 M4 |                      |
|                                               | 39,2                                          | 2521                                    | 1,33                                     |          | 25,5     | 160 L6 |                      |
|                                               | 44,4                                          | 2227                                    | 1,81                                     |          | 33,8     | 160 M4 |                      |
|                                               | 48,5                                          | 2039                                    | 1,69                                     |          | 30,9     | 160 M4 |                      |
|                                               | 58,8                                          | 1681                                    | 1,92                                     |          | 25,5     | 160 M4 |                      |
|                                               | 40,6                                          | 2484                                    | 1,49                                     |          | 24,6     | 160 L6 |                      |
|                                               | 49,8                                          | 2025                                    | 2,16                                     |          | 20,1     | 160 L6 |                      |
|                                               | 60,9                                          | 1656                                    | 2,15                                     |          | 24,6     | 160 M4 |                      |
|                                               | 74,7                                          | 1350                                    | 3,11                                     |          | 20,1     | 160 M4 |                      |
|                                               | 42,8                                          | 2359                                    | 1,22                                     | MHE 2125 | 23,4     | 160 L6 | 180-181              |
|                                               | 48,9                                          | 2063                                    | 1,40                                     |          | 20,5     | 160 L6 |                      |
|                                               | 53,9                                          | 1874                                    | 1,54                                     |          | 18,6     | 160 L6 |                      |
|                                               | 61,6                                          | 1638                                    | 1,78                                     |          | 16,2     | 160 L6 |                      |
|                                               | 63,2                                          | 1596                                    | 2,31                                     |          | 15,8     | 160 L6 |                      |
|                                               | 64,2                                          | 1573                                    | 1,76                                     |          | 23,4     | 160 M4 |                      |
|                                               | 73,3                                          | 1375                                    | 2,02                                     |          | 20,5     | 160 M4 |                      |
|                                               | 80,8                                          | 1249                                    | 2,23                                     |          | 18,6     | 160 M4 |                      |
|                                               | 92,4                                          | 1092                                    | 2,56                                     |          | 16,2     | 160 M4 |                      |
|                                               | 94,8                                          | 1064                                    | 3,33                                     |          | 15,8     | 160 M4 |                      |
| 15                                            | 8,02                                          | 16815                                   | 2,23                                     | MHE 3280 | 125      | 180 L6 | 212-213              |
|                                               | 9,55                                          | 14118                                   | 2,59                                     |          | 105      | 180 L6 |                      |
|                                               | 8,00                                          | 16849                                   | 1,55                                     | MHE 3250 | 125      | 180 L6 | 210-211              |
|                                               | 9,53                                          | 14146                                   | 1,80                                     |          | 105      | 180 L6 |                      |
|                                               | 10,0                                          | 13483                                   | 2,16                                     |          | 100      | 180 L6 |                      |
|                                               | 11,9                                          | 11320                                   | 2,52                                     |          | 84,0     | 180 L6 |                      |
|                                               | 12,0                                          | 11233                                   | 2,24                                     |          | 125      | 160 L4 |                      |
|                                               | 12,3                                          | 10994                                   | 2,58                                     |          | 81,5     | 180 L6 |                      |
|                                               | 13,0                                          | 10369                                   | 2,40                                     |          | 76,9     | 180 L6 |                      |



| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|--------|----------------------|
| 15                                            | 14,3                                          | 9431                                    | 2,60                                     | MHE 3250 | 105           | 160 L4 | 210-211              |
|                                               | 15,0                                          | 8988                                    | 3,12                                     |          | 100           | 160 L4 |                      |
|                                               | 7,89                                          | 17078                                   | 0,97                                     | MHE 3225 | 127           | 180 L6 | 208-209              |
|                                               | 9,53                                          | 14150                                   | 1,21                                     |          | 105           | 180 L6 |                      |
|                                               | 10,0                                          | 13456                                   | 1,27                                     |          | 99,8          | 180 L6 |                      |
|                                               | 11,1                                          | 12164                                   | 1,54                                     |          | 90,2          | 180 L6 |                      |
|                                               | 11,7                                          | 11567                                   | 1,60                                     |          | 85,8          | 180 L6 |                      |
|                                               | 11,8                                          | 11386                                   | 1,41                                     |          | 127           | 160 L4 |                      |
|                                               | 12,3                                          | 10965                                   | 1,56                                     |          | 81,3          | 180 L6 |                      |
|                                               | 14,3                                          | 9433                                    | 1,74                                     |          | 105           | 160 L4 |                      |
|                                               | 14,3                                          | 9427                                    | 1,91                                     |          | 69,9          | 180 L6 |                      |
|                                               | 15,0                                          | 8970                                    | 1,83                                     |          | 99,8          | 160 L4 |                      |
|                                               | 16,0                                          | 8428                                    | 2,05                                     |          | 62,5          | 180 L6 |                      |
|                                               | 16,6                                          | 8109                                    | 2,22                                     |          | 90,2          | 160 L4 |                      |
|                                               | 17,5                                          | 7711                                    | 2,31                                     |          | 85,8          | 160 L4 |                      |
|                                               | 18,4                                          | 7310                                    | 2,48                                     |          | 54,2          | 180 L6 |                      |
|                                               | 18,4                                          | 7310                                    | 2,26                                     |          | 81,3          | 160 L4 |                      |
|                                               | 18,6                                          | 7244                                    | 2,50                                     |          | 53,7          | 180 L6 |                      |
|                                               | 19,4                                          | 6953                                    | 2,17                                     |          | 51,6          | 180 L6 |                      |
|                                               | 21,5                                          | 6285                                    | 2,75                                     |          | 69,9          | 160 L4 |                      |
|                                               | 24,0                                          | 5619                                    | 2,95                                     |          | 62,5          | 160 L4 |                      |
|                                               | 10,0                                          | 13425                                   | 0,99                                     | MHE 3200 | 99,6          | 180 L6 | 206-207              |
|                                               | 11,1                                          | 12136                                   | 1,09                                     |          | 90,0          | 180 L6 |                      |
|                                               | 11,7                                          | 11540                                   | 1,14                                     |          | 85,6          | 180 L6 |                      |
|                                               | 12,0                                          | 11210                                   | 1,04                                     |          | 125           | 160 L4 |                      |
|                                               | 12,3                                          | 10930                                   | 1,20                                     |          | 81,1          | 180 L6 |                      |
|                                               | 12,6                                          | 10659                                   | 1,08                                     |          | 119           | 160 L4 |                      |
|                                               | 13,0                                          | 10394                                   | 1,27                                     |          | 77,1          | 180 L6 |                      |
|                                               | 14,3                                          | 9412                                    | 1,35                                     |          | 105           | 160 L4 |                      |
|                                               | 14,3                                          | 9405                                    | 1,39                                     |          | 69,8          | 180 L6 |                      |
|                                               | 15,1                                          | 8950                                    | 1,42                                     |          | 99,6          | 160 L4 |                      |
|                                               | 15,9                                          | 8470                                    | 1,56                                     |          | 62,8          | 180 L6 |                      |
|                                               | 16,7                                          | 8090                                    | 1,57                                     |          | 90,0          | 160 L4 |                      |
|                                               | 17,5                                          | 7693                                    | 1,65                                     |          | 85,6          | 160 L4 |                      |
|                                               | 18,5                                          | 7287                                    | 1,74                                     |          | 81,1          | 160 L4 |                      |
|                                               | 18,5                                          | 7282                                    | 2,14                                     |          | 54,0          | 180 L6 |                      |
|                                               | 19,5                                          | 6929                                    | 1,83                                     |          | 77,1          | 160 L4 |                      |
|                                               | 20,7                                          | 6509                                    | 2,05                                     |          | 48,3          | 180 L6 |                      |
|                                               | 21,5                                          | 6270                                    | 2,01                                     |          | 69,8          | 160 L4 |                      |
|                                               | 23,9                                          | 5647                                    | 2,25                                     |          | 62,8          | 160 L4 |                      |
|                                               | 26,5                                          | 5086                                    | 2,04                                     |          | 37,7          | 180 L6 |                      |
|                                               | 14,3                                          | 9432                                    | 0,98                                     | MHE 3180 | 70,0          | 180 L6 | 204-205              |
|                                               | 15,1                                          | 8907                                    | 1,00                                     |          | 99,1          | 160 L4 |                      |
|                                               | 15,9                                          | 8464                                    | 1,04                                     |          | 94,2          | 160 L4 |                      |
|                                               | 16,3                                          | 8247                                    | 1,17                                     |          | 61,2          | 180 L6 |                      |
|                                               | 17,1                                          | 7877                                    | 1,11                                     |          | 87,6          | 160 L4 |                      |
|                                               | 17,6                                          | 7681                                    | 1,18                                     |          | 57,0          | 180 L6 |                      |
|                                               | 18,2                                          | 7402                                    | 1,28                                     |          | 82,4          | 160 L4 |                      |
|                                               | 19,2                                          | 7037                                    | 1,37                                     |          | 52,2          | 180 L6 |                      |
|                                               | 19,6                                          | 6893                                    | 1,26                                     |          | 76,7          | 160 L4 |                      |
|                                               | 20,4                                          | 6617                                    | 1,31                                     |          | 73,6          | 160 L4 |                      |
|                                               | 21,1                                          | 6383                                    | 1,52                                     |          | 47,3          | 180 L6 |                      |
|                                               | 21,4                                          | 6288                                    | 1,41                                     |          | 70,0          | 160 L4 |                      |
|                                               | 21,8                                          | 6193                                    | 1,32                                     |          | 45,9          | 180 L6 |                      |
|                                               | 22,8                                          | 5904                                    | 1,54                                     |          | 43,8          | 180 L6 |                      |
| 15                                            | 24,5                                          | 5498                                    | 1,69                                     | MHE 3180 | 61,2          | 160 L4 | 204-205              |
|                                               | 24,8                                          | 5446                                    | 1,79                                     |          |               | 180 L6 |                      |
|                                               | 26,3                                          | 5121                                    | 1,71                                     |          |               | 160 L4 |                      |
|                                               | 26,8                                          | 5037                                    | 1,74                                     |          |               | 180 L6 |                      |
|                                               | 28,1                                          | 4792                                    | 1,63                                     |          |               | 180 L6 |                      |
|                                               | 28,7                                          | 4691                                    | 1,98                                     |          |               | 160 L4 |                      |
|                                               | 31,7                                          | 4255                                    | 2,19                                     |          |               | 160 L4 |                      |
|                                               | 32,7                                          | 4128                                    | 1,90                                     |          |               | 160 L4 |                      |
|                                               | 33,0                                          | 4088                                    | 1,87                                     |          |               | 180 L6 |                      |
|                                               | 34,3                                          | 3936                                    | 2,22                                     |          |               | 160 L4 |                      |
|                                               | 36,6                                          | 3683                                    | 1,95                                     |          |               | 180 L6 |                      |
|                                               | 37,1                                          | 3630                                    | 2,58                                     |          |               | 160 L4 |                      |
|                                               | 40,1                                          | 3358                                    | 2,52                                     |          |               | 160 L4 |                      |
|                                               | 42,2                                          | 3194                                    | 2,35                                     |          |               | 160 L4 |                      |
|                                               | 42,9                                          | 3143                                    | 2,28                                     |          |               | 180 L6 |                      |
|                                               | 49,5                                          | 2725                                    | 2,70                                     |          |               | 160 L4 |                      |
|                                               | 54,9                                          | 2456                                    | 2,81                                     |          |               | 160 L4 |                      |
|                                               | 64,4                                          | 2095                                    | 3,29                                     |          |               | 160 L4 |                      |
|                                               | 42,8                                          | 3217                                    | 2,62                                     | MHE 2180 | 23,4          | 180 L6 | 186-187              |
|                                               | 18,5                                          | 7301                                    | 0,98                                     | MHE 3160 | 54,2          | 180 L6 | 202-203              |
|                                               | 21,1                                          | 6384                                    | 1,20                                     |          |               | 180 L6 |                      |
|                                               | 21,5                                          | 6276                                    | 1,01                                     |          |               | 160 L4 |                      |
|                                               | 21,6                                          | 6229                                    | 1,15                                     |          |               | 180 L6 |                      |
|                                               | 22,5                                          | 5996                                    | 1,01                                     |          |               | 180 L6 |                      |
|                                               | 23,5                                          | 5734                                    | 1,01                                     |          |               | 160 L4 |                      |
|                                               | 24,6                                          | 5488                                    | 1,15                                     |          |               | 160 L4 |                      |
|                                               | 24,8                                          | 5447                                    | 1,39                                     |          |               | 180 L6 |                      |
|                                               | 24,8                                          | 5435                                    | 1,22                                     |          |               | 180 L6 |                      |
|                                               | 25,2                                          | 5354                                    | 1,18                                     |          |               | 160 L4 |                      |
|                                               | 25,9                                          | 5200                                    | 1,12                                     |          |               | 160 L4 |                      |
|                                               | 26,4                                          | 5115                                    | 1,19                                     |          |               | 180 L6 |                      |
|                                               | 27,3                                          | 4940                                    | 1,63                                     |          |               | 180 L6 |                      |
|                                               | 27,7                                          | 4867                                    | 1,41                                     |          |               | 160 L4 |                      |
|                                               | 28,8                                          | 4683                                    | 1,31                                     |          |               | 160 L4 |                      |
|                                               | 30,4                                          | 4437                                    | 1,31                                     |          |               | 160 L4 |                      |
|                                               | 30,5                                          | 4424                                    | 1,52                                     |          |               | 180 L6 |                      |
|                                               | 31,7                                          | 4256                                    | 1,73                                     |          |               | 160 L4 |                      |
|                                               | 32,0                                          | 4215                                    | 1,88                                     |          |               | 180 L6 |                      |
|                                               | 32,5                                          | 4153                                    | 1,66                                     |          |               | 160 L4 |                      |
|                                               | 33,6                                          | 4012                                    | 1,63                                     |          |               | 180 L6 |                      |
|                                               | 33,7                                          | 3997                                    | 1,46                                     |          |               | 160 L4 |                      |
|                                               | 35,5                                          | 3797                                    | 1,96                                     |          |               | 180 L6 |                      |
|                                               | 37,1                                          | 3631                                    | 2,01                                     |          |               | 160 L4 |                      |
|                                               | 37,2                                          | 3623                                    | 1,76                                     |          |               | 160 L4 |                      |
|                                               | 39,4                                          | 3423                                    | 1,87                                     |          |               | 180 L6 |                      |
|                                               | 39,5                                          | 3410                                    | 1,72                                     |          |               | 160 L4 |                      |
|                                               | 40,9                                          | 3293                                    | 2,35                                     |          |               | 160 L4 |                      |
|                                               | 41,6                                          | 3240                                    | 2,29                                     |          |               | 180 L6 |                      |
|                                               | 43,7                                          | 3083                                    | 1,96                                     |          |               | 180 L6 |                      |
|                                               | 45,7                                          | 2949                                    | 2,19                                     |          |               | 160 L4 |                      |
|                                               | 48,0                                          | 2810                                    | 2,70                                     |          |               | 160 L4 |                      |
|                                               | 50,4                                          | 2675                                    | 2,36                                     |          |               | 160 L4 |                      |
|                                               | 51,3                                          | 2630                                    | 2,29                                     |          |               | 180 L6 |                      |
|                                               | 53,3                                          | 2531                                    | 2,82                                     |          |               | 160 L4 |                      |
|                                               | 59,1                                          | 2282                                    | 2,70                                     |          |               | 160 L4 |                      |



| P <sub>i</sub><br>Potenza<br>Ingresso | n <sub>2</sub><br>Velocità<br>uscita | M <sub>2</sub><br>Coppia uscita | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page | P <sub>i</sub><br>Potenza<br>Ingresso | n <sub>2</sub><br>Velocità<br>uscita | M <sub>2</sub><br>Coppia uscita | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | Rapporto | Motore  | Dim.pag<br>Dim. Page |
|---------------------------------------|--------------------------------------|---------------------------------|------------------------------------------|----------|---------------|---------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|------------------------------------------|----------|----------|---------|----------------------|
| [kW]                                  | [rpm]                                | [Nm]                            |                                          |          |               |         |                      | [kW]                                  | [rpm]                                | [Nm]                            |                                          |          |          |         |                      |
| 15                                    | 62,4                                 | 2160                            | 3,30                                     | MHE 3160 | 24,0          | 160 L4  | 202-203              | 18,5                                  | 9,53                                 | 17452                           | 0,98                                     | MHE 3225 | 105      | 200 LA6 | 208-209              |
|                                       | 65,6                                 | 2056                            | 2,82                                     |          | 22,9          | 160 L4  |                      |                                       | 10,0                                 | 16595                           | 1,03                                     |          | 99,8     | 200 LA6 |                      |
|                                       | 76,9                                 | 1754                            | 3,30                                     |          | 19,5          | 160 L4  |                      |                                       | 11,1                                 | 15002                           | 1,25                                     |          | 90,2     | 200 LA6 |                      |
|                                       | 42,1                                 | 3267                            | 1,85                                     | MHE 2160 | 23,8          | 180 L6  | 184-185              |                                       | 11,7                                 | 14266                           | 1,30                                     |          | 85,8     | 200 LA6 |                      |
|                                       | 48,1                                 | 2857                            | 2,15                                     |          | 20,8          | 180 L6  |                      |                                       | 11,8                                 | 14042                           | 1,14                                     |          | 127      | 180 M4  |                      |
|                                       | 51,6                                 | 2668                            | 2,51                                     |          | 19,4          | 180 L6  |                      |                                       | 12,3                                 | 13524                           | 1,27                                     |          | 81,3     | 200 LA6 |                      |
|                                       | 63,2                                 | 2178                            | 2,67                                     | 23,8     | 160 L4        | 14,3    | 11634                |                                       | 1,41                                 | 105                             | 180 M4                                   |          |          |         |                      |
|                                       | 72,2                                 | 1905                            | 3,10                                     | 20,8     | 160 L4        | 14,3    | 11627                |                                       | 1,55                                 | 69,9                            | 200 LA6                                  |          |          |         |                      |
|                                       | 34,1                                 | 3958                            | 1,04                                     | MHE 3140 | 44,0          | 160 L4  | 200-201              |                                       | 15,0                                 | 11064                           | 1,48                                     |          | 99,8     | 180 M4  |                      |
|                                       | 36,6                                 | 3685                            | 1,16                                     |          | 41,0          | 160 L4  |                      |                                       | 16,0                                 | 10394                           | 1,66                                     |          | 62,5     | 200 LA6 |                      |
|                                       | 37,2                                 | 3623                            | 0,97                                     |          | 40,3          | 160 L4  |                      |                                       | 16,6                                 | 10001                           | 1,80                                     |          | 90,2     | 180 M4  |                      |
|                                       | 39,1                                 | 3446                            | 1,13                                     |          | 38,3          | 160 L4  |                      |                                       | 17,5                                 | 9510                            | 1,88                                     |          | 85,8     | 180 M4  |                      |
|                                       | 39,2                                 | 3438                            | 0,98                                     |          | 25,5          | 180 L6  |                      |                                       | 18,4                                 | 9016                            | 2,01                                     |          | 54,2     | 200 LA6 |                      |
|                                       | 44,4                                 | 3037                            | 1,33                                     |          | 33,8          | 160 L4  |                      |                                       | 18,4                                 | 9016                            | 1,83                                     |          | 81,3     | 180 M4  |                      |
|                                       | 48,5                                 | 2780                            | 1,24                                     |          | 30,9          | 160 L4  |                      |                                       | 18,6                                 | 8934                            | 2,03                                     |          | 53,7     | 200 LA6 |                      |
|                                       | 58,8                                 | 2292                            | 1,41                                     |          | 25,5          | 160 L4  |                      |                                       | 19,4                                 | 8575                            | 1,76                                     |          | 51,6     | 200 LA6 |                      |
|                                       | 40,6                                 | 3387                            | 1,09                                     | MHE 2140 | 24,6          | 180 L6  | 182-183              |                                       | 21,5                                 | 7751                            | 2,23                                     |          | 69,9     | 180 M4  |                      |
|                                       | 49,8                                 | 2761                            | 1,58                                     |          | 20,1          | 180 L6  |                      |                                       | 22,7                                 | 7322                            | 2,49                                     |          | 44,0     | 200 LA6 |                      |
|                                       | 60,9                                 | 2258                            | 1,58                                     |          | 24,6          | 160 L4  |                      |                                       | 24,0                                 | 6930                            | 2,40                                     |          | 62,5     | 180 M4  |                      |
|                                       | 62,7                                 | 2193                            | 1,99                                     |          | 15,9          | 180 L6  |                      |                                       | 24,0                                 | 6929                            | 2,62                                     |          | 41,7     | 200 LA6 |                      |
|                                       | 66,0                                 | 2084                            | 2,02                                     |          | 15,2          | 180 L6  |                      |                                       | 25,0                                 | 6650                            | 2,51                                     |          | 40,0     | 200 LA6 |                      |
|                                       | 74,7                                 | 1841                            | 2,28                                     |          | 20,1          | 160 L4  |                      |                                       | 27,7                                 | 6011                            | 2,89                                     |          | 54,2     | 180 M4  |                      |
|                                       | 94,1                                 | 1462                            | 2,87                                     |          | 15,9          | 160 L4  |                      |                                       | 27,9                                 | 5956                            | 2,92                                     |          | 53,7     | 180 M4  |                      |
|                                       | 99,0                                 | 1390                            | 2,91                                     |          | 15,2          | 160 L4  |                      |                                       | 29,1                                 | 5717                            | 2,54                                     |          | 51,6     | 180 M4  |                      |
|                                       | 48,9                                 | 2813                            | 1,03                                     | MHE 2125 | 20,5          | 180 L6  | 180-181              |                                       | 12,3                                 | 13481                           | 0,98                                     | MHE 3200 | 81,1     | 200 LA6 | 206-207              |
|                                       | 53,9                                 | 2555                            | 1,13                                     |          | 18,6          | 180 L6  |                      |                                       | 13,0                                 | 12819                           | 1,03                                     |          | 77,1     | 200 LA6 |                      |
|                                       | 61,6                                 | 2234                            | 1,30                                     |          | 16,2          | 180 L6  |                      |                                       | 14,3                                 | 11608                           | 1,09                                     |          | 105      | 180 M4  |                      |
|                                       | 63,2                                 | 2176                            | 1,69                                     |          | 15,8          | 180 L6  |                      |                                       | 14,3                                 | 11600                           | 1,13                                     |          | 69,8     | 200 LA6 |                      |
|                                       | 64,2                                 | 2144                            | 1,29                                     |          | 23,4          | 160 L4  |                      |                                       | 15,1                                 | 11038                           | 1,16                                     |          | 99,6     | 180 M4  |                      |
|                                       | 73,3                                 | 1876                            | 1,48                                     |          | 20,5          | 160 L4  |                      |                                       | 15,9                                 | 10446                           | 1,26                                     |          | 62,8     | 200 LA6 |                      |
| 80,8                                  | 1703                                 | 1,63                            | 18,6                                     |          | 160 L4        | 16,7    |                      |                                       | 9978                                 | 1,27                            | 90,0                                     |          | 180 M4   |         |                      |
| 92,4                                  | 1490                                 | 1,88                            | 16,2                                     |          | 160 L4        | 17,5    |                      |                                       | 9488                                 | 1,34                            | 85,6                                     |          | 180 M4   |         |                      |
| 94,8                                  | 1451                                 | 2,44                            | 15,8                                     |          | 160 L4        | 18,5    |                      |                                       | 8987                                 | 1,41                            | 81,1                                     |          | 180 M4   |         |                      |
| 119                                   | 1153                                 | 3,09                            | 12,6                                     |          | 160 L4        | 18,5    |                      |                                       | 8981                                 | 1,74                            | 54,0                                     |          | 200 LA6  |         |                      |
| 139                                   | 991                                  | 2,85                            | 10,8                                     |          | 160 L4        | 19,5    |                      |                                       | 8546                                 | 1,49                            | 77,1                                     |          | 180 M4   |         |                      |
| 18,5                                  | 8,02                                 | 20739                           | 1,81                                     | MHE 3280 | 125           | 200 LA6 | 212-213              |                                       | 20,7                                 | 8028                            | 1,66                                     |          | 48,3     | 200 LA6 |                      |
|                                       | 9,55                                 | 17412                           | 2,10                                     |          | 105           | 200 LA6 |                      |                                       | 21,5                                 | 7733                            | 1,63                                     |          | 69,8     | 180 M4  |                      |
|                                       | 10,0                                 | 16645                           | 2,27                                     |          | 100           | 200 LA6 |                      |                                       | 23,9                                 | 6964                            | 2,14                                     |          | 41,9     | 200 LA6 |                      |
|                                       | 12,0                                 | 13826                           | 2,60                                     |          | 125           | 180 M4  |                      |                                       | 23,9                                 | 6964                            | 1,82                                     |          | 62,8     | 180 M4  |                      |
|                                       | 14,3                                 | 11608                           | 3,03                                     |          | 105           | 180 M4  |                      |                                       | 26,5                                 | 6272                            | 1,66                                     |          | 37,7     | 200 LA6 |                      |
|                                       | 8,00                                 | 20781                           | 1,26                                     | MHE 3250 | 125           | 200 LA6 | 210-211              |                                       | 27,8                                 | 5987                            | 2,51                                     |          | 54,0     | 180 M4  |                      |
|                                       | 9,53                                 | 17447                           | 1,46                                     |          | 105           | 200 LA6 |                      |                                       | 29,4                                 | 5655                            | 2,51                                     |          | 34,0     | 200 LA6 |                      |
|                                       | 10,0                                 | 16629                           | 1,75                                     |          | 100           | 200 LA6 |                      |                                       | 31,1                                 | 5353                            | 2,62                                     |          | 32,2     | 200 LA6 |                      |
|                                       | 11,9                                 | 13961                           | 2,04                                     |          | 84,0          | 200 LA6 |                      |                                       | 31,1                                 | 5352                            | 2,39                                     |          | 48,3     | 180 M4  |                      |
|                                       | 12,0                                 | 13854                           | 1,81                                     |          | 125           | 180 M4  |                      |                                       | 35,8                                 | 4643                            | 3,08                                     |          | 41,9     | 180 M4  |                      |
|                                       | 12,3                                 | 13559                           | 2,09                                     |          | 81,5          | 200 LA6 |                      |                                       | 39,8                                 | 4182                            | 2,39                                     |          | 37,7     | 180 M4  |                      |
|                                       | 13,0                                 | 12789                           | 1,94                                     |          | 76,9          | 200 LA6 |                      |                                       | 17,6                                 | 9473                            | 0,96                                     | 57,0     | 200 LA6  |         |                      |
|                                       | 14,3                                 | 11631                           | 2,11                                     |          | 105           | 180 M4  |                      |                                       | 18,2                                 | 9129                            | 1,04                                     | 82,4     | 180 M4   |         |                      |
|                                       | 14,6                                 | 11384                           | 2,43                                     |          | 68,5          | 200 LA6 |                      |                                       | 19,2                                 | 8678                            | 1,11                                     | 52,2     | 200 LA6  |         |                      |
|                                       | 15,0                                 | 11086                           | 2,53                                     |          | 100           | 180 M4  |                      |                                       | 19,6                                 | 8502                            | 1,02                                     | 76,7     | 180 M4   |         |                      |
|                                       | 15,1                                 | 11015                           | 2,27                                     |          | 66,2          | 200 LA6 |                      |                                       | 20,4                                 | 8161                            | 1,07                                     | 73,6     | 180 M4   |         |                      |
|                                       | 15,5                                 | 10737                           | 2,31                                     |          | 64,6          | 200 LA6 |                      |                                       | 21,1                                 | 7872                            | 1,23                                     | 47,3     | 200 LA6  |         |                      |
|                                       | 17,9                                 | 9308                            | 2,95                                     |          | 84,0          | 180 M4  |                      |                                       | 21,4                                 | 7756                            | 1,15                                     | 70,0     | 180 M4   |         |                      |
|                                       | 18,4                                 | 9039                            | 3,01                                     |          | 81,5          | 180 M4  |                      |                                       | 21,8                                 | 7637                            | 1,07                                     | 45,9     | 200 LA6  |         |                      |
|                                       | 19,5                                 | 8526                            | 2,80                                     |          | 76,9          | 180 M4  |                      |                                       | 22,8                                 | 7282                            | 1,25                                     | 43,8     | 200 LA6  |         |                      |



| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 18,5                                          | 24,5                                          | 6781                                    | 1,37                                     | MHE 3180 | 61,2          | 180 M4  | 204-205              |
|                                               | 24,8                                          | 6716                                    | 1,45                                     |          | 40,4          | 200 LA6 |                      |
|                                               | 26,3                                          | 6316                                    | 1,39                                     |          | 57,0          | 180 M4  |                      |
|                                               | 26,8                                          | 6212                                    | 1,41                                     |          | 37,4          | 200 LA6 |                      |
|                                               | 28,1                                          | 5910                                    | 1,32                                     |          | 35,5          | 200 LA6 |                      |
|                                               | 28,7                                          | 5786                                    | 1,61                                     |          | 52,2          | 180 M4  |                      |
|                                               | 31,7                                          | 5248                                    | 1,77                                     |          | 47,3          | 180 M4  |                      |
|                                               | 32,7                                          | 5092                                    | 1,54                                     |          | 45,9          | 180 M4  |                      |
|                                               | 33,0                                          | 5042                                    | 1,52                                     |          | 30,3          | 200 LA6 |                      |
|                                               | 34,3                                          | 4854                                    | 1,80                                     |          | 43,8          | 180 M4  |                      |
|                                               | 36,6                                          | 4543                                    | 1,58                                     |          | 27,3          | 200 LA6 |                      |
|                                               | 37,1                                          | 4478                                    | 2,09                                     |          | 40,4          | 180 M4  |                      |
|                                               | 40,1                                          | 4142                                    | 2,04                                     |          | 37,4          | 180 M4  |                      |
|                                               | 42,2                                          | 3940                                    | 1,90                                     |          | 35,5          | 180 M4  |                      |
|                                               | 42,9                                          | 3876                                    | 1,85                                     |          | 23,3          | 200 LA6 |                      |
|                                               | 49,5                                          | 3361                                    | 2,19                                     |          | 30,3          | 180 M4  |                      |
|                                               | 54,9                                          | 3029                                    | 2,28                                     |          | 27,3          | 180 M4  |                      |
|                                               | 64,4                                          | 2584                                    | 2,67                                     |          | 23,3          | 180 M4  |                      |
|                                               | 42,8                                          | 3967                                    | 2,12                                     | MHE 2180 | 23,4          | 200 LA6 | 186-187              |
|                                               | 64,2                                          | 2645                                    | 3,06                                     |          | 23,4          | 180 M4  |                      |
|                                               | 24,8                                          | 6718                                    | 1,13                                     | MHE 3160 | 40,4          | 200 LA6 | 202-203              |
|                                               | 24,8                                          | 6703                                    | 0,99                                     |          | 40,3          | 200 LA6 |                      |
|                                               | 26,4                                          | 6309                                    | 0,96                                     |          | 37,9          | 200 LA6 |                      |
|                                               | 27,3                                          | 6093                                    | 1,32                                     |          | 36,6          | 200 LA6 |                      |
|                                               | 27,7                                          | 6003                                    | 1,15                                     |          | 54,2          | 180 M4  |                      |
|                                               | 28,8                                          | 5776                                    | 1,06                                     |          | 52,1          | 180 M4  |                      |
|                                               | 30,4                                          | 5472                                    | 1,06                                     |          | 49,4          | 180 M4  |                      |
|                                               | 30,5                                          | 5456                                    | 1,23                                     |          | 32,8          | 200 LA6 |                      |
|                                               | 31,7                                          | 5249                                    | 1,40                                     |          | 47,4          | 180 M4  |                      |
|                                               | 32,0                                          | 5198                                    | 1,52                                     |          | 31,3          | 200 LA6 |                      |
|                                               | 32,5                                          | 5122                                    | 1,35                                     |          | 46,2          | 180 M4  |                      |
|                                               | 33,6                                          | 4949                                    | 1,32                                     |          | 29,8          | 200 LA6 |                      |
|                                               | 33,7                                          | 4930                                    | 1,18                                     |          | 44,5          | 180 M4  |                      |
|                                               | 35,5                                          | 4683                                    | 1,59                                     |          | 28,2          | 200 LA6 |                      |
|                                               | 37,1                                          | 4479                                    | 1,63                                     |          | 40,4          | 180 M4  |                      |
|                                               | 37,2                                          | 4469                                    | 1,43                                     |          | 40,3          | 180 M4  |                      |
|                                               | 39,4                                          | 4222                                    | 1,52                                     |          | 25,4          | 200 LA6 |                      |
|                                               | 39,5                                          | 4206                                    | 1,39                                     |          | 37,9          | 180 M4  |                      |
|                                               | 40,9                                          | 4062                                    | 1,90                                     |          | 36,6          | 180 M4  |                      |
|                                               | 41,6                                          | 3996                                    | 1,85                                     |          | 24,0          | 200 LA6 |                      |
|                                               | 43,7                                          | 3803                                    | 1,59                                     |          | 22,9          | 200 LA6 |                      |
|                                               | 45,7                                          | 3637                                    | 1,77                                     |          | 32,8          | 180 M4  |                      |
|                                               | 48,0                                          | 3465                                    | 2,19                                     |          | 31,3          | 180 M4  |                      |
|                                               | 50,4                                          | 3299                                    | 1,91                                     |          | 29,8          | 180 M4  |                      |
|                                               | 51,3                                          | 3244                                    | 1,85                                     |          | 19,5          | 200 LA6 |                      |
|                                               | 53,3                                          | 3122                                    | 2,29                                     |          | 28,2          | 180 M4  |                      |
|                                               | 59,1                                          | 2815                                    | 2,19                                     |          | 25,4          | 180 M4  |                      |
|                                               | 62,4                                          | 2664                                    | 2,67                                     |          | 24,0          | 180 M4  |                      |
|                                               | 65,6                                          | 2535                                    | 2,29                                     |          | 22,9          | 180 M4  |                      |
|                                               | 76,9                                          | 2163                                    | 2,67                                     |          | 19,5          | 180 M4  |                      |
|                                               | 42,1                                          | 4030                                    | 1,50                                     | MHE 2160 | 23,8          | 200 LA6 | 184-185              |
|                                               | 48,1                                          | 3524                                    | 1,74                                     |          | 20,8          | 200 LA6 |                      |
|                                               | 51,6                                          | 3290                                    | 2,04                                     |          | 19,4          | 200 LA6 |                      |
|                                               | 59,0                                          | 2878                                    | 2,31                                     |          | 17,0          | 200 LA6 |                      |
|                                               | 63,2                                          | 2687                                    | 2,16                                     |          | 23,8          | 180 M4  |                      |
| 18,5                                          | 66,5                                          | 2552                                    | 2,28                                     | MHE 2160 | 15,0          | 200 LA6 | 184-185              |
|                                               | 72,2                                          | 2349                                    | 2,51                                     |          |               | 180 M4  |                      |
|                                               | 77,4                                          | 2193                                    | 2,94                                     |          |               | 180 M4  |                      |
|                                               | 88,4                                          | 1919                                    | 3,34                                     |          |               | 180 M4  |                      |
|                                               | 99,7                                          | 1701                                    | 3,29                                     |          |               | 180 M4  |                      |
|                                               | 44,4                                          | 3746                                    | 1,08                                     | MHE 3140 | 33,8          | 180 M4  | 200-201              |
|                                               | 48,5                                          | 3429                                    | 1,01                                     |          | 30,9          | 180 M4  |                      |
|                                               | 58,8                                          | 2827                                    | 1,14                                     |          | 25,5          | 180 M4  |                      |
|                                               | 49,8                                          | 3405                                    | 1,28                                     | MHE 2140 | 20,1          | 200 LA6 | 182-183              |
|                                               | 60,9                                          | 2785                                    | 1,28                                     |          | 24,6          | 180 M4  |                      |
|                                               | 62,7                                          | 2705                                    | 1,61                                     |          | 15,9          | 200 LA6 |                      |
|                                               | 66,0                                          | 2571                                    | 1,64                                     |          | 15,2          | 200 LA6 |                      |
|                                               | 74,7                                          | 2270                                    | 1,85                                     |          | 20,1          | 180 M4  |                      |
|                                               | 83,1                                          | 2041                                    | 2,19                                     |          | 12,0          | 200 LA6 |                      |
|                                               | 94,1                                          | 1803                                    | 2,33                                     |          | 15,9          | 180 M4  |                      |
|                                               | 94,3                                          | 1799                                    | 2,32                                     |          | 10,6          | 200 LA6 |                      |
|                                               | 99,0                                          | 1714                                    | 2,36                                     |          | 15,2          | 180 M4  |                      |
|                                               | 103                                           | 1646                                    | 2,66                                     |          | 9,70          | 200 LA6 |                      |
|                                               | 125                                           | 1361                                    | 3,16                                     |          | 12,0          | 180 M4  |                      |
|                                               | 125                                           | 1357                                    | 3,18                                     |          | 8,00          | 200 LA6 |                      |
|                                               | 142                                           | 1199                                    | 3,35                                     |          | 10,6          | 180 M4  |                      |
|                                               | 155                                           | 1097                                    | 3,84                                     |          | 9,70          | 180 M4  |                      |
|                                               | 188                                           | 905                                     | 4,59                                     |          | 8,00          | 180 M4  |                      |
|                                               | 61,6                                          | 2756                                    | 1,06                                     | MHE 2125 | 16,2          | 200 LA6 | 180-181              |
|                                               | 63,2                                          | 2684                                    | 1,37                                     |          | 15,8          | 200 LA6 |                      |
|                                               | 64,2                                          | 2645                                    | 1,05                                     |          | 23,4          | 180 M4  |                      |
|                                               | 73,3                                          | 2313                                    | 1,20                                     |          | 20,5          | 180 M4  |                      |
|                                               | 79,6                                          | 2133                                    | 1,74                                     |          | 12,6          | 200 LA6 |                      |
|                                               | 80,8                                          | 2101                                    | 1,32                                     |          | 18,6          | 180 M4  |                      |
|                                               | 92,4                                          | 1837                                    | 1,52                                     |          | 16,2          | 180 M4  |                      |
|                                               | 92,6                                          | 1833                                    | 1,60                                     |          | 10,8          | 200 LA6 |                      |
|                                               | 94,8                                          | 1790                                    | 1,98                                     |          | 15,8          | 180 M4  |                      |
|                                               | 98,6                                          | 1721                                    | 2,16                                     |          | 10,1          | 200 LA6 |                      |
|                                               | 119                                           | 1422                                    | 2,50                                     |          | 12,6          | 180 M4  |                      |
|                                               | 120                                           | 1419                                    | 2,64                                     |          | 8,36          | 200 LA6 |                      |
|                                               | 128                                           | 1322                                    | 2,79                                     |          | 7,79          | 200 LA6 |                      |
|                                               | 139                                           | 1222                                    | 2,31                                     |          | 10,8          | 180 M4  |                      |
|                                               | 148                                           | 1147                                    | 3,12                                     |          | 10,1          | 180 M4  |                      |
|                                               | 156                                           | 1089                                    | 3,31                                     |          | 6,42          | 200 LA6 |                      |
|                                               | 179                                           | 946                                     | 3,81                                     |          | 8,36          | 180 M4  |                      |
|                                               | 193                                           | 881                                     | 4,03                                     |          | 7,79          | 180 M4  |                      |
|                                               | 234                                           | 726                                     | 4,78                                     |          | 6,42          | 180 M4  |                      |
|                                               | 8,11                                          | 24382                                   | 2,28                                     | MHE 3320 | 123           | 200 LB6 | 214-215              |
| 22                                            | 8,02                                          | 24663                                   | 1,52                                     | MHE 3280 | 125           | 200 LB6 | 212-213              |
|                                               | 9,55                                          | 20706                                   | 1,77                                     |          | 105           | 200 LB6 |                      |
|                                               | 10,0                                          | 19794                                   | 1,91                                     |          | 100           | 200 LB6 |                      |
|                                               | 11,9                                          | 16618                                   | 2,50                                     |          | 84,0          | 200 LB6 |                      |
|                                               | 12,0                                          | 16442                                   | 2,19                                     |          | 125           | 180 L4  |                      |
|                                               | 12,3                                          | 16031                                   | 2,21                                     |          | 81,1          | 200 LB6 |                      |
|                                               | 13,0                                          | 15177                                   | 2,35                                     |          | 76,8          | 200 LB6 |                      |
|                                               | 14,3                                          | 13804                                   | 2,55                                     |          | 105           | 180 L4  |                      |
|                                               | 15,0                                          | 13196                                   | 2,76                                     |          | 100           | 180 L4  |                      |
|                                               | 17,8                                          | 11079                                   | 3,61                                     |          | 84,0          | 180 L4  |                      |
|                                               | 18,5                                          | 10687                                   | 3,19                                     |          | 81,1          | 180 L4  |                      |
|                                               | 19,5                                          | 10118                                   | 3,39                                     |          | 76,8          | 180 L4  |                      |



| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 22                                            | 8,00                                          | 24712                                   | 1,06                                     | MHE 3250 | 125           | 200 LB6 | 210-211              |
|                                               | 9,53                                          | 20747                                   | 1,23                                     |          | 105           | 200 LB6 |                      |
|                                               | 10,0                                          | 19774                                   | 1,48                                     |          | 100           | 200 LB6 |                      |
|                                               | 11,9                                          | 16603                                   | 1,72                                     |          | 84,0          | 200 LB6 |                      |
|                                               | 12,0                                          | 16475                                   | 1,52                                     |          | 125           | 180 L4  |                      |
|                                               | 12,3                                          | 16124                                   | 1,76                                     |          | 81,5          | 200 LB6 |                      |
|                                               | 13,0                                          | 15209                                   | 1,63                                     |          | 76,9          | 200 LB6 |                      |
|                                               | 14,3                                          | 13832                                   | 1,77                                     |          | 105           | 180 L4  |                      |
|                                               | 14,6                                          | 13538                                   | 2,04                                     |          | 68,5          | 200 LB6 |                      |
|                                               | 15,0                                          | 13183                                   | 2,13                                     |          | 100           | 180 L4  |                      |
|                                               | 15,1                                          | 13099                                   | 1,91                                     |          | 66,2          | 200 LB6 |                      |
|                                               | 15,5                                          | 12768                                   | 1,95                                     |          | 64,6          | 200 LB6 |                      |
|                                               | 16,0                                          | 12347                                   | 2,35                                     |          | 62,4          | 200 LB6 |                      |
|                                               | 16,2                                          | 12169                                   | 2,28                                     |          | 61,5          | 200 LB6 |                      |
|                                               | 17,9                                          | 11068                                   | 2,48                                     |          | 84,0          | 180 L4  |                      |
|                                               | 18,4                                          | 10749                                   | 2,54                                     |          | 81,5          | 180 L4  |                      |
|                                               | 19,5                                          | 10139                                   | 2,36                                     |          | 76,9          | 180 L4  |                      |
|                                               | 20,0                                          | 9885                                    | 2,52                                     |          | 50,0          | 200 LB6 |                      |
|                                               | 21,9                                          | 9025                                    | 2,95                                     |          | 68,5          | 180 L4  |                      |
|                                               | 22,6                                          | 8732                                    | 2,75                                     |          | 66,2          | 180 L4  |                      |
|                                               | 23,2                                          | 8512                                    | 2,81                                     |          | 64,6          | 180 L4  |                      |
|                                               | 24,0                                          | 8231                                    | 3,39                                     |          | 62,4          | 180 L4  |                      |
|                                               | 24,4                                          | 8113                                    | 3,28                                     |          | 61,5          | 180 L4  |                      |
|                                               | 11,1                                          | 17841                                   | 1,05                                     | MHE 3225 | 90,2          | 200 LB6 | 208-209              |
|                                               | 11,7                                          | 16964                                   | 1,09                                     |          | 85,8          | 200 LB6 |                      |
|                                               | 11,8                                          | 16699                                   | 0,96                                     |          | 127           | 180 L4  |                      |
|                                               | 12,3                                          | 16083                                   | 1,07                                     |          | 81,3          | 200 LB6 |                      |
|                                               | 14,3                                          | 13836                                   | 1,19                                     |          | 105           | 180 L4  |                      |
|                                               | 14,3                                          | 13826                                   | 1,30                                     |          | 69,9          | 200 LB6 |                      |
|                                               | 15,0                                          | 13157                                   | 1,25                                     |          | 99,8          | 180 L4  |                      |
|                                               | 16,0                                          | 12361                                   | 1,40                                     |          | 62,5          | 200 LB6 |                      |
|                                               | 16,6                                          | 11894                                   | 1,51                                     |          | 90,2          | 180 L4  |                      |
|                                               | 17,5                                          | 11310                                   | 1,58                                     |          | 85,8          | 180 L4  |                      |
|                                               | 18,4                                          | 10722                                   | 1,69                                     |          | 54,2          | 200 LB6 |                      |
|                                               | 18,4                                          | 10722                                   | 1,54                                     |          | 81,3          | 180 L4  |                      |
|                                               | 18,6                                          | 10625                                   | 1,70                                     |          | 53,7          | 200 LB6 |                      |
|                                               | 19,4                                          | 10198                                   | 1,48                                     |          | 51,6          | 200 LB6 |                      |
|                                               | 21,5                                          | 9218                                    | 1,88                                     |          | 69,9          | 180 L4  |                      |
|                                               | 22,7                                          | 8707                                    | 2,09                                     |          | 44,0          | 200 LB6 |                      |
|                                               | 24,0                                          | 8241                                    | 2,01                                     |          | 62,5          | 180 L4  |                      |
|                                               | 24,0                                          | 8240                                    | 2,20                                     |          | 41,7          | 200 LB6 |                      |
|                                               | 25,0                                          | 7908                                    | 2,11                                     |          | 40,0          | 200 LB6 |                      |
|                                               | 27,7                                          | 7148                                    | 2,43                                     |          | 54,2          | 180 L4  |                      |
|                                               | 27,9                                          | 7083                                    | 2,46                                     |          | 53,7          | 180 L4  |                      |
|                                               | 29,1                                          | 6798                                    | 2,14                                     |          | 51,6          | 180 L4  |                      |
|                                               | 30,8                                          | 6423                                    | 2,34                                     |          | 32,5          | 200 LB6 |                      |
|                                               | 34,1                                          | 5804                                    | 3,01                                     |          | 44,0          | 180 L4  |                      |
|                                               | 36,0                                          | 5493                                    | 3,18                                     |          | 41,7          | 180 L4  |                      |
|                                               | 37,5                                          | 5272                                    | 3,04                                     |          | 40,0          | 180 L4  |                      |
|                                               | 15,1                                          | 13126                                   | 0,97                                     | MHE 3200 | 99,6          | 180 L4  | 206-207              |
|                                               | 15,9                                          | 12422                                   | 1,06                                     |          | 62,8          | 200 LB6 |                      |
|                                               | 16,7                                          | 11866                                   | 1,07                                     |          | 90,0          | 180 L4  |                      |
|                                               | 17,5                                          | 11283                                   | 1,13                                     |          | 85,6          | 180 L4  |                      |
|                                               | 18,5                                          | 10687                                   | 1,18                                     |          | 81,1          | 180 L4  |                      |
|                                               | 18,5                                          | 10680                                   | 1,46                                     |          | 54,0          | 200 LB6 |                      |
| 22                                            | 19,5                                          | 10163                                   | 1,25                                     | MHE 3200 |               |         | 206-207              |
|                                               | 20,7                                          | 9547                                    | 1,39                                     |          |               |         |                      |
|                                               | 21,5                                          | 9196                                    | 1,37                                     |          |               |         |                      |
|                                               | 23,9                                          | 8282                                    | 1,80                                     |          |               |         |                      |
|                                               | 23,9                                          | 8282                                    | 1,53                                     |          |               |         |                      |
|                                               | 26,5                                          | 7459                                    | 1,39                                     |          |               |         |                      |
|                                               | 27,8                                          | 7120                                    | 2,11                                     |          |               |         |                      |
|                                               | 29,4                                          | 6725                                    | 2,11                                     |          |               |         |                      |
|                                               | 31,1                                          | 6365                                    | 2,21                                     |          |               |         |                      |
|                                               | 31,1                                          | 6365                                    | 2,01                                     |          |               |         |                      |
|                                               | 35,8                                          | 5521                                    | 2,59                                     |          |               |         |                      |
|                                               | 38,3                                          | 5169                                    | 2,25                                     |          |               |         |                      |
|                                               | 39,8                                          | 4973                                    | 2,01                                     |          |               |         |                      |
|                                               | 44,1                                          | 4484                                    | 3,04                                     |          |               |         |                      |
|                                               | 46,6                                          | 4244                                    | 3,18                                     |          |               |         |                      |
|                                               | 57,4                                          | 3446                                    | 3,25                                     |          |               |         |                      |
|                                               | 42,8                                          | 4718                                    | 2,47                                     | MHE 2200 |               |         | 188-189              |
|                                               | 21,1                                          | 9361                                    | 1,03                                     |          |               |         |                      |
|                                               | 21,4                                          | 9223                                    | 0,96                                     |          |               |         |                      |
|                                               | 22,8                                          | 8659                                    | 1,05                                     |          |               |         |                      |
|                                               | 24,5                                          | 8064                                    | 1,15                                     |          |               |         |                      |
|                                               | 24,8                                          | 7987                                    | 1,22                                     |          |               |         |                      |
|                                               | 26,3                                          | 7510                                    | 1,17                                     |          |               |         |                      |
|                                               | 26,8                                          | 7388                                    | 1,19                                     |          |               |         |                      |
|                                               | 28,1                                          | 7028                                    | 1,11                                     |          |               |         |                      |
|                                               | 28,7                                          | 6880                                    | 1,35                                     |          |               |         |                      |
|                                               | 31,7                                          | 6241                                    | 1,49                                     |          |               |         |                      |
|                                               | 32,7                                          | 6055                                    | 1,30                                     |          |               |         |                      |
|                                               | 33,0                                          | 5996                                    | 1,28                                     |          |               |         |                      |
|                                               | 34,3                                          | 5773                                    | 1,52                                     |          |               |         |                      |
|                                               | 36,6                                          | 5402                                    | 1,33                                     |          |               |         |                      |
|                                               | 37,1                                          | 5325                                    | 1,76                                     |          |               |         |                      |
|                                               | 40,1                                          | 4925                                    | 1,72                                     |          |               |         |                      |
|                                               | 42,2                                          | 4685                                    | 1,60                                     |          |               |         |                      |
|                                               | 42,9                                          | 4609                                    | 1,56                                     |          |               |         |                      |
|                                               | 49,5                                          | 3997                                    | 1,84                                     |          |               |         |                      |
|                                               | 54,9                                          | 3602                                    | 1,92                                     |          |               |         |                      |
|                                               | 64,4                                          | 3073                                    | 2,25                                     |          |               |         |                      |
|                                               | 42,8                                          | 4718                                    | 1,79                                     | MHE 2180 |               |         | 186-187              |
|                                               | 48,9                                          | 4126                                    | 2,26                                     |          |               |         |                      |
|                                               | 51,5                                          | 3921                                    | 2,32                                     |          |               |         |                      |
|                                               | 64,2                                          | 3145                                    | 2,58                                     |          |               |         |                      |
|                                               | 73,3                                          | 2751                                    | 3,25                                     |          |               |         |                      |
|                                               | 77,2                                          | 2614                                    | 3,35                                     |          |               |         |                      |
|                                               | 27,3                                          | 7245                                    | 1,11                                     | MHE 3160 |               |         | 202-203              |
|                                               | 27,7                                          | 7139                                    | 0,96                                     |          |               |         |                      |
|                                               | 30,5                                          | 6488                                    | 1,03                                     |          |               |         |                      |
|                                               | 31,7                                          | 6242                                    | 1,18                                     |          |               |         |                      |
|                                               | 32,0                                          | 6181                                    | 1,28                                     |          |               |         |                      |
|                                               | 32,5                                          | 6091                                    | 1,13                                     |          |               |         |                      |
|                                               | 33,6                                          | 5885                                    | 1,11                                     |          |               |         |                      |
|                                               | 33,7                                          | 5862                                    | 0,99                                     |          |               |         |                      |
|                                               | 35,5                                          | 5568                                    | 1,34                                     |          |               |         |                      |
|                                               | 37,1                                          | 5326                                    | 1,37                                     |          |               |         |                      |
|                                               | 37,2                                          | 5314                                    | 1,20                                     |          |               |         |                      |





| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 22                                            | 39,4                                          | 5021                                    | 1,28                                     | MHE 3160 | 25,4          | 200 LB6 | 202-203              |
|                                               | 39,5                                          | 5002                                    | 1,17                                     |          | 37,9          | 180 L4  |                      |
|                                               | 40,9                                          | 4830                                    | 1,60                                     |          | 36,6          | 180 L4  |                      |
|                                               | 41,6                                          | 4752                                    | 1,56                                     |          | 24,0          | 200 LB6 |                      |
|                                               | 43,7                                          | 4522                                    | 1,33                                     |          | 22,9          | 200 LB6 |                      |
|                                               | 45,7                                          | 4325                                    | 1,49                                     |          | 32,8          | 180 L4  |                      |
|                                               | 48,0                                          | 4121                                    | 1,84                                     |          | 31,3          | 180 L4  |                      |
|                                               | 50,4                                          | 3923                                    | 1,61                                     |          | 29,8          | 180 L4  |                      |
|                                               | 51,3                                          | 3858                                    | 1,56                                     |          | 19,5          | 200 LB6 |                      |
|                                               | 53,3                                          | 3712                                    | 1,93                                     |          | 28,2          | 180 L4  |                      |
|                                               | 59,1                                          | 3347                                    | 1,84                                     |          | 25,4          | 180 L4  |                      |
|                                               | 62,4                                          | 3168                                    | 2,25                                     |          | 24,0          | 180 L4  |                      |
|                                               | 65,6                                          | 3015                                    | 1,92                                     |          | 22,9          | 180 L4  |                      |
|                                               | 76,9                                          | 2572                                    | 2,25                                     |          | 19,5          | 180 L4  |                      |
|                                               | 42,1                                          | 4792                                    | 1,26                                     | MHE 2160 | 23,8          | 200 LB6 | 184-185              |
|                                               | 48,1                                          | 4191                                    | 1,46                                     |          | 20,8          | 200 LB6 |                      |
|                                               | 51,6                                          | 3913                                    | 1,71                                     |          | 19,4          | 200 LB6 |                      |
|                                               | 59,0                                          | 3422                                    | 1,94                                     |          | 17,0          | 200 LB6 |                      |
|                                               | 63,2                                          | 3195                                    | 1,82                                     |          | 23,8          | 180 L4  |                      |
|                                               | 66,5                                          | 3035                                    | 1,92                                     |          | 15,0          | 200 LB6 |                      |
|                                               | 72,2                                          | 2794                                    | 2,11                                     |          | 20,8          | 180 L4  |                      |
|                                               | 77,4                                          | 2608                                    | 2,47                                     |          | 19,4          | 180 L4  |                      |
|                                               | 81,0                                          | 2492                                    | 2,50                                     |          | 12,4          | 200 LB6 |                      |
|                                               | 88,4                                          | 2281                                    | 2,81                                     |          | 17,0          | 180 L4  |                      |
|                                               | 99,7                                          | 2023                                    | 2,77                                     |          | 15,0          | 180 L4  |                      |
|                                               | 49,8                                          | 4050                                    | 1,08                                     | MHE 2140 | 20,1          | 200 LB6 | 182-183              |
|                                               | 60,9                                          | 3312                                    | 1,07                                     |          | 24,6          | 180 L4  |                      |
|                                               | 62,7                                          | 3216                                    | 1,36                                     |          | 15,9          | 200 LB6 |                      |
|                                               | 66,0                                          | 3057                                    | 1,38                                     |          | 15,2          | 200 LB6 |                      |
|                                               | 74,7                                          | 2700                                    | 1,56                                     |          | 20,1          | 180 L4  |                      |
|                                               | 83,1                                          | 2427                                    | 1,84                                     |          | 12,0          | 200 LB6 |                      |
|                                               | 94,1                                          | 2144                                    | 1,96                                     |          | 15,9          | 180 L4  |                      |
|                                               | 94,3                                          | 2139                                    | 1,95                                     |          | 10,6          | 200 LB6 |                      |
|                                               | 99,0                                          | 2038                                    | 1,99                                     |          | 15,2          | 180 L4  |                      |
|                                               | 103                                           | 1957                                    | 2,24                                     |          | 9,70          | 200 LB6 |                      |
|                                               | 125                                           | 1618                                    | 2,66                                     |          | 12,0          | 180 L4  |                      |
|                                               | 125                                           | 1614                                    | 2,67                                     |          | 8,00          | 200 LB6 |                      |
|                                               | 142                                           | 1426                                    | 2,82                                     |          | 10,6          | 180 L4  |                      |
|                                               | 155                                           | 1305                                    | 3,23                                     |          | 9,70          | 180 L4  |                      |
|                                               | 188                                           | 1076                                    | 3,86                                     |          | 8,00          | 180 L4  |                      |
|                                               | 63,2                                          | 3192                                    | 1,15                                     | MHE 2125 | 15,8          | 200 LB6 | 180-181              |
|                                               | 73,3                                          | 2751                                    | 1,01                                     |          | 20,5          | 180 L4  |                      |
|                                               | 79,6                                          | 2536                                    | 1,46                                     |          | 12,6          | 200 LB6 |                      |
|                                               | 80,8                                          | 2498                                    | 1,11                                     |          | 18,6          | 180 L4  |                      |
|                                               | 92,4                                          | 2185                                    | 1,28                                     |          | 16,2          | 180 L4  |                      |
|                                               | 92,6                                          | 2179                                    | 1,35                                     |          | 10,8          | 200 LB6 |                      |
|                                               | 94,8                                          | 2128                                    | 1,66                                     |          | 15,8          | 180 L4  |                      |
|                                               | 98,6                                          | 2046                                    | 1,82                                     |          | 10,1          | 200 LB6 |                      |
|                                               | 119                                           | 1691                                    | 2,11                                     |          | 12,6          | 180 L4  |                      |
|                                               | 120                                           | 1687                                    | 2,22                                     |          | 8,36          | 200 LB6 |                      |
|                                               | 128                                           | 1572                                    | 2,35                                     |          | 7,79          | 200 LB6 |                      |
|                                               | 139                                           | 1453                                    | 1,94                                     |          | 10,8          | 180 L4  |                      |
|                                               | 148                                           | 1364                                    | 2,62                                     |          | 10,1          | 180 L4  |                      |
|                                               | 156                                           | 1295                                    | 2,79                                     |          | 6,42          | 200 LB6 |                      |
|                                               | 179                                           | 1125                                    | 3,20                                     |          | 8,36          | 180 L4  |                      |

| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | Rapporto | Motore | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|----------|--------|----------------------|
| 22                                            | 193                                           | 1048                                    | 3,39                                     | MHE 2125 | 7,79     | 180 L4 | 180-181              |
|                                               | 234                                           | 864                                     | 4,02                                     |          | 6,42     | 180 L4 |                      |
|                                               | 8,22                                          | 32800                                   | 2,25                                     | MHE 3360 | 122      | 225 M6 | 216-217              |
|                                               | 8,11                                          | 33248                                   | 1,67                                     | MHE 3320 | 123      | 225 M6 | 214-215              |
|                                               | 9,84                                          | 27407                                   | 2,15                                     |          | 102      | 225 M6 |                      |
|                                               | 10,1                                          | 26607                                   | 2,02                                     |          | 98,7     | 225 M6 |                      |
|                                               | 12,2                                          | 22165                                   | 2,41                                     |          | 123      | 200 L4 |                      |
|                                               | 12,3                                          | 21931                                   | 2,50                                     |          | 81,3     | 225 M6 |                      |
|                                               | 13,2                                          | 20375                                   | 2,58                                     |          | 75,6     | 225 M6 |                      |
|                                               | 14,8                                          | 18272                                   | 3,10                                     |          | 102      | 200 L4 |                      |
|                                               | 15,2                                          | 17738                                   | 2,92                                     |          | 98,7     | 200 L4 |                      |
|                                               | 8,02                                          | 33631                                   | 1,11                                     | MHE 3280 | 125      | 225 M6 | 212-213              |
|                                               | 9,55                                          | 28235                                   | 1,30                                     |          | 105      | 225 M6 |                      |
|                                               | 10,0                                          | 26992                                   | 1,40                                     |          | 100      | 225 M6 |                      |
|                                               | 11,9                                          | 22662                                   | 1,84                                     |          | 84,0     | 225 M6 |                      |
|                                               | 12,0                                          | 22421                                   | 1,61                                     |          | 125      | 200 L4 |                      |
|                                               | 12,3                                          | 21861                                   | 1,62                                     |          | 81,1     | 225 M6 |                      |
|                                               | 13,0                                          | 20696                                   | 1,72                                     |          | 76,8     | 225 M6 |                      |
|                                               | 14,3                                          | 18823                                   | 1,87                                     |          | 105      | 200 L4 |                      |
|                                               | 14,6                                          | 18479                                   | 2,19                                     |          | 68,5     | 225 M6 |                      |
|                                               | 15,0                                          | 17995                                   | 2,02                                     |          | 100      | 200 L4 |                      |
|                                               | 15,1                                          | 17824                                   | 2,00                                     |          | 66,1     | 225 M6 |                      |
|                                               | 15,5                                          | 17390                                   | 2,05                                     |          | 64,5     | 225 M6 |                      |
|                                               | 16,2                                          | 16611                                   | 2,30                                     |          | 61,6     | 225 M6 |                      |
|                                               | 17,8                                          | 15108                                   | 2,65                                     |          | 84,0     | 200 L4 |                      |
|                                               | 18,5                                          | 14574                                   | 2,34                                     |          | 81,1     | 200 L4 |                      |
|                                               | 18,6                                          | 14483                                   | 2,56                                     |          | 53,7     | 225 M6 |                      |
|                                               | 19,5                                          | 13797                                   | 2,48                                     |          | 76,8     | 200 L4 |                      |
|                                               | 21,9                                          | 12319                                   | 3,16                                     |          | 68,5     | 200 L4 |                      |
|                                               | 22,7                                          | 11883                                   | 2,88                                     | MHE 3250 | 66,1     | 200 L4 | 210-211              |
|                                               | 23,3                                          | 11593                                   | 2,95                                     |          | 64,5     | 200 L4 |                      |
|                                               | 10,0                                          | 26965                                   | 1,08                                     |          | 100      | 225 M6 |                      |
|                                               | 11,9                                          | 22640                                   | 1,26                                     |          | 84,0     | 225 M6 |                      |
|                                               | 12,0                                          | 22466                                   | 1,12                                     |          | 125      | 200 L4 |                      |
|                                               | 12,3                                          | 21987                                   | 1,29                                     |          | 81,5     | 225 M6 |                      |
|                                               | 13,0                                          | 20739                                   | 1,20                                     |          | 76,9     | 225 M6 |                      |
|                                               | 14,3                                          | 18861                                   | 1,30                                     |          | 105      | 200 L4 |                      |
|                                               | 14,6                                          | 18460                                   | 1,50                                     |          | 68,5     | 225 M6 |                      |
|                                               | 15,0                                          | 17977                                   | 1,56                                     |          | 100      | 200 L4 |                      |
|                                               | 15,1                                          | 17862                                   | 1,40                                     |          | 66,2     | 225 M6 |                      |
|                                               | 15,5                                          | 17411                                   | 1,43                                     |          | 64,6     | 225 M6 |                      |
|                                               | 16,0                                          | 16837                                   | 1,72                                     |          | 62,4     | 225 M6 |                      |
|                                               | 16,2                                          | 16594                                   | 1,67                                     |          | 61,5     | 225 M6 |                      |
|                                               | 17,9                                          | 15093                                   | 1,82                                     |          | 84,0     | 200 L4 |                      |
|                                               | 18,4                                          | 14658                                   | 1,86                                     |          | 81,5     | 200 L4 |                      |
|                                               | 19,1                                          | 14138                                   | 2,12                                     |          | 52,4     | 225 M6 |                      |
|                                               | 19,5                                          | 13826                                   | 1,73                                     |          | 76,9     | 200 L4 |                      |
|                                               | 20,0                                          | 13480                                   | 1,85                                     |          | 50,0     | 225 M6 |                      |
|                                               | 21,2                                          | 12709                                   | 2,29                                     |          | 47,1     | 225 M6 |                      |
|                                               | 21,9                                          | 12307                                   | 2,16                                     |          | 68,5     | 200 L4 |                      |
|                                               | 22,6                                          | 11908                                   | 2,02                                     |          | 66,2     | 200 L4 |                      |
|                                               | 23,2                                          | 11608                                   | 2,06                                     |          | 64,6     | 200 L4 |                      |
|                                               | 23,5                                          | 11468                                   | 2,55                                     |          | 42,5     | 225 M6 |                      |
|                                               | 24,0                                          | 11225                                   | 2,49                                     |          | 62,4     | 200 L4 |                      |
|                                               | 24,4                                          | 11063                                   | 2,41                                     |          | 61,5     | 200 L4 |                      |





| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|--------|----------------------|
| 30                                            | 28,6                                          | 9425                                    | 3,06                                     | MHE 3250 | 52,4          | 200 L4 | 210-211              |
|                                               | 30,0                                          | 8987                                    | 2,67                                     |          | 50,0          | 200 L4 |                      |
|                                               | 14,3                                          | 18854                                   | 0,95                                     | MHE 3225 | 69,9          | 225 M6 | 208-209              |
|                                               | 16,0                                          | 16856                                   | 1,02                                     |          | 62,5          | 225 M6 |                      |
|                                               | 16,6                                          | 16219                                   | 1,11                                     |          | 90,2          | 200 L4 |                      |
|                                               | 17,5                                          | 15422                                   | 1,16                                     |          | 85,8          | 200 L4 |                      |
|                                               | 18,4                                          | 14621                                   | 1,24                                     |          | 54,2          | 225 M6 |                      |
|                                               | 18,4                                          | 14621                                   | 1,13                                     |          | 81,3          | 200 L4 |                      |
|                                               | 18,6                                          | 14488                                   | 1,25                                     |          | 53,7          | 225 M6 |                      |
|                                               | 19,4                                          | 13906                                   | 1,09                                     |          | 51,6          | 225 M6 |                      |
|                                               | 21,5                                          | 12569                                   | 1,38                                     |          | 69,9          | 200 L4 |                      |
|                                               | 22,7                                          | 11873                                   | 1,53                                     |          | 44,0          | 225 M6 |                      |
|                                               | 24,0                                          | 11237                                   | 1,48                                     |          | 62,5          | 200 L4 |                      |
|                                               | 24,0                                          | 11236                                   | 1,62                                     |          | 41,7          | 225 M6 |                      |
|                                               | 25,0                                          | 10783                                   | 1,55                                     |          | 40,0          | 225 M6 |                      |
|                                               | 27,7                                          | 9747                                    | 1,79                                     |          | 54,2          | 200 L4 |                      |
|                                               | 27,9                                          | 9659                                    | 1,80                                     |          | 53,7          | 200 L4 |                      |
|                                               | 29,1                                          | 9271                                    | 1,57                                     |          | 51,6          | 200 L4 |                      |
|                                               | 29,6                                          | 9122                                    | 2,00                                     |          | 33,8          | 225 M6 |                      |
|                                               | 30,8                                          | 8758                                    | 1,72                                     |          | 32,5          | 225 M6 |                      |
|                                               | 32,5                                          | 8289                                    | 1,97                                     |          | 30,7          | 225 M6 |                      |
|                                               | 34,1                                          | 7915                                    | 2,21                                     |          | 44,0          | 200 L4 |                      |
|                                               | 36,0                                          | 7491                                    | 2,33                                     |          | 41,7          | 200 L4 |                      |
|                                               | 37,5                                          | 7189                                    | 2,23                                     |          | 40,0          | 200 L4 |                      |
|                                               | 40,1                                          | 6731                                    | 2,25                                     |          | 25,0          | 225 M6 |                      |
|                                               | 44,3                                          | 6082                                    | 2,88                                     |          | 33,8          | 200 L4 |                      |
|                                               | 46,2                                          | 5839                                    | 2,47                                     |          | 32,5          | 200 L4 |                      |
|                                               | 48,8                                          | 5526                                    | 2,84                                     |          | 30,7          | 200 L4 |                      |
|                                               | 60,1                                          | 4487                                    | 3,24                                     |          | 25,0          | 200 L4 |                      |
|                                               | 42,1                                          | 6535                                    | 2,46                                     | MHE 2225 | 23,8          | 225 M6 | 190-191              |
|                                               | 18,5                                          | 14564                                   | 1,07                                     | MHE 3200 | 54,0          | 225 M6 | 206-207              |
|                                               | 20,7                                          | 13019                                   | 1,02                                     |          | 48,3          | 225 M6 |                      |
|                                               | 21,5                                          | 12541                                   | 1,00                                     |          | 69,8          | 200 L4 |                      |
|                                               | 23,9                                          | 11293                                   | 1,32                                     |          | 41,9          | 225 M6 |                      |
|                                               | 23,9                                          | 11293                                   | 1,12                                     |          | 62,8          | 200 L4 |                      |
|                                               | 26,5                                          | 10171                                   | 1,02                                     |          | 37,7          | 225 M6 |                      |
|                                               | 27,8                                          | 9709                                    | 1,54                                     |          | 54,0          | 200 L4 |                      |
|                                               | 29,4                                          | 9171                                    | 1,55                                     |          | 34,0          | 225 M6 |                      |
|                                               | 31,1                                          | 8680                                    | 1,62                                     |          | 32,2          | 225 M6 |                      |
|                                               | 31,1                                          | 8679                                    | 1,47                                     |          | 48,3          | 200 L4 |                      |
|                                               | 35,8                                          | 7529                                    | 1,90                                     |          | 41,9          | 200 L4 |                      |
|                                               | 38,3                                          | 7049                                    | 1,65                                     |          | 26,1          | 225 M6 |                      |
|                                               | 39,8                                          | 6781                                    | 1,47                                     |          | 37,7          | 200 L4 |                      |
|                                               | 44,1                                          | 6114                                    | 2,23                                     |          | 34,0          | 200 L4 |                      |
|                                               | 46,6                                          | 5787                                    | 2,33                                     |          | 32,2          | 200 L4 |                      |
|                                               | 49,0                                          | 5506                                    | 2,25                                     |          | 20,4          | 225 M6 |                      |
|                                               | 57,4                                          | 4699                                    | 2,38                                     |          | 26,1          | 200 L4 |                      |
|                                               | 73,5                                          | 3671                                    | 3,25                                     |          | 20,4          | 200 L4 |                      |
|                                               | 42,8                                          | 6433                                    | 1,81                                     | MHE 2200 | 23,4          | 225 M6 | 188-189              |
|                                               | 49,8                                          | 5531                                    | 2,12                                     |          | 20,1          | 225 M6 |                      |
|                                               | 50,9                                          | 5401                                    | 2,36                                     |          | 19,6          | 225 M6 |                      |
|                                               | 64,2                                          | 4289                                    | 2,61                                     |          | 23,4          | 200 L4 |                      |
|                                               | 74,6                                          | 3687                                    | 3,05                                     |          | 20,1          | 200 L4 |                      |
|                                               | 28,7                                          | 9382                                    | 0,99                                     | MHE 3180 | 52,2          | 200 L4 | 204-205              |
|                                               | 31,7                                          | 8510                                    | 1,09                                     |          | 47,3          | 200 L4 |                      |
| 30                                            | 32,7                                          | 8257                                    | 0,95                                     | MHE 3180 |               | 200 L4 | 204-205              |
|                                               | 34,3                                          | 7872                                    | 1,11                                     |          |               | 200 L4 |                      |
|                                               | 36,6                                          | 7367                                    | 0,97                                     |          |               | 225 M6 |                      |
|                                               | 37,1                                          | 7261                                    | 1,29                                     |          |               | 200 L4 |                      |
|                                               | 40,1                                          | 6716                                    | 1,26                                     |          |               | 200 L4 |                      |
|                                               | 42,2                                          | 6389                                    | 1,17                                     |          |               | 200 L4 |                      |
|                                               | 42,9                                          | 6286                                    | 1,14                                     |          |               | 225 M6 |                      |
|                                               | 49,5                                          | 5451                                    | 1,35                                     |          |               | 200 L4 |                      |
|                                               | 54,9                                          | 4911                                    | 1,40                                     |          |               | 200 L4 |                      |
|                                               | 64,4                                          | 4190                                    | 1,65                                     |          |               | 200 L4 |                      |
|                                               | 42,8                                          | 6433                                    | 1,31                                     | MHE 2180 |               | 225 M6 | 186-187              |
|                                               | 48,9                                          | 5627                                    | 1,65                                     |          |               | 225 M6 |                      |
|                                               | 51,5                                          | 5346                                    | 1,70                                     |          |               | 225 M6 |                      |
|                                               | 58,9                                          | 4675                                    | 1,94                                     |          |               | 225 M6 |                      |
|                                               | 63,2                                          | 4353                                    | 2,15                                     |          |               | 225 M6 |                      |
|                                               | 64,2                                          | 4289                                    | 1,89                                     |          |               | 200 L4 |                      |
|                                               | 73,3                                          | 3751                                    | 2,39                                     |          |               | 200 L4 |                      |
|                                               | 76,0                                          | 3618                                    | 2,62                                     |          |               | 225 M6 |                      |
|                                               | 77,2                                          | 3564                                    | 2,45                                     |          |               | 200 L4 |                      |
|                                               | 88,3                                          | 3117                                    | 2,79                                     |          |               | 200 L4 |                      |
|                                               | 37,1                                          | 7263                                    | 1,01                                     | MHE 3160 |               | 200 L4 | 202-203              |
|                                               | 40,9                                          | 6587                                    | 1,17                                     |          |               | 200 L4 |                      |
|                                               | 41,6                                          | 6480                                    | 1,14                                     |          |               | 225 M6 |                      |
|                                               | 43,7                                          | 6167                                    | 0,98                                     |          |               | 225 M6 |                      |
|                                               | 45,7                                          | 5898                                    | 1,09                                     |          |               | 200 L4 |                      |
|                                               | 48,0                                          | 5620                                    | 1,35                                     |          |               | 200 L4 |                      |
|                                               | 50,4                                          | 5350                                    | 1,18                                     |          |               | 200 L4 |                      |
|                                               | 51,3                                          | 5261                                    | 1,14                                     |          |               | 225 M6 |                      |
|                                               | 53,3                                          | 5062                                    | 1,41                                     |          |               | 200 L4 |                      |
|                                               | 59,1                                          | 4564                                    | 1,35                                     |          |               | 200 L4 |                      |
|                                               | 62,4                                          | 4320                                    | 1,65                                     | MHE 2160 |               | 200 L4 | 184-185              |
|                                               | 65,6                                          | 4111                                    | 1,41                                     |          |               | 200 L4 |                      |
|                                               | 76,9                                          | 3507                                    | 1,65                                     |          |               | 200 L4 |                      |
|                                               | 48,1                                          | 5715                                    | 1,07                                     |          |               | 225 M6 |                      |
|                                               | 51,6                                          | 5335                                    | 1,26                                     |          |               | 225 M6 |                      |
|                                               | 59,0                                          | 4667                                    | 1,43                                     |          |               | 225 M6 |                      |
|                                               | 63,2                                          | 4357                                    | 1,33                                     |          |               | 200 L4 |                      |
|                                               | 66,5                                          | 4138                                    | 1,41                                     |          |               | 225 M6 |                      |
|                                               | 72,2                                          | 3810                                    | 1,55                                     |          |               | 200 L4 |                      |
|                                               | 76,0                                          | 3618                                    | 2,24                                     |          |               | 225 M6 |                      |
|                                               | 77,4                                          | 3557                                    | 1,81                                     | MHE 2140 |               | 200 L4 | 182-183              |
|                                               | 81,0                                          | 3398                                    | 1,84                                     |          |               | 225 M6 |                      |
|                                               | 88,4                                          | 3111                                    | 2,06                                     |          |               | 200 L4 |                      |
|                                               | 99,7                                          | 2759                                    | 2,03                                     |          |               | 200 L4 |                      |
|                                               | 114                                           | 2412                                    | 3,23                                     |          |               | 200 L4 |                      |
|                                               | 74,7                                          | 3682                                    | 1,14                                     |          |               | 200 L4 |                      |
|                                               | 94,1                                          | 2924                                    | 1,44                                     |          |               | 200 L4 |                      |
|                                               | 99,0                                          | 2779                                    | 1,46                                     |          |               | 200 L4 |                      |
|                                               | 125                                           | 2207                                    | 1,95                                     |          |               | 200 L4 |                      |
|                                               | 142                                           | 1944                                    | 2,07                                     |          |               | 200 L4 |                      |
|                                               | 155                                           | 1779                                    | 2,37                                     | MHE 2125 |               | 200 L4 | 180-181              |
|                                               | 188                                           | 1467                                    | 2,83                                     |          |               | 200 L4 |                      |
|                                               | 94,8                                          | 2902                                    | 1,22                                     |          |               | 200 L4 |                      |
|                                               | 119                                           | 2306                                    | 1,54                                     |          |               | 200 L4 |                      |
|                                               | 139                                           | 1981                                    | 1,43                                     |          |               | 200 L4 |                      |



| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|--------|----------------------|
| 30                                            | 148                                           | 1860                                    | 1,92                                     | MHE 2125 | 10,1          | 200 L4 | 180-181              |
|                                               | 179                                           | 1534                                    | 2,35                                     |          | 8,36          | 200 L4 |                      |
|                                               | 193                                           | 1429                                    | 2,48                                     |          | 7,79          | 200 L4 |                      |
|                                               | 234                                           | 1178                                    | 2,95                                     |          | 6,42          | 200 L4 |                      |
| 37                                            | 8,22                                          | 40454                                   | 1,83                                     | MHE 3360 | 122           | 250 M6 | 216-217              |
|                                               | 9,58                                          | 34717                                   | 2,20                                     |          | 104           | 250 M6 |                      |
|                                               | 10,3                                          | 32369                                   | 2,28                                     |          | 97,3          | 250 M6 |                      |
|                                               | 12,3                                          | 26969                                   | 2,63                                     |          | 122           | 225 S4 |                      |
|                                               | 8,11                                          | 41006                                   | 1,35                                     | MHE 3320 | 123           | 250 M6 | 214-215              |
|                                               | 9,84                                          | 33802                                   | 1,75                                     |          | 102           | 250 M6 |                      |
|                                               | 10,1                                          | 32815                                   | 1,64                                     |          | 98,7          | 250 M6 |                      |
|                                               | 12,2                                          | 27337                                   | 1,95                                     |          | 123           | 225 S4 |                      |
|                                               | 12,3                                          | 27048                                   | 2,03                                     |          | 81,3          | 250 M6 |                      |
|                                               | 12,9                                          | 25811                                   | 2,19                                     |          | 77,6          | 250 M6 |                      |
|                                               | 13,2                                          | 25129                                   | 2,09                                     |          | 75,6          | 250 M6 |                      |
|                                               | 14,8                                          | 22535                                   | 2,52                                     |          | 102           | 225 S4 |                      |
|                                               | 14,8                                          | 22478                                   | 2,34                                     |          | 67,6          | 250 M6 |                      |
|                                               | 15,2                                          | 21876                                   | 2,37                                     |          | 98,7          | 225 S4 |                      |
|                                               | 15,8                                          | 21088                                   | 2,52                                     |          | 63,4          | 250 M6 |                      |
|                                               | 16,2                                          | 20473                                   | 2,58                                     |          | 61,6          | 250 M6 |                      |
|                                               | 18,4                                          | 18032                                   | 2,93                                     |          | 81,3          | 225 S4 |                      |
|                                               | 19,3                                          | 17207                                   | 3,16                                     |          | 77,6          | 225 S4 |                      |
|                                               | 19,9                                          | 16753                                   | 3,01                                     |          | 75,6          | 225 S4 |                      |
|                                               | 9,55                                          | 34823                                   | 1,05                                     | MHE 3280 | 105           | 250 M6 | 212-213              |
|                                               | 10,0                                          | 33290                                   | 1,14                                     |          | 100           | 250 M6 |                      |
|                                               | 11,9                                          | 27949                                   | 1,49                                     |          | 84,0          | 250 M6 |                      |
|                                               | 12,0                                          | 27652                                   | 1,30                                     |          | 125           | 225 S4 |                      |
|                                               | 12,3                                          | 26961                                   | 1,32                                     |          | 81,1          | 250 M6 |                      |
|                                               | 13,0                                          | 25525                                   | 1,40                                     |          | 76,8          | 250 M6 |                      |
|                                               | 14,3                                          | 23216                                   | 1,52                                     |          | 105           | 225 S4 |                      |
|                                               | 14,6                                          | 22791                                   | 1,78                                     |          | 68,5          | 250 M6 |                      |
|                                               | 15,0                                          | 22194                                   | 1,64                                     |          | 100           | 225 S4 |                      |
|                                               | 15,1                                          | 21983                                   | 1,62                                     |          | 66,1          | 250 M6 |                      |
|                                               | 15,5                                          | 21447                                   | 1,66                                     |          | 64,5          | 250 M6 |                      |
|                                               | 16,2                                          | 20486                                   | 1,86                                     |          | 61,6          | 250 M6 |                      |
|                                               | 17,8                                          | 18633                                   | 2,15                                     |          | 84,0          | 225 S4 |                      |
|                                               | 18,5                                          | 17974                                   | 1,90                                     |          | 81,1          | 225 S4 |                      |
|                                               | 18,6                                          | 17862                                   | 2,08                                     |          | 53,7          | 250 M6 |                      |
|                                               | 19,3                                          | 17201                                   | 2,28                                     |          | 51,7          | 250 M6 |                      |
|                                               | 19,5                                          | 17017                                   | 2,01                                     |          | 76,8          | 225 S4 |                      |
|                                               | 20,0                                          | 16592                                   | 2,16                                     |          | 49,9          | 250 M6 |                      |
|                                               | 21,9                                          | 15194                                   | 2,56                                     |          | 68,5          | 225 S4 |                      |
|                                               | 22,7                                          | 14655                                   | 2,34                                     |          | 66,1          | 225 S4 |                      |
|                                               | 23,3                                          | 14298                                   | 2,40                                     |          | 64,5          | 225 S4 |                      |
|                                               | 24,4                                          | 13658                                   | 2,69                                     |          | 61,6          | 225 S4 |                      |
|                                               | 27,9                                          | 11908                                   | 2,99                                     |          | 53,7          | 225 S4 |                      |
|                                               | 11,9                                          | 27923                                   | 1,02                                     | MHE 3250 | 84,0          | 250 M6 | 210-211              |
|                                               | 12,3                                          | 27118                                   | 1,05                                     |          | 81,5          | 250 M6 |                      |
|                                               | 14,3                                          | 23262                                   | 1,05                                     |          | 105           | 225 S4 |                      |
|                                               | 14,6                                          | 22768                                   | 1,22                                     |          | 68,5          | 250 M6 |                      |
|                                               | 15,0                                          | 22171                                   | 1,27                                     |          | 100           | 225 S4 |                      |
|                                               | 15,1                                          | 22029                                   | 1,13                                     |          | 66,2          | 250 M6 |                      |
|                                               | 15,5                                          | 21474                                   | 1,16                                     |          | 64,6          | 250 M6 |                      |
|                                               | 16,0                                          | 20766                                   | 1,40                                     |          | 62,4          | 250 M6 |                      |
|                                               | 16,2                                          | 20466                                   | 1,35                                     |          | 61,5          | 250 M6 |                      |
|                                               |                                               |                                         |                                          |          |               |        |                      |
| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | Rapporto      | Motore | Dim.pag<br>Dim. Page |
| 37                                            | 17,9                                          | 18615                                   | 1,47                                     | MHE 3250 | 84,0          | 225 S4 | 210-211              |
|                                               | 18,4                                          | 18079                                   | 1,51                                     |          | 81,5          | 225 S4 |                      |
|                                               | 19,1                                          | 17437                                   | 1,72                                     |          | 52,4          | 250 M6 |                      |
|                                               | 19,5                                          | 17052                                   | 1,40                                     |          | 76,9          | 225 S4 |                      |
|                                               | 20,0                                          | 16625                                   | 1,50                                     |          | 50,0          | 250 M6 |                      |
|                                               | 21,2                                          | 15674                                   | 1,86                                     |          | 47,1          | 250 M6 |                      |
|                                               | 21,9                                          | 15179                                   | 1,75                                     |          | 68,5          | 225 S4 |                      |
|                                               | 22,6                                          | 14686                                   | 1,63                                     |          | 66,2          | 225 S4 |                      |
|                                               | 23,2                                          | 14316                                   | 1,67                                     |          | 64,6          | 225 S4 |                      |
|                                               | 23,5                                          | 14144                                   | 2,07                                     |          | 42,5          | 250 M6 |                      |
|                                               | 24,0                                          | 13844                                   | 2,02                                     |          | 62,4          | 225 S4 |                      |
|                                               | 24,4                                          | 13644                                   | 1,95                                     |          | 61,5          | 225 S4 |                      |
|                                               | 24,6                                          | 13499                                   | 2,23                                     |          | 40,6          | 250 M6 |                      |
|                                               | 25,3                                          | 13160                                   | 2,29                                     |          | 39,6          | 250 M6 |                      |
|                                               | 28,6                                          | 11624                                   | 2,48                                     |          | 52,4          | 225 S4 |                      |
|                                               | 30,0                                          | 11083                                   | 2,17                                     |          | 50,0          | 225 S4 |                      |
|                                               | 31,8                                          | 10449                                   | 2,68                                     |          | 47,1          | 225 S4 |                      |
|                                               | 35,3                                          | 9429                                    | 2,98                                     |          | 42,5          | 225 S4 |                      |
|                                               | 18,4                                          | 18032                                   | 1,00                                     | MHE 3225 | 54,2          | 250 M6 | 208-209              |
|                                               | 18,6                                          | 17869                                   | 1,01                                     |          | 53,7          | 250 M6 |                      |
|                                               | 21,5                                          | 15502                                   | 1,12                                     |          | 69,9          | 225 S4 |                      |
|                                               | 22,7                                          | 14643                                   | 1,24                                     |          | 44,0          | 250 M6 |                      |
|                                               | 24,0                                          | 13859                                   | 1,20                                     |          | 62,5          | 225 S4 |                      |
|                                               | 24,0                                          | 13858                                   | 1,31                                     |          | 41,7          | 250 M6 |                      |
|                                               | 25,0                                          | 13299                                   | 1,26                                     |          | 40,0          | 250 M6 |                      |
|                                               | 27,7                                          | 12021                                   | 1,45                                     |          | 54,2          | 225 S4 |                      |
|                                               | 27,9                                          | 11913                                   | 1,46                                     |          | 53,7          | 225 S4 |                      |
|                                               | 29,1                                          | 11434                                   | 1,27                                     |          | 51,6          | 225 S4 |                      |
|                                               | 29,6                                          | 11251                                   | 1,62                                     |          | 33,8          | 250 M6 |                      |
|                                               | 30,8                                          | 10802                                   | 1,39                                     |          | 32,5          | 250 M6 |                      |
|                                               | 32,5                                          | 10223                                   | 1,60                                     |          | 30,7          | 250 M6 |                      |
|                                               | 34,1                                          | 9762                                    | 1,79                                     |          | 44,0          | 225 S4 |                      |
|                                               | 36,0                                          | 9239                                    | 1,89                                     |          | 41,7          | 225 S4 |                      |
|                                               | 37,5                                          | 8866                                    | 1,81                                     |          | 40,0          | 225 S4 |                      |
|                                               | 40,1                                          | 8301                                    | 1,82                                     |          | 25,0          | 250 M6 |                      |
|                                               | 44,3                                          | 7501                                    | 2,34                                     |          | 33,8          | 225 S4 |                      |
|                                               | 46,2                                          | 7201                                    | 2,01                                     |          | 32,5          | 225 S4 |                      |
|                                               | 48,8                                          | 6815                                    | 2,30                                     |          | 30,7          | 225 S4 |                      |
|                                               | 60,1                                          | 5534                                    | 2,63                                     |          | 25,0          | 225 S4 |                      |
|                                               | 42,1                                          | 8060                                    | 1,99                                     | MHE 2225 | 23,8          | 250 M6 | 190-191              |
|                                               | 50,8                                          | 6679                                    | 2,53                                     |          | 19,7          | 250 M6 |                      |
|                                               | 23,9                                          | 13928                                   | 1,07                                     | MHE 3200 | 41,9          | 250 M6 | 206-207              |
|                                               | 27,8                                          | 11975                                   | 1,25                                     |          | 54,0          | 225 S4 |                      |
|                                               | 29,4                                          | 11311                                   | 1,26                                     |          | 34,0          | 250 M6 |                      |
|                                               | 31,1                                          | 10705                                   | 1,31                                     |          | 32,2          | 250 M6 |                      |
|                                               | 31,1                                          | 10704                                   | 1,20                                     |          | 48,3          | 225 S4 |                      |
|                                               | 35,8                                          | 9285                                    | 1,54                                     |          | 41,9          | 225 S4 |                      |
|                                               | 38,3                                          | 8693                                    | 1,34                                     |          | 26,1          | 250 M6 |                      |
|                                               | 39,8                                          | 8363                                    | 1,20                                     |          | 37,7          | 225 S4 |                      |
|                                               | 44,1                                          | 7540                                    | 1,81                                     |          | 34,0          | 225 S4 |                      |
|                                               | 46,6                                          | 7137                                    | 1,89                                     |          | 32,2          | 225 S4 |                      |
|                                               | 49,0                                          | 6791                                    | 1,83                                     |          | 20,4          | 250 M6 |                      |
|                                               | 57,4                                          | 5796                                    | 1,93                                     |          | 26,1          | 225 S4 |                      |
|                                               | 73,5                                          | 4527                                    | 2,63                                     |          | 20,4          | 225 S4 |                      |
|                                               | 42,8                                          | 7934                                    | 1,47                                     | MHE 2200 | 23,4          | 250 M6 | 188-189              |



| P <sub>1</sub><br>Potenza<br>Ingresso | n <sub>2</sub><br>Velocità<br>uscita | M <sub>2</sub><br>Coppia uscita | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore | Dim.pag<br>Dim. Page | P <sub>1</sub><br>Potenza<br>Ingresso | n <sub>2</sub><br>Velocità<br>uscita | M <sub>2</sub><br>Coppia uscita | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | Rapporto | Motore | Dim.pag<br>Dim. Page |
|---------------------------------------|--------------------------------------|---------------------------------|------------------------------------------|----------|---------------|--------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|------------------------------------------|----------|----------|--------|----------------------|
| [kW]                                  | [rpm]                                | [Nm]                            |                                          |          |               |        |                      | [kW]                                  | [rpm]                                | [Nm]                            |                                          |          |          |        |                      |
| 37                                    | 49,8                                 | 6821                            | 1,72                                     | MHE 2200 | 20,1          | 250 M6 | 188-189              | 45                                    | 10,3                                 | 39368                           | 1,88                                     | MHE 3360 | 97,3     | 280 S6 | 216-217              |
|                                       | 50,9                                 | 6662                            | 1,91                                     |          | 19,6          | 250 M6 |                      |                                       | 12,0                                 | 33786                           | 2,40                                     |          | 83,5     | 280 S6 |                      |
|                                       | 59,2                                 | 5728                            | 2,22                                     |          | 16,9          | 250 M6 |                      |                                       | 12,3                                 | 32800                           | 2,16                                     |          | 122      | 225 M4 |                      |
|                                       | 64,2                                 | 5289                            | 2,12                                     |          | 23,4          | 225 S4 |                      |                                       | 13,4                                 | 30150                           | 2,40                                     |          | 74,5     | 280 S6 |                      |
|                                       | 65,8                                 | 5158                            | 2,54                                     |          | 15,2          | 250 M6 |                      |                                       | 14,4                                 | 28149                           | 2,61                                     |          | 104      | 225 M4 |                      |
|                                       | 74,6                                 | 4547                            | 2,47                                     |          | 20,1          | 225 S4 |                      |                                       | 15,4                                 | 26245                           | 2,71                                     |          | 97,3     | 225 M4 |                      |
|                                       | 76,4                                 | 4441                            | 2,76                                     |          | 19,6          | 225 S4 |                      |                                       | 15,4                                 | 26190                           | 2,51                                     |          | 64,8     | 280 S6 |                      |
|                                       | 37,1                                 | 8955                            | 1,04                                     | MHE 3180 | 40,4          | 225 S4 | 8,11                 |                                       | 49872                                | 1,11                            | 123                                      | 280 S6   |          |        |                      |
|                                       | 40,1                                 | 8283                            | 1,02                                     |          | 37,4          | 225 S4 | 9,84                 |                                       | 41111                                | 1,44                            | 102                                      | 280 S6   |          |        |                      |
|                                       | 42,2                                 | 7880                            | 0,95                                     |          | 35,5          | 225 S4 | 10,1                 |                                       | 39910                                | 1,35                            | 98,7                                     | 280 S6   |          |        |                      |
|                                       | 49,5                                 | 6722                            | 1,09                                     |          | 30,3          | 225 S4 | 12,2                 |                                       | 33248                                | 1,61                            | 123                                      | 225 M4   |          |        |                      |
|                                       | 54,9                                 | 6057                            | 1,14                                     |          | 27,3          | 225 S4 | 12,3                 |                                       | 32896                                | 1,67                            | 81,3                                     | 280 S6   |          |        |                      |
|                                       | 64,4                                 | 5168                            | 1,34                                     |          | 23,3          | 225 S4 | 12,9                 |                                       | 31391                                | 1,80                            | 77,6                                     | 280 S6   |          |        |                      |
|                                       | 42,8                                 | 7934                            | 1,06                                     | MHE 2180 | 23,4          | 250 M6 | 13,2                 |                                       | 30562                                | 1,72                            | 75,6                                     | 280 S6   |          |        |                      |
|                                       | 48,9                                 | 6940                            | 1,34                                     |          | 20,5          | 250 M6 | 14,8                 |                                       | 27407                                | 2,07                            | 102                                      | 225 M4   |          |        |                      |
|                                       | 51,5                                 | 6594                            | 1,38                                     |          | 19,4          | 250 M6 | 14,8                 |                                       | 27339                                | 1,92                            | 67,6                                     | 280 S6   |          |        |                      |
|                                       | 58,9                                 | 5766                            | 1,57                                     |          | 17,0          | 250 M6 | 15,2                 |                                       | 26607                                | 1,95                            | 98,7                                     | 225 M4   |          |        |                      |
|                                       | 63,2                                 | 5369                            | 1,74                                     |          | 15,8          | 250 M6 | 15,8                 |                                       | 25648                                | 2,07                            | 63,4                                     | 280 S6   |          |        |                      |
|                                       | 64,2                                 | 5289                            | 1,53                                     |          | 23,4          | 225 S4 | 16,2                 |                                       | 24900                                | 2,12                            | 61,6                                     | 280 S6   |          |        |                      |
|                                       | 73,3                                 | 4627                            | 1,93                                     |          | 20,5          | 225 S4 | 18,4                 |                                       | 21931                                | 2,41                            | 81,3                                     | 225 M4   |          |        |                      |
|                                       | 76,0                                 | 4463                            | 2,12                                     |          | 13,2          | 250 M6 | 18,9                 |                                       | 21385                                | 2,49                            | 52,9                                     | 280 S6   |          |        |                      |
|                                       | 77,2                                 | 4396                            | 1,99                                     |          | 19,4          | 225 S4 | 19,3                 |                                       | 20928                                | 2,60                            | 77,6                                     | 225 M4   |          |        |                      |
|                                       | 88,3                                 | 3844                            | 2,26                                     |          | 17,0          | 225 S4 | 19,4                 |                                       | 20875                                | 2,58                            | 51,6                                     | 280 S6   |          |        |                      |
|                                       | 94,8                                 | 3579                            | 2,51                                     |          | 15,8          | 225 S4 | 19,7                 |                                       | 20523                                | 2,41                            | 50,7                                     | 280 S6   |          |        |                      |
|                                       | 114                                  | 2975                            | 3,06                                     |          | 13,2          | 225 S4 | 19,9                 |                                       | 20375                                | 2,48                            | 75,6                                     | 225 M4   |          |        |                      |
|                                       | 40,9                                 | 8124                            | 0,95                                     | MHE 3160 | 36,6          | 225 S4 | 22,2                 |                                       | 18226                                | 2,78                            | 67,6                                     | 225 M4   |          |        |                      |
|                                       | 48,0                                 | 6931                            | 1,10                                     |          | 31,3          | 225 S4 | 23,7                 |                                       | 17099                                | 2,98                            | 63,4                                     | 225 M4   |          |        |                      |
|                                       | 50,4                                 | 6598                            | 0,95                                     |          | 29,8          | 225 S4 | 24,4                 |                                       | 16600                                | 3,05                            | 61,6                                     | 225 M4   |          |        |                      |
|                                       | 53,3                                 | 6243                            | 1,15                                     |          | 28,2          | 225 S4 | 11,9                 |                                       | 33992                                | 1,22                            | 84,0                                     | 280 S6   |          |        |                      |
|                                       | 59,1                                 | 5629                            | 1,09                                     |          | 25,4          | 225 S4 | 12,0                 |                                       | 33631                                | 1,07                            | 125                                      | 225 M4   |          |        |                      |
|                                       | 62,4                                 | 5328                            | 1,34                                     |          | 24,0          | 225 S4 | 12,3                 |                                       | 32791                                | 1,08                            | 81,1                                     | 280 S6   |          |        |                      |
|                                       | 65,6                                 | 5071                            | 1,14                                     |          | 22,9          | 225 S4 | 13,0                 |                                       | 31044                                | 1,15                            | 76,8                                     | 280 S6   |          |        |                      |
|                                       | 76,9                                 | 4326                            | 1,34                                     |          | 19,5          | 225 S4 | 14,3                 |                                       | 28235                                | 1,25                            | 105                                      | 225 M4   |          |        |                      |
|                                       | 51,6                                 | 6580                            | 1,02                                     | MHE 2160 | 19,4          | 250 M6 | 14,6                 |                                       | 27719                                | 1,46                            | 68,5                                     | 280 S6   |          |        |                      |
|                                       | 59,0                                 | 5756                            | 1,16                                     |          | 17,0          | 250 M6 | 15,0                 |                                       | 26992                                | 1,35                            | 100                                      | 225 M4   |          |        |                      |
|                                       | 63,2                                 | 5373                            | 1,08                                     |          | 23,8          | 225 S4 | 15,1                 |                                       | 26736                                | 1,33                            | 66,1                                     | 280 S6   |          |        |                      |
|                                       | 66,5                                 | 5104                            | 1,14                                     |          | 15,0          | 250 M6 | 15,5                 |                                       | 26085                                | 1,37                            | 64,5                                     | 280 S6   |          |        |                      |
|                                       | 72,2                                 | 4699                            | 1,26                                     |          | 20,8          | 225 S4 | 16,2                 |                                       | 24916                                | 1,53                            | 61,6                                     | 280 S6   |          |        |                      |
|                                       | 76,0                                 | 4463                            | 1,81                                     |          | 13,2          | 250 M6 | 17,8                 |                                       | 22662                                | 1,77                            | 84,0                                     | 225 M4   |          |        |                      |
|                                       | 77,4                                 | 4387                            | 1,47                                     |          | 19,4          | 225 S4 | 18,5                 |                                       | 21861                                | 1,56                            | 81,1                                     | 225 M4   |          |        |                      |
|                                       | 81,0                                 | 4191                            | 1,49                                     |          | 12,4          | 250 M6 | 18,6                 |                                       | 21724                                | 1,71                            | 53,7                                     | 280 S6   |          |        |                      |
|                                       | 88,4                                 | 3837                            | 1,67                                     |          | 17,0          | 225 S4 | 19,3                 |                                       | 20920                                | 1,88                            | 51,7                                     | 280 S6   |          |        |                      |
|                                       | 98,2                                 | 3455                            | 2,30                                     |          | 10,2          | 250 M6 | 19,5                 |                                       | 20696                                | 1,65                            | 76,8                                     | 225 M4   |          |        |                      |
|                                       | 99,7                                 | 3403                            | 1,65                                     |          | 15,0          | 225 S4 | 20,0                 |                                       | 20179                                | 1,78                            | 49,9                                     | 280 S6   |          |        |                      |
|                                       | 114                                  | 2975                            | 2,62                                     |          | 13,2          | 225 S4 | 21,9                 |                                       | 18479                                | 2,11                            | 68,5                                     | 225 M4   |          |        |                      |
|                                       | 121                                  | 2806                            | 2,68                                     |          | 8,27          | 250 M6 | 22,7                 |                                       | 17824                                | 1,92                            | 66,1                                     | 225 M4   |          |        |                      |
|                                       | 121                                  | 2794                            | 2,15                                     |          | 12,4          | 225 S4 | 23,3                 |                                       | 17390                                | 1,97                            | 64,5                                     | 225 M4   |          |        |                      |
|                                       | 128                                  | 2654                            | 2,94                                     |          | 7,82          | 250 M6 | 24,1                 |                                       | 16818                                | 2,32                            | 41,6                                     | 280 S6   |          |        |                      |
|                                       | 147                                  | 2303                            | 3,32                                     |          | 10,2          | 225 S4 | 24,4                 |                                       | 16611                                | 2,21                            | 61,6                                     | 225 M4   |          |        |                      |
|                                       | 157                                  | 2155                            | 3,40                                     |          | 6,35          | 250 M6 | 25,0                 |                                       | 16195                                | 2,36                            | 40,0                                     | 280 S6   |          |        |                      |
|                                       | 181                                  | 1871                            | 3,86                                     |          | 8,27          | 225 S4 | 27,9                 |                                       | 14483                                | 2,46                            | 53,7                                     | 225 M4   |          |        |                      |
|                                       | 192                                  | 1769                            | 4,24                                     |          | 7,82          | 225 S4 | 29,0                 |                                       | 13946                                | 2,71                            | 51,7                                     | 225 M4   |          |        |                      |
|                                       | 236                                  | 1437                            | 4,91                                     |          | 6,35          | 225 S4 | 30,1                 |                                       | 13453                                | 2,56                            | 49,9                                     | 225 M4   |          |        |                      |
| 45                                    | 8,22                                 | 49201                           | 1,50                                     | MHE 3360 | 122           | 280 S6 | 216-217              |                                       | 14,6                                 | 27691                           | 1,00                                     | MHE 3250 | 68,5     | 280 S6 | 210-211              |
|                                       | 9,58                                 | 42223                           | 1,81                                     |          | 104           | 280 S6 |                      |                                       | 15,0                                 | 26965                           | 1,04                                     |          | 100      | 225 M4 |                      |

# MHE Tabella Prestazioni

## Performance Tables

**ZET**  
R e d ü k t ö r



| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|--------|----------------------|
| 45                                            | 16,0                                          | 25256                                   | 1,15                                     | MHE 3250 | 62,4          | 280 S6 | 210-211              |
|                                               | 16,2                                          | 24892                                   | 1,11                                     |          | 61,5          | 280 S6 |                      |
|                                               | 17,9                                          | 22640                                   | 1,21                                     |          | 84,0          | 225 M4 |                      |
|                                               | 18,4                                          | 21987                                   | 1,24                                     |          | 81,5          | 225 M4 |                      |
|                                               | 19,1                                          | 21207                                   | 1,42                                     |          | 52,4          | 280 S6 |                      |
|                                               | 19,5                                          | 20739                                   | 1,15                                     |          | 76,9          | 225 M4 |                      |
|                                               | 20,0                                          | 20220                                   | 1,23                                     |          | 50,0          | 280 S6 |                      |
|                                               | 21,2                                          | 19063                                   | 1,53                                     |          | 47,1          | 280 S6 |                      |
|                                               | 21,9                                          | 18460                                   | 1,44                                     |          | 68,5          | 225 M4 |                      |
|                                               | 22,6                                          | 17862                                   | 1,34                                     |          | 66,2          | 225 M4 |                      |
|                                               | 23,2                                          | 17411                                   | 1,37                                     |          | 64,6          | 225 M4 |                      |
|                                               | 23,5                                          | 17202                                   | 1,70                                     |          | 42,5          | 280 S6 |                      |
|                                               | 24,0                                          | 16837                                   | 1,66                                     |          | 62,4          | 225 M4 |                      |
|                                               | 24,4                                          | 16594                                   | 1,61                                     |          | 61,5          | 225 M4 |                      |
|                                               | 24,6                                          | 16418                                   | 1,83                                     |          | 40,6          | 280 S6 |                      |
|                                               | 25,3                                          | 16005                                   | 1,88                                     |          | 39,6          | 280 S6 |                      |
|                                               | 28,6                                          | 14138                                   | 2,04                                     |          | 52,4          | 225 M4 |                      |
|                                               | 30,0                                          | 13480                                   | 1,78                                     |          | 50,0          | 225 M4 |                      |
|                                               | 30,4                                          | 13319                                   | 2,15                                     |          | 32,9          | 280 S6 |                      |
|                                               | 31,8                                          | 12709                                   | 2,20                                     |          | 47,1          | 225 M4 |                      |
|                                               | 32,6                                          | 12389                                   | 2,43                                     |          | 30,6          | 280 S6 |                      |
|                                               | 35,3                                          | 11468                                   | 2,45                                     |          | 42,5          | 225 M4 |                      |
|                                               | 37,0                                          | 10945                                   | 2,64                                     |          | 40,6          | 225 M4 |                      |
|                                               | 37,9                                          | 10670                                   | 2,71                                     |          | 39,6          | 225 M4 |                      |
|                                               | 45,6                                          | 8880                                    | 3,10                                     |          | 32,9          | 225 M4 |                      |
|                                               | 40,0                                          | 10314                                   | 2,45                                     | MHE 2250 | 25,0          | 280 S6 | 192-193              |
|                                               | 22,7                                          | 17809                                   | 1,02                                     | MHE 3225 | 44,0          | 280 S6 | 208-209              |
|                                               | 24,0                                          | 16856                                   | 0,98                                     |          | 62,5          | 225 M4 |                      |
|                                               | 24,0                                          | 16855                                   | 1,08                                     |          | 41,7          | 280 S6 |                      |
|                                               | 25,0                                          | 16175                                   | 1,03                                     |          | 40,0          | 280 S6 |                      |
|                                               | 27,7                                          | 14621                                   | 1,19                                     |          | 54,2          | 225 M4 |                      |
|                                               | 27,9                                          | 14488                                   | 1,20                                     |          | 53,7          | 225 M4 |                      |
|                                               | 29,1                                          | 13906                                   | 1,04                                     |          | 51,6          | 225 M4 |                      |
|                                               | 29,6                                          | 13683                                   | 1,33                                     |          | 33,8          | 280 S6 |                      |
|                                               | 30,8                                          | 13137                                   | 1,14                                     |          | 32,5          | 280 S6 |                      |
|                                               | 32,5                                          | 12434                                   | 1,31                                     |          | 30,7          | 280 S6 |                      |
|                                               | 34,1                                          | 11873                                   | 1,47                                     |          | 44,0          | 225 M4 |                      |
|                                               | 36,0                                          | 11236                                   | 1,55                                     |          | 41,7          | 225 M4 |                      |
|                                               | 37,5                                          | 10783                                   | 1,49                                     |          | 40,0          | 225 M4 |                      |
|                                               | 40,1                                          | 10096                                   | 1,50                                     |          | 25,0          | 280 S6 |                      |
|                                               | 44,3                                          | 9122                                    | 1,92                                     |          | 33,8          | 225 M4 |                      |
|                                               | 46,2                                          | 8758                                    | 1,65                                     |          | 32,5          | 225 M4 |                      |
|                                               | 48,8                                          | 8289                                    | 1,89                                     |          | 30,7          | 225 M4 |                      |
|                                               | 60,1                                          | 6731                                    | 2,16                                     |          | 25,0          | 225 M4 |                      |
|                                               | 42,1                                          | 9802                                    | 1,64                                     | MHE 2225 | 23,8          | 280 S6 | 190-191              |
|                                               | 50,8                                          | 8123                                    | 2,08                                     |          | 19,7          | 280 S6 |                      |
|                                               | 59,1                                          | 6983                                    | 2,42                                     |          | 16,9          | 280 S6 |                      |
|                                               | 63,2                                          | 6535                                    | 2,36                                     |          | 23,8          | 225 M4 |                      |
|                                               | 68,9                                          | 5989                                    | 2,59                                     |          | 14,5          | 280 S6 |                      |
|                                               | 27,8                                          | 14564                                   | 1,03                                     | MHE 3200 | 54,0          | 225 M4 | 206-207              |
|                                               | 29,4                                          | 13756                                   | 1,03                                     |          | 34,0          | 280 S6 |                      |
|                                               | 31,1                                          | 13019                                   | 0,98                                     |          | 48,3          | 225 M4 |                      |
|                                               | 35,8                                          | 11293                                   | 1,27                                     |          | 41,9          | 225 M4 |                      |
|                                               | 38,3                                          | 10573                                   | 1,10                                     |          | 26,1          | 280 S6 |                      |
|                                               | 39,8                                          | 10171                                   | 0,98                                     |          | 37,7          | 225 M4 |                      |

| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | Rapporto | Motore | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|----------|--------|----------------------|
| 45                                            | 44,1                                          | 9171                                    | 1,49                                     | MHE 3200 | 34,0     | 225 M4 | 206-207              |
|                                               | 46,6                                          | 8680                                    | 1,56                                     |          | 32,2     | 225 M4 |                      |
|                                               | 49,0                                          | 8259                                    | 1,50                                     |          | 20,4     | 280 S6 |                      |
|                                               | 57,4                                          | 7049                                    | 1,59                                     |          | 26,1     | 225 M4 |                      |
|                                               | 73,5                                          | 5506                                    | 2,16                                     |          | 20,4     | 225 M4 |                      |
|                                               | 42,8                                          | 9650                                    | 1,21                                     | MHE 2200 | 23,4     | 280 S6 | 188-189              |
|                                               | 49,8                                          | 8296                                    | 1,41                                     |          | 20,1     | 280 S6 |                      |
|                                               | 50,9                                          | 8102                                    | 1,57                                     |          | 19,6     | 280 S6 |                      |
|                                               | 59,2                                          | 6967                                    | 1,83                                     |          | 16,9     | 280 S6 |                      |
|                                               | 64,2                                          | 6433                                    | 1,74                                     |          | 23,4     | 225 M4 |                      |
|                                               | 65,8                                          | 6274                                    | 2,09                                     |          | 15,2     | 280 S6 |                      |
|                                               | 74,6                                          | 5531                                    | 2,03                                     |          | 20,1     | 225 M4 |                      |
|                                               | 76,4                                          | 5401                                    | 2,27                                     |          | 19,6     | 225 M4 |                      |
|                                               | 76,5                                          | 5394                                    | 2,41                                     |          | 13,1     | 280 S6 |                      |
|                                               | 79,0                                          | 5225                                    | 2,26                                     |          | 12,7     | 280 S6 |                      |
|                                               | 88,9                                          | 4645                                    | 2,64                                     | MHE 3180 | 16,9     | 225 M4 | 204-205              |
|                                               | 98,7                                          | 4182                                    | 3,01                                     |          | 15,2     | 225 M4 |                      |
|                                               | 64,4                                          | 6286                                    | 1,10                                     |          | 23,3     | 225 M4 |                      |
|                                               | 48,9                                          | 8440                                    | 1,10                                     |          | 20,5     | 280 S6 |                      |
|                                               | 51,5                                          | 8019                                    | 1,13                                     | MHE 2180 | 19,4     | 280 S6 | 186-187              |
|                                               | 58,9                                          | 7012                                    | 1,29                                     |          | 17,0     | 280 S6 |                      |
|                                               | 63,2                                          | 6529                                    | 1,43                                     |          | 15,8     | 280 S6 |                      |
|                                               | 64,2                                          | 6433                                    | 1,26                                     |          | 23,4     | 225 M4 |                      |
|                                               | 73,3                                          | 5627                                    | 1,59                                     |          | 20,5     | 225 M4 |                      |
|                                               | 76,0                                          | 5427                                    | 1,74                                     |          | 13,2     | 280 S6 |                      |
|                                               | 77,2                                          | 5346                                    | 1,64                                     |          | 19,4     | 225 M4 |                      |
|                                               | 88,3                                          | 4675                                    | 1,86                                     |          | 17,0     | 225 M4 |                      |
|                                               | 94,8                                          | 4353                                    | 2,07                                     |          | 15,8     | 225 M4 |                      |
|                                               | 101                                           | 4074                                    | 2,20                                     |          | 9,87     | 280 S6 |                      |
|                                               | 114                                           | 3618                                    | 2,52                                     | MHE 3160 | 13,2     | 225 M4 | 202-203              |
|                                               | 152                                           | 2716                                    | 3,18                                     |          | 9,87     | 225 M4 |                      |
|                                               | 62,4                                          | 6480                                    | 1,10                                     |          | 24,0     | 225 M4 |                      |
|                                               | 76,9                                          | 5261                                    | 1,10                                     |          | 19,5     | 225 M4 |                      |
|                                               | 72,2                                          | 5715                                    | 1,03                                     | MHE 2160 | 20,8     | 225 M4 | 184-185              |
|                                               | 76,0                                          | 5427                                    | 1,49                                     |          | 13,2     | 280 S6 |                      |
|                                               | 77,4                                          | 5335                                    | 1,21                                     |          | 19,4     | 225 M4 |                      |
|                                               | 81,0                                          | 5097                                    | 1,22                                     |          | 12,4     | 280 S6 |                      |
|                                               | 88,4                                          | 4667                                    | 1,37                                     |          | 17,0     | 225 M4 |                      |
|                                               | 98,2                                          | 4202                                    | 1,89                                     |          | 10,2     | 280 S6 |                      |
|                                               | 99,7                                          | 4138                                    | 1,35                                     |          | 15,0     | 225 M4 |                      |
|                                               | 114                                           | 3618                                    | 2,15                                     |          | 13,2     | 225 M4 |                      |
|                                               | 121                                           | 3413                                    | 2,20                                     |          | 8,27     | 280 S6 |                      |
|                                               | 121                                           | 3398                                    | 1,77                                     |          | 12,4     | 225 M4 |                      |
|                                               | 128                                           | 3228                                    | 2,42                                     |          | 7,82     | 280 S6 |                      |
|                                               | 147                                           | 2801                                    | 2,73                                     |          | 10,2     | 225 M4 |                      |
|                                               | 157                                           | 2621                                    | 2,80                                     |          | 6,35     | 280 S6 |                      |
|                                               | 181                                           | 2276                                    | 3,17                                     |          | 8,27     | 225 M4 |                      |
|                                               | 192                                           | 2152                                    | 3,49                                     | MHE 3360 | 7,82     | 225 M4 | 216-217              |
|                                               | 236                                           | 1747                                    | 4,03                                     |          | 6,35     | 225 M4 |                      |
|                                               | 8,22                                          | 60134                                   | 1,23                                     |          | 122      | 280 M6 |                      |
|                                               | 9,58                                          | 51606                                   | 1,48                                     |          | 104      | 280 M6 |                      |
|                                               | 10,3                                          | 48116                                   | 1,53                                     |          | 97,3     | 280 M6 |                      |
|                                               | 12,0                                          | 41294                                   | 1,96                                     |          | 83,5     | 280 M6 |                      |
| 55                                            | 12,3                                          | 40089                                   | 1,77                                     | MHE 3360 | 122      | 250 M4 | 216-217              |
|                                               | 13,4                                          | 36850                                   | 1,96                                     |          | 74,5     | 280 M6 |                      |
|                                               |                                               |                                         |                                          |          |          |        |                      |



| P <sub>1</sub><br>Potenza<br>Ingresso | n <sub>2</sub><br>Velocità<br>uscita | M <sub>2</sub><br>Coppia uscita | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore | Dim.pag<br>Dim. Page | P <sub>1</sub><br>Potenza<br>Ingresso | n <sub>2</sub><br>Velocità<br>uscita | M <sub>2</sub><br>Coppia uscita | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | Rapporto | Motore  | Dim.pag<br>Dim. Page |
|---------------------------------------|--------------------------------------|---------------------------------|------------------------------------------|----------|---------------|--------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|------------------------------------------|----------|----------|---------|----------------------|
| [kW]                                  | [rpm]                                | [Nm]                            |                                          |          |               |        |                      | [kW]                                  | [rpm]                                | [Nm]                            |                                          |          |          |         |                      |
| 55                                    | 14,4                                 | 34404                           | 2,13                                     | MHE 3360 | 104           | 250 M4 | 216-217              | 55                                    | 24,4                                 | 20302                           | 1,81                                     | MHE 3280 | 61,6     | 250 M4  | 212-213              |
|                                       | 14,4                                 | 34314                           | 2,32                                     |          | 69,4          | 280 M6 |                      |                                       | 25,0                                 | 19794                           | 1,93                                     |          | 40,0     | 280 M6  |                      |
|                                       | 15,4                                 | 32077                           | 2,21                                     |          | 97,3          | 250 M4 |                      |                                       | 27,9                                 | 17701                           | 2,01                                     |          | 53,7     | 250 M4  |                      |
|                                       | 15,4                                 | 32010                           | 2,06                                     |          | 64,8          | 280 M6 |                      |                                       | 29,0                                 | 17046                           | 2,21                                     |          | 51,7     | 250 M4  |                      |
|                                       | 16,1                                 | 30621                           | 2,38                                     |          | 61,9          | 280 M6 |                      |                                       | 30,1                                 | 16442                           | 2,10                                     |          | 49,9     | 250 M4  |                      |
|                                       | 18,0                                 | 27529                           | 2,83                                     |          | 83,5          | 250 M4 |                      |                                       | 31,9                                 | 15513                           | 2,46                                     |          | 31,4     | 280 M6  |                      |
|                                       | 20,1                                 | 24566                           | 2,83                                     |          | 74,5          | 250 M4 |                      |                                       | 36,1                                 | 13704                           | 2,74                                     |          | 41,6     | 250 M4  |                      |
|                                       | 21,6                                 | 22876                           | 3,34                                     |          | 69,4          | 250 M4 |                      |                                       | 37,5                                 | 13196                           | 2,78                                     |          | 40,0     | 250 M4  |                      |
|                                       | 23,2                                 | 21340                           | 2,97                                     | MHE 3320 | 64,8          | 250 M4 | 214-215              |                                       | 17,9                                 | 27671                           | 0,99                                     | MHE 3250 | 84,0     | 250 M4  | 210-211              |
|                                       | 9,84                                 | 50247                           | 1,17                                     |          | 102           | 280 M6 |                      |                                       | 18,4                                 | 26873                           | 1,01                                     |          | 81,5     | 250 M4  |                      |
|                                       | 10,1                                 | 48779                           | 1,10                                     |          | 98,7          | 280 M6 |                      |                                       | 19,1                                 | 25919                           | 1,16                                     |          | 52,4     | 280 M6  |                      |
|                                       | 12,2                                 | 40636                           | 1,31                                     |          | 123           | 250 M4 |                      |                                       | 20,0                                 | 24713                           | 1,01                                     |          | 50,0     | 280 M6  |                      |
|                                       | 12,3                                 | 40206                           | 1,37                                     |          | 81,3          | 280 M6 |                      |                                       | 21,2                                 | 23299                           | 1,25                                     |          | 47,1     | 280 M6  |                      |
|                                       | 12,9                                 | 38367                           | 1,47                                     |          | 77,6          | 280 M6 |                      |                                       | 21,9                                 | 22563                           | 1,18                                     |          | 68,5     | 250 M4  |                      |
|                                       | 13,2                                 | 37354                           | 1,41                                     |          | 75,6          | 280 M6 |                      |                                       | 22,6                                 | 21831                           | 1,10                                     |          | 66,2     | 250 M4  |                      |
|                                       | 14,8                                 | 33498                           | 1,69                                     |          | 102           | 250 M4 |                      |                                       | 23,2                                 | 21281                           | 1,12                                     |          | 64,6     | 250 M4  |                      |
|                                       | 14,8                                 | 33414                           | 1,57                                     |          | 67,6          | 280 M6 |                      |                                       | 23,5                                 | 21025                           | 1,39                                     |          | 42,5     | 280 M6  |                      |
|                                       | 15,2                                 | 32519                           | 1,59                                     |          | 98,7          | 250 M4 |                      |                                       | 24,0                                 | 20579                           | 1,36                                     |          | 62,4     | 250 M4  |                      |
|                                       | 15,8                                 | 31347                           | 1,69                                     |          | 63,4          | 280 M6 |                      |                                       | 24,4                                 | 20282                           | 1,31                                     |          | 61,5     | 250 M4  |                      |
|                                       | 16,2                                 | 30433                           | 1,73                                     |          | 61,6          | 280 M6 |                      |                                       | 24,6                                 | 20066                           | 1,50                                     |          | 40,6     | 280 M6  |                      |
|                                       | 18,4                                 | 26804                           | 1,97                                     |          | 81,3          | 250 M4 |                      |                                       | 25,3                                 | 19562                           | 1,54                                     |          | 39,6     | 280 M6  |                      |
|                                       | 18,9                                 | 26137                           | 2,03                                     |          | 52,9          | 280 M6 |                      |                                       | 28,6                                 | 17280                           | 1,67                                     |          | 52,4     | 250 M4  |                      |
|                                       | 19,3                                 | 25578                           | 2,13                                     |          | 77,6          | 250 M4 |                      |                                       | 30,0                                 | 16475                           | 1,46                                     |          | 50,0     | 250 M4  |                      |
|                                       | 19,4                                 | 25514                           | 2,11                                     |          | 51,6          | 280 M6 |                      |                                       | 30,4                                 | 16279                           | 1,76                                     |          | 32,9     | 280 M6  |                      |
|                                       | 19,7                                 | 25084                           | 1,97                                     |          | 50,7          | 280 M6 |                      |                                       | 31,8                                 | 15533                           | 1,80                                     |          | 47,1     | 250 M4  |                      |
|                                       | 19,9                                 | 24903                           | 2,03                                     |          | 75,6          | 250 M4 |                      |                                       | 32,6                                 | 15142                           | 1,99                                     |          | 30,6     | 280 M6  |                      |
|                                       | 20,7                                 | 23937                           | 2,28                                     |          | 48,4          | 280 M6 |                      |                                       | 35,3                                 | 14017                           | 2,00                                     |          | 42,5     | 250 M4  |                      |
|                                       | 21,2                                 | 23304                           | 2,28                                     |          | 47,1          | 280 M6 |                      |                                       | 37,0                                 | 13377                           | 2,16                                     |          | 40,6     | 250 M4  |                      |
|                                       | 22,2                                 | 22276                           | 2,27                                     |          | 67,6          | 250 M4 |                      |                                       | 37,9                                 | 13041                           | 2,22                                     |          | 39,6     | 250 M4  |                      |
|                                       | 23,7                                 | 20898                           | 2,44                                     |          | 63,4          | 250 M4 |                      |                                       | 40,2                                 | 12285                           | 2,30                                     |          | 24,9     | 280 M6  |                      |
|                                       | 23,8                                 | 20758                           | 2,36                                     |          | 42,0          | 280 M6 |                      |                                       | 45,6                                 | 10853                           | 2,53                                     |          | 32,9     | 250 M4  |                      |
|                                       | 24,4                                 | 20289                           | 2,50                                     |          | 61,6          | 250 M4 |                      |                                       | 49,0                                 | 10095                           | 2,87                                     |          | 30,6     | 250 M4  |                      |
|                                       | 28,4                                 | 17425                           | 2,93                                     |          | 52,9          | 250 M4 |                      |                                       | 60,4                                 | 8190                            | 3,32                                     |          | 24,9     | 250 M4  |                      |
|                                       | 29,1                                 | 17009                           | 3,04                                     |          | 51,6          | 250 M4 |                      |                                       | 40,0                                 | 12606                           | 2,00                                     | MHE 2250 | 25,0     | 280 M6  | 192-193              |
|                                       | 29,6                                 | 16723                           | 2,84                                     |          | 50,7          | 250 M4 |                      |                                       | 47,7                                 | 10583                           | 2,38                                     |          | 21,0     | 280 M6  |                      |
|                                       | 31,0                                 | 15958                           | 3,28                                     |          | 48,4          | 250 M4 |                      |                                       | 60,0                                 | 8404                            | 2,89                                     |          | 25,0     | 250 M4  |                      |
|                                       | 31,8                                 | 15536                           | 3,28                                     |          | 47,1          | 250 M4 |                      |                                       | 71,5                                 | 7056                            | 3,44                                     |          | 21,0     | 250 M4  |                      |
|                                       | 35,7                                 | 13839                           | 3,40                                     |          | 42,0          | 250 M4 |                      |                                       | 27,7                                 | 17870                           | 0,97                                     | MHE 3225 | 54,2     | 250 M4  | 208-209              |
|                                       | 11,9                                 | 41546                           | 1,00                                     | MHE 3280 | 84,0          | 280 M6 | 27,9                 |                                       | 17708                                | 0,98                            | 53,7                                     |          | 250 M4   |         |                      |
|                                       | 14,3                                 | 34510                           | 1,02                                     |          | 105           | 250 M4 | 29,6                 |                                       | 16724                                | 1,09                            | 33,8                                     |          | 280 M6   |         |                      |
|                                       | 14,6                                 | 33879                           | 1,19                                     |          | 68,5          | 280 M6 | 32,5                 |                                       | 15197                                | 1,07                            | 30,7                                     |          | 280 M6   |         |                      |
|                                       | 15,0                                 | 32990                           | 1,10                                     |          | 100           | 250 M4 | 34,1                 |                                       | 14511                                | 1,21                            | 44,0                                     |          | 250 M4   |         |                      |
|                                       | 15,1                                 | 32677                           | 1,09                                     |          | 66,1          | 280 M6 | 36,0                 |                                       | 13733                                | 1,27                            | 41,7                                     |          | 250 M4   |         |                      |
|                                       | 15,5                                 | 31881                           | 1,12                                     |          | 64,5          | 280 M6 | 37,5                 |                                       | 13180                                | 1,22                            | 40,0                                     |          | 250 M4   |         |                      |
|                                       | 16,2                                 | 30453                           | 1,25                                     |          | 61,6          | 280 M6 | 40,1                 |                                       | 12339                                | 1,23                            | 25,0                                     |          | 280 M6   |         |                      |
|                                       | 17,8                                 | 27697                           | 1,44                                     |          | 84,0          | 250 M4 | 44,3                 |                                       | 11149                                | 1,57                            | 33,8                                     |          | 250 M4   |         |                      |
|                                       | 18,5                                 | 26719                           | 1,28                                     |          | 81,1          | 250 M4 | 46,2                 |                                       | 10705                                | 1,35                            | 32,5                                     |          | 250 M4   |         |                      |
|                                       | 18,6                                 | 26552                           | 1,40                                     |          | 53,7          | 280 M6 | 48,8                 |                                       | 10131                                | 1,55                            | 30,7                                     |          | 250 M4   |         |                      |
|                                       | 19,3                                 | 25568                           | 1,54                                     |          | 51,7          | 280 M6 | 60,1                 |                                       | 8226                                 | 1,77                            | 25,0                                     |          | 250 M4   |         |                      |
|                                       | 19,5                                 | 25295                           | 1,35                                     |          | 76,8          | 250 M4 | 42,1                 |                                       | 11981                                | 1,34                            | MHE 2225                                 | 23,8     | 280 M6   | 190-191 |                      |
|                                       | 20,0                                 | 24664                           | 1,45                                     |          | 49,9          | 280 M6 | 50,8                 |                                       | 9928                                 | 1,70                            |                                          | 19,7     | 280 M6   |         |                      |
|                                       | 21,9                                 | 22586                           | 1,72                                     |          | 68,5          | 250 M4 | 59,1                 |                                       | 8535                                 | 1,98                            |                                          | 16,9     | 280 M6   |         |                      |
|                                       | 22,7                                 | 21785                           | 1,57                                     |          | 66,1          | 250 M4 | 63,2                 |                                       | 7987                                 | 1,93                            |                                          | 23,8     | 250 M4   |         |                      |
|                                       | 23,3                                 | 21254                           | 1,61                                     |          | 64,5          | 250 M4 | 68,9                 |                                       | 7320                                 | 2,12                            |                                          | 14,5     | 280 M6   |         |                      |
|                                       | 24,1                                 | 20556                           | 1,90                                     |          | 41,6          | 280 M6 | 76,2                 |                                       | 6618                                 | 2,46                            |                                          | 19,7     | 250 M4   |         |                      |

# MHE Tabella Prestazioni

## Performance Tables

**ZET**  
R e d ü k t ö r



| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|--------|----------------------|
| 55                                            | 88,7                                          | 5690                                    | 2,86                                     | MHE 2225 | 16,9          | 250 M4 | 190-191              |
|                                               | 103                                           | 4880                                    | 3,05                                     |          | 14,5          | 250 M4 |                      |
|                                               | 35,8                                          | 13803                                   | 1,04                                     | MHE 3200 | 41,9          | 250 M4 | 206-207              |
|                                               | 44,1                                          | 11209                                   | 1,22                                     |          | 34,0          | 250 M4 |                      |
|                                               | 46,6                                          | 10609                                   | 1,27                                     |          | 32,2          | 250 M4 |                      |
|                                               | 49,0                                          | 10095                                   | 1,23                                     |          | 20,4          | 280 M6 |                      |
|                                               | 57,4                                          | 8615                                    | 1,30                                     |          | 26,1          | 250 M4 |                      |
|                                               | 73,5                                          | 6730                                    | 1,77                                     |          | 20,4          | 250 M4 |                      |
|                                               | 42,8                                          | 11794                                   | 0,99                                     | MHE 2200 | 23,4          | 280 M6 | 188-189              |
|                                               | 49,8                                          | 10139                                   | 1,15                                     |          | 20,1          | 280 M6 |                      |
|                                               | 50,9                                          | 9902                                    | 1,29                                     |          | 19,6          | 280 M6 |                      |
|                                               | 59,2                                          | 8515                                    | 1,50                                     |          | 16,9          | 280 M6 |                      |
|                                               | 64,2                                          | 7863                                    | 1,42                                     |          | 23,4          | 250 M4 |                      |
|                                               | 65,8                                          | 7668                                    | 1,71                                     |          | 15,2          | 280 M6 |                      |
|                                               | 74,6                                          | 6760                                    | 1,66                                     |          | 20,1          | 250 M4 |                      |
|                                               | 76,4                                          | 6602                                    | 1,86                                     |          | 19,6          | 250 M4 |                      |
|                                               | 76,5                                          | 6593                                    | 1,97                                     |          | 13,1          | 280 M6 |                      |
|                                               | 79,0                                          | 6386                                    | 1,85                                     |          | 12,7          | 280 M6 |                      |
|                                               | 88,9                                          | 5677                                    | 2,16                                     |          | 16,9          | 250 M4 |                      |
|                                               | 94,1                                          | 5362                                    | 2,39                                     |          | 10,6          | 280 M6 |                      |
|                                               | 98,7                                          | 5112                                    | 2,46                                     |          | 15,2          | 250 M4 |                      |
|                                               | 98,7                                          | 5110                                    | 2,49                                     |          | 10,1          | 280 M6 |                      |
|                                               | 115                                           | 4395                                    | 2,84                                     |          | 13,1          | 250 M4 |                      |
|                                               | 118                                           | 4258                                    | 2,67                                     |          | 12,7          | 250 M4 |                      |
|                                               | 58,9                                          | 8571                                    | 1,06                                     | MHE 2180 | 17,0          | 280 M6 | 186-187              |
|                                               | 63,2                                          | 7980                                    | 1,17                                     |          | 15,8          | 280 M6 |                      |
|                                               | 64,2                                          | 7863                                    | 1,03                                     |          | 23,4          | 250 M4 |                      |
|                                               | 73,3                                          | 6877                                    | 1,30                                     |          | 20,5          | 250 M4 |                      |
|                                               | 76,0                                          | 6634                                    | 1,43                                     |          | 13,2          | 280 M6 |                      |
|                                               | 77,2                                          | 6534                                    | 1,34                                     |          | 19,4          | 250 M4 |                      |
|                                               | 88,3                                          | 5714                                    | 1,52                                     |          | 17,0          | 250 M4 |                      |
|                                               | 94,8                                          | 5320                                    | 1,69                                     |          | 15,8          | 250 M4 |                      |
|                                               | 101                                           | 4979                                    | 1,80                                     |          | 9,87          | 280 M6 |                      |
|                                               | 114                                           | 4422                                    | 2,06                                     |          | 13,2          | 250 M4 |                      |
|                                               | 152                                           | 3319                                    | 2,60                                     |          | 9,87          | 250 M4 |                      |
|                                               | 76,0                                          | 6634                                    | 1,22                                     | MHE 2160 | 13,2          | 280 M6 | 184-185              |
|                                               | 77,4                                          | 6521                                    | 0,99                                     |          | 19,4          | 250 M4 |                      |
|                                               | 81,0                                          | 6230                                    | 1,00                                     |          | 12,4          | 280 M6 |                      |
|                                               | 88,4                                          | 5704                                    | 1,12                                     |          | 17,0          | 250 M4 |                      |
|                                               | 98,2                                          | 5135                                    | 1,55                                     |          | 10,2          | 280 M6 |                      |
|                                               | 99,7                                          | 5058                                    | 1,11                                     |          | 15,0          | 250 M4 |                      |
|                                               | 114                                           | 4422                                    | 1,76                                     |          | 13,2          | 250 M4 |                      |
|                                               | 121                                           | 4172                                    | 1,80                                     |          | 8,27          | 280 M6 |                      |
|                                               | 121                                           | 4153                                    | 1,44                                     |          | 12,4          | 250 M4 |                      |
|                                               | 128                                           | 3945                                    | 1,98                                     |          | 7,82          | 280 M6 |                      |
|                                               | 147                                           | 3424                                    | 2,23                                     |          | 10,2          | 250 M4 |                      |
|                                               | 157                                           | 3203                                    | 2,29                                     |          | 6,35          | 280 M6 |                      |
|                                               | 181                                           | 2781                                    | 2,60                                     |          | 8,27          | 250 M4 |                      |
|                                               | 192                                           | 2630                                    | 2,85                                     |          | 7,82          | 250 M4 |                      |
|                                               | 236                                           | 2136                                    | 3,30                                     |          | 6,35          | 250 M4 |                      |
| 75                                            | 9,58                                          | 70372                                   | 1,08                                     | MHE 3360 | 104           | 315 S6 | 216-217              |
|                                               | 10,3                                          | 65613                                   | 1,13                                     |          | 97,3          | 315 S6 |                      |
|                                               | 12,0                                          | 56310                                   | 1,44                                     |          | 83,5          | 315 S6 |                      |
|                                               | 12,3                                          | 54667                                   | 1,30                                     |          | 122           | 280 S4 |                      |
|                                               | 13,4                                          | 50250                                   | 1,44                                     |          | 74,5          | 315 S6 |                      |

| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | Rapporto | Motore | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|----------|--------|----------------------|
| 75                                            | 14,4                                          | 46915                                   | 1,56                                     | MHE 3360 | 104      | 280 S4 | 216-217              |
|                                               | 14,4                                          | 46791                                   | 1,70                                     |          | 69,4     | 315 S6 |                      |
|                                               | 15,4                                          | 43742                                   | 1,62                                     |          | 97,3     | 280 S4 |                      |
|                                               | 15,4                                          | 43650                                   | 1,51                                     |          | 64,8     | 315 S6 |                      |
|                                               | 16,1                                          | 41756                                   | 1,75                                     |          | 61,9     | 315 S6 |                      |
|                                               | 18,0                                          | 37540                                   | 2,08                                     |          | 83,5     | 280 S4 |                      |
|                                               | 18,8                                          | 35837                                   | 2,13                                     |          | 53,2     | 315 S6 |                      |
|                                               | 19,3                                          | 34927                                   | 2,11                                     |          | 51,8     | 315 S6 |                      |
|                                               | 19,9                                          | 33895                                   | 2,16                                     |          | 50,3     | 315 S6 |                      |
|                                               | 20,1                                          | 33500                                   | 2,08                                     |          | 74,5     | 280 S4 |                      |
|                                               | 21,6                                          | 31194                                   | 2,45                                     |          | 69,4     | 280 S4 |                      |
|                                               | 23,2                                          | 29100                                   | 2,18                                     |          | 64,8     | 280 S4 |                      |
|                                               | 24,2                                          | 27837                                   | 2,52                                     |          | 61,9     | 280 S4 |                      |
|                                               | 28,2                                          | 23891                                   | 3,07                                     |          | 53,2     | 280 S4 |                      |
|                                               | 29,0                                          | 23284                                   | 3,04                                     |          | 51,8     | 280 S4 |                      |
|                                               | 29,8                                          | 22597                                   | 3,12                                     |          | 50,3     | 280 S4 |                      |
|                                               | 12,2                                          | 55413                                   | 0,96                                     | MHE 3320 | 123      | 280 S4 | 214-215              |
|                                               | 12,3                                          | 54827                                   | 1,00                                     |          | 81,3     | 315 S6 |                      |
|                                               | 12,9                                          | 52319                                   | 1,08                                     |          | 77,6     | 315 S6 |                      |
|                                               | 13,2                                          | 50937                                   | 1,03                                     |          | 75,6     | 315 S6 |                      |
|                                               | 14,8                                          | 45679                                   | 1,24                                     |          | 102      | 280 S4 |                      |
|                                               | 14,8                                          | 45564                                   | 1,15                                     |          | 67,6     | 315 S6 |                      |
|                                               | 15,2                                          | 44344                                   | 1,17                                     |          | 98,7     | 280 S4 |                      |
|                                               | 15,8                                          | 42747                                   | 1,24                                     |          | 63,4     | 315 S6 |                      |
|                                               | 16,2                                          | 41499                                   | 1,27                                     |          | 61,6     | 315 S6 |                      |
|                                               | 18,4                                          | 36551                                   | 1,45                                     |          | 81,3     | 280 S4 |                      |
|                                               | 18,9                                          | 35641                                   | 1,49                                     |          | 52,9     | 315 S6 |                      |
|                                               | 19,3                                          | 34879                                   | 1,56                                     |          | 77,6     | 280 S4 |                      |
|                                               | 19,4                                          | 34792                                   | 1,55                                     |          | 51,6     | 315 S6 |                      |
|                                               | 19,7                                          | 34205                                   | 1,44                                     |          | 50,7     | 315 S6 |                      |
|                                               | 19,9                                          | 33958                                   | 1,49                                     |          | 75,6     | 280 S4 |                      |
|                                               | 20,7                                          | 32641                                   | 1,67                                     |          | 48,4     | 315 S6 |                      |
|                                               | 21,2                                          | 31778                                   | 1,67                                     |          | 47,1     | 315 S6 |                      |
|                                               | 22,2                                          | 30376                                   | 1,67                                     |          | 67,6     | 280 S4 |                      |
|                                               | 23,7                                          | 28498                                   | 1,79                                     |          | 63,4     | 280 S4 |                      |
|                                               | 23,8                                          | 28307                                   | 1,73                                     |          | 42,0     | 315 S6 |                      |
|                                               | 24,4                                          | 27666                                   | 1,83                                     |          | 61,6     | 280 S4 |                      |
|                                               | 25,3                                          | 26642                                   | 1,93                                     |          | 39,5     | 315 S6 |                      |
|                                               | 26,2                                          | 25779                                   | 2,07                                     |          | 38,2     | 315 S6 |                      |
|                                               | 28,4                                          | 23761                                   | 2,15                                     |          | 52,9     | 280 S4 |                      |
|                                               | 29,1                                          | 23195                                   | 2,23                                     |          | 51,6     | 280 S4 |                      |
|                                               | 29,6                                          | 22804                                   | 2,08                                     |          | 50,7     | 280 S4 |                      |
|                                               | 31,0                                          | 21761                                   | 2,41                                     |          | 48,4     | 280 S4 |                      |
|                                               | 31,2                                          | 21613                                   | 2,33                                     |          | 32,1     | 315 S6 |                      |
|                                               | 31,8                                          | 21186                                   | 2,41                                     |          | 47,1     | 280 S4 |                      |
|                                               | 33,7                                          | 20001                                   | 2,47                                     |          | 29,7     | 315 S6 |                      |
|                                               | 35,7                                          | 18871                                   | 2,50                                     |          | 42,0     | 280 S4 |                      |
|                                               | 38,0                                          | 17761                                   | 2,79                                     |          | 39,5     | 280 S4 |                      |
|                                               | 39,2                                          | 17186                                   | 2,99                                     |          | 38,2     | 280 S4 |                      |
| 75                                            | 17,8                                          | 37769                                   | 1,06                                     | MHE 3280 | 84,0     | 280 S4 | 212-213              |
|                                               | 18,5                                          | 36434                                   | 0,94                                     |          | 81,1     | 280 S4 |                      |
|                                               | 18,6                                          | 36207                                   | 1,02                                     |          | 53,7     | 315 S6 |                      |
|                                               | 19,3                                          | 34866                                   | 1,13                                     |          | 51,7     | 315 S6 |                      |
|                                               | 19,5                                          | 34493                                   | 0,99                                     |          | 76,8     | 280 S4 |                      |
|                                               | 20,0                                          | 33632                                   | 1,07                                     |          | 49,9     | 315 S6 |                      |



| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 75                                            | 21,9                                          | 30799                                   | 1,26                                     | MHE 3280 | 68,5          | 280 S4  | 212-213              |
|                                               | 22,7                                          | 29707                                   | 1,15                                     |          | 66,1          | 280 S4  |                      |
|                                               | 23,3                                          | 28983                                   | 1,18                                     |          | 64,5          | 280 S4  |                      |
|                                               | 24,1                                          | 28030                                   | 1,39                                     |          | 41,6          | 315 S6  |                      |
|                                               | 24,4                                          | 27684                                   | 1,33                                     |          | 61,6          | 280 S4  |                      |
|                                               | 25,0                                          | 26992                                   | 1,42                                     |          | 40,0          | 315 S6  |                      |
|                                               | 27,9                                          | 24138                                   | 1,48                                     |          | 53,7          | 280 S4  |                      |
|                                               | 29,0                                          | 23244                                   | 1,62                                     |          | 51,7          | 280 S4  |                      |
|                                               | 30,1                                          | 22422                                   | 1,54                                     |          | 49,9          | 280 S4  |                      |
|                                               | 31,9                                          | 21154                                   | 1,80                                     |          | 31,4          | 315 S6  |                      |
|                                               | 36,1                                          | 18687                                   | 2,01                                     |          | 41,6          | 280 S4  |                      |
|                                               | 37,5                                          | 17995                                   | 2,04                                     |          | 40,0          | 280 S4  |                      |
|                                               | 40,2                                          | 16766                                   | 2,00                                     |          | 24,9          | 315 S6  |                      |
|                                               | 47,8                                          | 14103                                   | 2,60                                     |          | 31,4          | 280 S4  |                      |
|                                               | 60,3                                          | 11177                                   | 2,88                                     |          | 24,9          | 280 S4  |                      |
|                                               | 40,1                                          | 17156                                   | 2,12                                     | MHE 2280 | 24,9          | 315 S6  | 194-195              |
|                                               | 47,8                                          | 14404                                   | 2,53                                     |          | 20,9          | 315 S6  |                      |
|                                               | 60,1                                          | 11437                                   | 3,06                                     |          | 24,9          | 280 S4  |                      |
|                                               | 23,5                                          | 28671                                   | 1,02                                     | MHE 3250 | 42,5          | 315 S6  | 210-211              |
|                                               | 24,0                                          | 28062                                   | 0,99                                     |          | 62,4          | 280 S4  |                      |
|                                               | 24,6                                          | 27363                                   | 1,10                                     |          | 40,6          | 315 S6  |                      |
|                                               | 25,3                                          | 26675                                   | 1,13                                     |          | 39,6          | 315 S6  |                      |
|                                               | 28,6                                          | 23563                                   | 1,23                                     |          | 52,4          | 280 S4  |                      |
|                                               | 30,0                                          | 22466                                   | 1,07                                     |          | 50,0          | 280 S4  |                      |
|                                               | 30,4                                          | 22199                                   | 1,29                                     |          | 32,9          | 315 S6  |                      |
|                                               | 31,8                                          | 21181                                   | 1,32                                     |          | 47,1          | 280 S4  |                      |
|                                               | 32,6                                          | 20649                                   | 1,46                                     |          | 30,6          | 315 S6  |                      |
|                                               | 35,3                                          | 19114                                   | 1,47                                     |          | 42,5          | 280 S4  |                      |
|                                               | 37,0                                          | 18242                                   | 1,58                                     |          | 40,6          | 280 S4  |                      |
|                                               | 37,9                                          | 17784                                   | 1,63                                     |          | 39,6          | 280 S4  |                      |
|                                               | 40,2                                          | 16752                                   | 1,69                                     |          | 24,9          | 315 S6  |                      |
|                                               | 45,6                                          | 14799                                   | 1,86                                     |          | 32,9          | 280 S4  |                      |
|                                               | 49,0                                          | 13766                                   | 2,11                                     |          | 30,6          | 280 S4  |                      |
|                                               | 60,4                                          | 11168                                   | 2,44                                     |          | 24,9          | 280 S4  |                      |
|                                               | 40,0                                          | 17190                                   | 1,47                                     | MHE 2250 | 25,0          | 315 S6  | 192-193              |
|                                               | 47,7                                          | 14432                                   | 1,75                                     |          | 21,0          | 315 S6  |                      |
|                                               | 50,0                                          | 13758                                   | 2,05                                     |          | 20,0          | 315 S6  |                      |
|                                               | 59,6                                          | 11550                                   | 2,48                                     |          | 16,8          | 315 S6  |                      |
|                                               | 60,0                                          | 11460                                   | 2,12                                     |          | 25,0          | 280 S4  |                      |
|                                               | 71,5                                          | 9621                                    | 2,52                                     |          | 21,0          | 280 S4  |                      |
|                                               | 75,0                                          | 9172                                    | 2,96                                     |          | 20,0          | 280 S4  |                      |
|                                               | 44,3                                          | 15204                                   | 1,15                                     | MHE 3225 | 33,8          | 280 S4  | 208-209              |
|                                               | 46,2                                          | 14597                                   | 0,99                                     |          | 32,5          | 280 S4  |                      |
|                                               | 48,8                                          | 13815                                   | 1,14                                     |          | 30,7          | 280 S4  |                      |
|                                               | 60,1                                          | 11218                                   | 1,30                                     |          | 25,0          | 280 S4  |                      |
|                                               | 42,1                                          | 16337                                   | 0,98                                     | MHE 2225 | 23,8          | 315 S6  | 190-191              |
|                                               | 50,8                                          | 13538                                   | 1,25                                     |          | 19,7          | 315 S6  |                      |
|                                               | 59,1                                          | 11639                                   | 1,45                                     |          | 16,9          | 315 S6  |                      |
|                                               | 63,2                                          | 10892                                   | 1,42                                     |          | 23,8          | 280 S4  |                      |
|                                               | 68,9                                          | 9981                                    | 1,55                                     |          | 14,5          | 315 S6  |                      |
|                                               | 76,2                                          | 9025                                    | 1,80                                     |          | 19,7          | 280 S4  |                      |
|                                               | 80,1                                          | 8585                                    | 2,00                                     |          | 12,5          | 315 S6  |                      |
|                                               | 88,7                                          | 7759                                    | 2,09                                     |          | 16,9          | 280 S4  |                      |
|                                               | 93,9                                          | 7326                                    | 2,34                                     |          | 10,7          | 315 S6  |                      |
|                                               | 103                                           | 6659                                    | 2,60                                     |          | 9,68          | 315 S6  |                      |
| 75                                            | 103                                           | 6654                                    | 2,24                                     | MHE 2225 | 14,5          | 280 S4  | 190-191              |
|                                               | 120                                           | 5723                                    | 2,88                                     |          | 12,5          | 280 S4  |                      |
|                                               | 127                                           | 5407                                    | 3,07                                     |          | 7,86          | 315 S6  |                      |
|                                               | 141                                           | 4884                                    | 3,38                                     |          | 10,7          | 280 S4  |                      |
|                                               | 155                                           | 4439                                    | 3,75                                     |          | 9,68          | 280 S4  |                      |
|                                               | 191                                           | 3605                                    | 4,52                                     |          | 7,86          | 280 S4  |                      |
|                                               | 73,5                                          | 9177                                    | 1,30                                     | MHE 3200 | 20,4          | 280 S4  | 206-207              |
|                                               | 59,2                                          | 11612                                   | 1,10                                     | MHE 2200 | 16,9          | 315 S6  | 188-189              |
|                                               | 64,2                                          | 10722                                   | 1,04                                     |          | 23,4          | 280 S4  |                      |
|                                               | 65,8                                          | 10456                                   | 1,25                                     |          | 15,2          | 315 S6  |                      |
|                                               | 74,6                                          | 9218                                    | 1,22                                     |          | 20,1          | 280 S4  |                      |
|                                               | 76,4                                          | 9002                                    | 1,36                                     |          | 19,6          | 280 S4  |                      |
|                                               | 76,5                                          | 8991                                    | 1,45                                     |          | 13,1          | 315 S6  |                      |
|                                               | 79,0                                          | 8709                                    | 1,36                                     |          | 12,7          | 315 S6  |                      |
|                                               | 88,9                                          | 7741                                    | 1,58                                     |          | 16,9          | 280 S4  |                      |
|                                               | 94,1                                          | 7312                                    | 1,75                                     |          | 10,6          | 315 S6  |                      |
|                                               | 98,7                                          | 6971                                    | 1,81                                     |          | 15,2          | 280 S4  |                      |
|                                               | 98,7                                          | 6968                                    | 1,83                                     |          | 10,1          | 315 S6  |                      |
|                                               | 115                                           | 5994                                    | 2,09                                     |          | 13,1          | 280 S4  |                      |
|                                               | 118                                           | 5806                                    | 1,95                                     |          | 12,7          | 280 S4  |                      |
|                                               | 122                                           | 5661                                    | 2,21                                     |          | 8,23          | 315 S6  |                      |
|                                               | 126                                           | 5448                                    | 2,21                                     |          | 7,92          | 315 S6  |                      |
|                                               | 141                                           | 4875                                    | 2,52                                     |          | 10,6          | 280 S4  |                      |
|                                               | 148                                           | 4646                                    | 2,64                                     |          | 10,1          | 280 S4  |                      |
|                                               | 156                                           | 4423                                    | 2,68                                     |          | 6,43          | 315 S6  |                      |
|                                               | 182                                           | 3774                                    | 3,19                                     |          | 8,23          | 280 S4  |                      |
|                                               | 189                                           | 3632                                    | 3,19                                     |          | 7,92          | 280 S4  |                      |
|                                               | 233                                           | 2949                                    | 3,87                                     |          | 6,43          | 280 S4  |                      |
|                                               | 12,0                                          | 67572                                   | 1,20                                     | MHE 3360 | 83,5          | 315 MA6 | 216-217              |
|                                               | 12,3                                          | 65601                                   | 1,08                                     |          | 122           | 280 M4  |                      |
|                                               | 13,4                                          | 60299                                   | 1,20                                     |          | 74,5          | 315 MA6 |                      |
|                                               | 14,4                                          | 56298                                   | 1,30                                     |          | 104           | 280 M4  |                      |
|                                               | 14,4                                          | 56150                                   | 1,42                                     |          | 69,4          | 315 MA6 |                      |
|                                               | 15,4                                          | 52490                                   | 1,35                                     |          | 97,3          | 280 M4  |                      |
|                                               | 15,4                                          | 52380                                   | 1,26                                     |          | 64,8          | 315 MA6 |                      |
|                                               | 16,1                                          | 50107                                   | 1,46                                     |          | 61,9          | 315 MA6 |                      |
|                                               | 18,0                                          | 45048                                   | 1,73                                     |          | 83,5          | 280 M4  |                      |
|                                               | 18,8                                          | 43004                                   | 1,77                                     |          | 53,2          | 315 MA6 |                      |
|                                               | 19,3                                          | 41912                                   | 1,75                                     |          | 51,8          | 315 MA6 |                      |
|                                               | 19,9                                          | 40674                                   | 1,80                                     |          | 50,3          | 315 MA6 |                      |
|                                               | 20,1                                          | 40200                                   | 1,73                                     |          | 74,5          | 280 M4  |                      |
|                                               | 21,6                                          | 37433                                   | 2,04                                     |          | 69,4          | 280 M4  |                      |
|                                               | 23,2                                          | 34920                                   | 1,81                                     |          | 64,8          | 280 M4  |                      |
|                                               | 23,2                                          | 34882                                   | 2,18                                     |          | 43,1          | 315 MA6 |                      |
|                                               | 24,2                                          | 33404                                   | 2,10                                     |          | 61,9          | 280 M4  |                      |
|                                               | 25,2                                          | 32099                                   | 2,57                                     |          | 39,7          | 315 MA6 |                      |
|                                               | 26,5                                          | 30522                                   | 2,41                                     |          | 37,7          | 315 MA6 |                      |
|                                               | 28,2                                          | 28669                                   | 2,56                                     |          | 53,2          | 280 M4  |                      |
|                                               | 29,0                                          | 27941                                   | 2,53                                     |          | 51,8          | 280 M4  |                      |
|                                               | 29,8                                          | 27116                                   | 2,60                                     |          | 50,3          | 280 M4  |                      |
|                                               | 34,8                                          | 23255                                   | 3,15                                     |          | 43,1          | 280 M4  |                      |
|                                               | 14,8                                          | 54815                                   | 1,03                                     | MHE 3320 | 102           | 280 M4  | 214-215              |
|                                               | 15,2                                          | 53213                                   | 0,97                                     |          | 98,7          | 280 M4  |                      |
|                                               | 15,8                                          | 51296                                   | 1,03                                     |          | 63,4          | 315 MA6 |                      |
|                                               | 16,2                                          | 49799                                   | 1,06                                     |          | 61,6          | 315 MA6 |                      |



# MHE Tabella Prestazioni

## Performance Tables

**ZET**  
R e d ü k t ö r



| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 90                                            | 18,4                                          | 43862                                   | 1,20                                     | MHE 3320 | 81,3          | 280 M4  | 214-215              |
|                                               | 18,9                                          | 42769                                   | 1,24                                     |          | 52,9          | 315 MA6 |                      |
|                                               | 19,3                                          | 41855                                   | 1,30                                     |          | 77,6          | 280 M4  |                      |
|                                               | 19,4                                          | 41750                                   | 1,29                                     |          | 51,6          | 315 MA6 |                      |
|                                               | 19,7                                          | 41046                                   | 1,20                                     |          | 50,7          | 315 MA6 |                      |
|                                               | 19,9                                          | 40750                                   | 1,24                                     |          | 75,6          | 280 M4  |                      |
|                                               | 20,7                                          | 39170                                   | 1,39                                     |          | 48,4          | 315 MA6 |                      |
|                                               | 21,2                                          | 38134                                   | 1,39                                     |          | 47,1          | 315 MA6 |                      |
|                                               | 22,2                                          | 36451                                   | 1,39                                     |          | 67,6          | 280 M4  |                      |
|                                               | 23,7                                          | 34197                                   | 1,49                                     |          | 63,4          | 280 M4  |                      |
|                                               | 23,8                                          | 33968                                   | 1,44                                     |          | 42,0          | 315 MA6 |                      |
|                                               | 24,4                                          | 33199                                   | 1,53                                     |          | 61,6          | 280 M4  |                      |
|                                               | 25,3                                          | 31970                                   | 1,61                                     |          | 39,5          | 315 MA6 |                      |
|                                               | 26,2                                          | 30934                                   | 1,73                                     |          | 38,2          | 315 MA6 |                      |
|                                               | 28,4                                          | 28513                                   | 1,79                                     |          | 52,9          | 280 M4  |                      |
|                                               | 29,1                                          | 27833                                   | 1,86                                     |          | 51,6          | 280 M4  |                      |
|                                               | 29,6                                          | 27364                                   | 1,74                                     |          | 50,7          | 280 M4  |                      |
|                                               | 31,0                                          | 26113                                   | 2,01                                     |          | 48,4          | 280 M4  |                      |
|                                               | 31,2                                          | 25935                                   | 1,94                                     |          | 32,1          | 315 MA6 |                      |
|                                               | 31,8                                          | 25423                                   | 2,01                                     |          | 47,1          | 280 M4  |                      |
|                                               | 33,7                                          | 24002                                   | 2,06                                     |          | 29,7          | 315 MA6 |                      |
|                                               | 35,7                                          | 22645                                   | 2,08                                     |          | 42,0          | 280 M4  |                      |
|                                               | 38,0                                          | 21313                                   | 2,32                                     |          | 39,5          | 280 M4  |                      |
|                                               | 38,1                                          | 21259                                   | 2,25                                     |          | 26,3          | 315 MA6 |                      |
|                                               | 39,2                                          | 20623                                   | 2,49                                     |          | 38,2          | 280 M4  |                      |
|                                               | 41,5                                          | 19472                                   | 2,52                                     |          | 24,1          | 315 MA6 |                      |
|                                               | 46,8                                          | 17290                                   | 2,80                                     |          | 32,1          | 280 M4  |                      |
|                                               | 50,6                                          | 16001                                   | 2,97                                     |          | 29,7          | 280 M4  |                      |
|                                               | 21,9                                          | 36958                                   | 1,05                                     | MHE 3280 | 68,5          | 280 M4  | 212-213              |
|                                               | 22,7                                          | 35648                                   | 0,96                                     |          | 66,1          | 280 M4  |                      |
|                                               | 23,3                                          | 34780                                   | 0,98                                     |          | 64,5          | 280 M4  |                      |
|                                               | 24,1                                          | 33636                                   | 1,16                                     |          | 41,6          | 315 MA6 |                      |
|                                               | 24,4                                          | 33221                                   | 1,10                                     |          | 61,6          | 280 M4  |                      |
|                                               | 25,0                                          | 32391                                   | 1,18                                     |          | 40,0          | 315 MA6 |                      |
|                                               | 27,9                                          | 28966                                   | 1,23                                     |          | 53,7          | 280 M4  |                      |
|                                               | 29,0                                          | 27893                                   | 1,35                                     |          | 51,7          | 280 M4  |                      |
|                                               | 30,1                                          | 26906                                   | 1,28                                     |          | 49,9          | 280 M4  |                      |
|                                               | 31,9                                          | 25385                                   | 1,50                                     |          | 31,4          | 315 MA6 |                      |
|                                               | 36,1                                          | 22424                                   | 1,67                                     |          | 41,6          | 280 M4  |                      |
|                                               | 37,5                                          | 21594                                   | 1,70                                     |          | 40,0          | 280 M4  |                      |
|                                               | 40,2                                          | 20119                                   | 1,66                                     |          | 24,9          | 315 MA6 |                      |
|                                               | 47,8                                          | 16923                                   | 2,17                                     |          | 31,4          | 280 M4  |                      |
|                                               | 60,3                                          | 13412                                   | 2,40                                     |          | 24,9          | 280 M4  |                      |
|                                               | 40,1                                          | 20587                                   | 1,77                                     | MHE 2280 | 24,9          | 315 MA6 | 194-195              |
|                                               | 47,8                                          | 17285                                   | 2,11                                     |          | 20,9          | 315 MA6 |                      |
|                                               | 50,0                                          | 16526                                   | 2,23                                     |          | 20,0          | 315 MA6 |                      |
|                                               | 59,5                                          | 13876                                   | 2,57                                     |          | 16,8          | 315 MA6 |                      |
|                                               | 60,1                                          | 13725                                   | 2,55                                     |          | 24,9          | 280 M4  |                      |
|                                               | 71,6                                          | 11523                                   | 3,05                                     |          | 20,9          | 280 M4  |                      |
|                                               | 74,9                                          | 11017                                   | 3,21                                     |          | 20,0          | 280 M4  |                      |
|                                               | 28,6                                          | 28276                                   | 1,02                                     |          | 52,4          | 280 M4  |                      |
|                                               | 30,4                                          | 26639                                   | 1,07                                     | MHE 3250 | 32,9          | 315 MA6 | 210-211              |
|                                               | 31,8                                          | 25417                                   | 1,10                                     |          | 47,1          | 280 M4  |                      |
|                                               | 32,6                                          | 24778                                   | 1,22                                     |          | 30,6          | 315 MA6 |                      |
|                                               | 35,3                                          | 22937                                   | 1,23                                     |          | 42,5          | 280 M4  |                      |
|                                               |                                               |                                         |                                          |          |               |         |                      |
| 90                                            | 37,0                                          | 21890                                   | 1,32                                     | MHE 3250 | 40,6          | 280 M4  | 210-211              |
|                                               | 37,9                                          | 21340                                   | 1,36                                     |          | 39,6          | 280 M4  |                      |
|                                               | 40,2                                          | 20103                                   | 1,41                                     |          | 24,9          | 315 MA6 |                      |
|                                               | 45,6                                          | 17759                                   | 1,55                                     |          | 32,9          | 280 M4  |                      |
|                                               | 49,0                                          | 16519                                   | 1,76                                     |          | 30,6          | 280 M4  |                      |
|                                               | 60,4                                          | 13402                                   | 2,03                                     |          | 24,9          | 280 M4  |                      |
|                                               | 40,0                                          | 20628                                   | 1,22                                     | MHE 2250 | 25,0          | 315 MA6 | 192-193              |
|                                               | 47,7                                          | 17318                                   | 1,46                                     |          | 21,0          | 315 MA6 |                      |
|                                               | 50,0                                          | 16509                                   | 1,71                                     |          | 20,0          | 315 MA6 |                      |
|                                               | 59,6                                          | 13860                                   | 2,06                                     |          | 16,8          | 315 MA6 |                      |
|                                               | 60,0                                          | 13752                                   | 1,76                                     |          | 25,0          | 280 M4  |                      |
|                                               | 65,3                                          | 12646                                   | 2,26                                     |          | 15,3          | 315 MA6 |                      |
|                                               | 71,5                                          | 11545                                   | 2,10                                     |          | 21,0          | 280 M4  |                      |
|                                               | 75,0                                          | 11006                                   | 2,47                                     |          | 20,0          | 280 M4  |                      |
|                                               | 89,3                                          | 9240                                    | 2,98                                     |          | 16,8          | 280 M4  |                      |
|                                               | 97,9                                          | 8431                                    | 3,26                                     |          | 15,3          | 280 M4  |                      |
|                                               | 60,1                                          | 13461                                   | 1,08                                     | MHE 3225 | 25,0          | 280 M4  | 208-209              |
|                                               | 50,8                                          | 16245                                   | 1,04                                     | MHE 2225 | 19,7          | 315 MA6 | 190-191              |
|                                               | 59,1                                          | 13967                                   | 1,21                                     |          | 16,9          | 315 MA6 |                      |
|                                               | 63,2                                          | 13070                                   | 1,18                                     |          | 23,8          | 280 M4  |                      |
|                                               | 68,9                                          | 11977                                   | 1,29                                     |          | 14,5          | 315 MA6 |                      |
|                                               | 76,2                                          | 10830                                   | 1,50                                     |          | 19,7          | 280 M4  |                      |
|                                               | 80,1                                          | 10302                                   | 1,67                                     |          | 12,5          | 315 MA6 |                      |
|                                               | 88,7                                          | 9311                                    | 1,75                                     |          | 16,9          | 280 M4  |                      |
|                                               | 93,9                                          | 8791                                    | 1,95                                     |          | 10,7          | 315 MA6 |                      |
|                                               | 103                                           | 7990                                    | 2,17                                     |          | 9,68          | 315 MA6 |                      |
|                                               | 103                                           | 7985                                    | 1,87                                     |          | 14,5          | 280 M4  |                      |
|                                               | 120                                           | 6868                                    | 2,40                                     |          | 12,5          | 280 M4  |                      |
|                                               | 127                                           | 6488                                    | 2,56                                     |          | 7,86          | 315 MA6 |                      |
|                                               | 141                                           | 5861                                    | 2,82                                     |          | 10,7          | 280 M4  |                      |
|                                               | 155                                           | 5327                                    | 3,13                                     |          | 9,68          | 280 M4  |                      |
|                                               | 191                                           | 4325                                    | 3,77                                     |          | 7,86          | 280 M4  |                      |
|                                               | 73,5                                          | 11013                                   | 1,08                                     | MHE 3200 | 20,4          | 280 M4  | 206-207              |
|                                               | 74,6                                          | 11061                                   | 1,02                                     | MHE 2200 | 20,1          | 280 M4  | 188-189              |
|                                               | 76,4                                          | 10803                                   | 1,13                                     |          | 19,6          | 280 M4  |                      |
|                                               | 76,5                                          | 10789                                   | 1,20                                     |          | 13,1          | 315 MA6 |                      |
|                                               | 79,0                                          | 10450                                   | 1,13                                     |          | 12,7          | 315 MA6 |                      |
|                                               | 88,9                                          | 9289                                    | 1,32                                     |          | 16,9          | 280 M4  |                      |
|                                               | 94,1                                          | 8775                                    | 1,46                                     |          | 10,6          | 315 MA6 |                      |
|                                               | 98,7                                          | 8365                                    | 1,51                                     |          | 15,2          | 280 M4  |                      |
|                                               | 98,7                                          | 8362                                    | 1,52                                     |          | 10,1          | 315 MA6 |                      |
|                                               | 115                                           | 7193                                    | 1,74                                     |          | 13,1          | 280 M4  |                      |
|                                               | 118                                           | 6967                                    | 1,63                                     |          | 12,7          | 280 M4  |                      |
|                                               | 122                                           | 6794                                    | 1,84                                     |          | 8,23          | 315 MA6 |                      |
|                                               | 126                                           | 6538                                    | 1,85                                     |          | 7,92          | 315 MA6 |                      |
|                                               | 141                                           | 5850                                    | 2,10                                     |          | 10,6          | 280 M4  |                      |
|                                               | 148                                           | 5575                                    | 2,20                                     |          | 10,1          | 280 M4  |                      |
|                                               | 156                                           | 5308                                    | 2,23                                     |          | 6,43          | 315 MA6 |                      |
| 110                                           | 182                                           | 4529                                    | 2,66                                     |          | 8,23          | 280 M4  |                      |
|                                               | 189                                           | 4358                                    | 2,66                                     |          | 7,92          | 280 M4  |                      |
|                                               | 233                                           | 3538                                    | 3,22                                     |          | 6,43          | 280 M4  |                      |
|                                               | 14,4                                          | 68808                                   | 1,07                                     | MHE 3360 | 104           | 315 S4  | 216-217              |
|                                               | 14,4                                          | 68627                                   | 1,16                                     |          | 69,4          | 315 MB6 |                      |
|                                               | 15,4                                          | 64155                                   | 1,11                                     |          | 97,3          | 315 S4  |                      |
|                                               | 15,4                                          | 64020                                   | 1,03                                     |          | 64,8          | 315 MB6 |                      |





| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 110                                           | 16,1                                          | 61241                                   | 1,19                                     | MHE 3360 | 61,9          | 315 MB6 | 216-217              |
|                                               | 18,0                                          | 55059                                   | 1,42                                     |          | 83,5          | 315 S4  |                      |
|                                               | 18,8                                          | 52560                                   | 1,45                                     |          | 53,2          | 315 MB6 |                      |
|                                               | 19,3                                          | 51226                                   | 1,44                                     |          | 51,8          | 315 MB6 |                      |
|                                               | 19,9                                          | 49713                                   | 1,47                                     |          | 50,3          | 315 MB6 |                      |
|                                               | 20,1                                          | 49133                                   | 1,42                                     |          | 74,5          | 315 S4  |                      |
|                                               | 21,6                                          | 45751                                   | 1,67                                     |          | 69,4          | 315 S4  |                      |
|                                               | 23,2                                          | 42680                                   | 1,48                                     |          | 64,8          | 315 S4  |                      |
|                                               | 23,2                                          | 42634                                   | 1,79                                     |          | 43,1          | 315 MB6 |                      |
|                                               | 24,2                                          | 40828                                   | 1,72                                     |          | 61,9          | 315 S4  |                      |
|                                               | 25,2                                          | 39232                                   | 2,10                                     |          | 39,7          | 315 MB6 |                      |
|                                               | 26,5                                          | 37304                                   | 1,98                                     |          | 37,7          | 315 MB6 |                      |
|                                               | 28,2                                          | 35040                                   | 2,09                                     |          | 53,2          | 315 S4  |                      |
|                                               | 29,0                                          | 34150                                   | 2,07                                     |          | 51,8          | 315 S4  |                      |
|                                               | 29,8                                          | 33142                                   | 2,13                                     |          | 50,3          | 315 S4  |                      |
|                                               | 30,9                                          | 32015                                   | 2,51                                     |          | 32,4          | 315 MB6 |                      |
|                                               | 34,8                                          | 28422                                   | 2,58                                     |          | 43,1          | 315 S4  |                      |
|                                               | 37,8                                          | 26155                                   | 3,04                                     |          | 39,7          | 315 S4  |                      |
|                                               | 39,8                                          | 24870                                   | 2,85                                     |          | 37,7          | 315 S4  |                      |
|                                               | 18,9                                          | 52274                                   | 1,02                                     | MHE 3320 | 52,9          | 315 MB6 | 214-215              |
|                                               | 19,4                                          | 51028                                   | 1,05                                     |          | 51,6          | 315 MB6 |                      |
|                                               | 19,9                                          | 49805                                   | 1,01                                     |          | 75,6          | 315 S4  |                      |
|                                               | 20,7                                          | 47874                                   | 1,14                                     |          | 48,4          | 315 MB6 |                      |
|                                               | 21,2                                          | 46608                                   | 1,14                                     |          | 47,1          | 315 MB6 |                      |
|                                               | 22,2                                          | 44552                                   | 1,14                                     |          | 67,6          | 315 S4  |                      |
|                                               | 23,7                                          | 41797                                   | 1,22                                     |          | 63,4          | 315 S4  |                      |
|                                               | 23,8                                          | 41516                                   | 1,18                                     |          | 42,0          | 315 MB6 |                      |
|                                               | 24,4                                          | 40577                                   | 1,25                                     |          | 61,6          | 315 S4  |                      |
|                                               | 25,3                                          | 39074                                   | 1,32                                     |          | 39,5          | 315 MB6 |                      |
|                                               | 26,2                                          | 37809                                   | 1,41                                     |          | 38,2          | 315 MB6 |                      |
|                                               | 28,4                                          | 34849                                   | 1,47                                     |          | 52,9          | 315 S4  |                      |
|                                               | 29,1                                          | 34019                                   | 1,52                                     |          | 51,6          | 315 S4  |                      |
|                                               | 29,6                                          | 33445                                   | 1,42                                     |          | 50,7          | 315 S4  |                      |
|                                               | 31,0                                          | 31916                                   | 1,64                                     |          | 48,4          | 315 S4  |                      |
|                                               | 31,2                                          | 31698                                   | 1,59                                     |          | 32,1          | 315 MB6 |                      |
|                                               | 31,8                                          | 31072                                   | 1,64                                     |          | 47,1          | 315 S4  |                      |
|                                               | 33,7                                          | 29335                                   | 1,68                                     |          | 29,7          | 315 MB6 |                      |
|                                               | 35,7                                          | 27678                                   | 1,70                                     |          | 42,0          | 315 S4  |                      |
|                                               | 38,0                                          | 26050                                   | 1,90                                     |          | 39,5          | 315 S4  |                      |
|                                               | 38,1                                          | 25984                                   | 1,84                                     |          | 26,3          | 315 MB6 |                      |
|                                               | 39,2                                          | 25206                                   | 2,04                                     |          | 38,2          | 315 S4  |                      |
|                                               | 41,5                                          | 23799                                   | 2,06                                     |          | 24,1          | 315 MB6 |                      |
|                                               | 46,8                                          | 21132                                   | 2,29                                     |          | 32,1          | 315 S4  |                      |
|                                               | 50,6                                          | 19557                                   | 2,43                                     |          | 29,7          | 315 S4  |                      |
|                                               | 50,7                                          | 19507                                   | 2,39                                     |          | 19,7          | 315 MB6 |                      |
|                                               | 57,1                                          | 17322                                   | 2,66                                     |          | 26,3          | 315 S4  |                      |
|                                               | 62,3                                          | 15866                                   | 2,98                                     |          | 24,1          | 315 S4  |                      |
|                                               | 39,9                                          | 25273                                   | 2,14                                     | MHE 2320 | 25,1          | 315 MB6 | 196-197              |
|                                               | 48,4                                          | 20834                                   | 2,27                                     |          | 20,7          | 315 MB6 |                      |
|                                               | 59,9                                          | 16849                                   | 3,08                                     |          | 25,1          | 315 S4  |                      |
|                                               | 27,9                                          | 35403                                   | 1,01                                     | MHE 3280 | 53,7          | 315 S4  | 212-213              |
|                                               | 29,0                                          | 34091                                   | 1,11                                     |          | 51,7          | 315 S4  |                      |
|                                               | 30,1                                          | 32885                                   | 1,05                                     |          | 49,9          | 315 S4  |                      |
|                                               | 31,9                                          | 31026                                   | 1,23                                     |          | 31,4          | 315 MB6 |                      |
|                                               | 36,1                                          | 27407                                   | 1,37                                     |          | 41,6          | 315 S4  |                      |
|                                               |                                               |                                         |                                          |          |               |         |                      |
| 110                                           | 37,5                                          | 26392                                   | 1,39                                     | MHE 3280 |               |         | 212-213              |
|                                               | 40,2                                          | 24590                                   | 1,36                                     |          |               |         |                      |
|                                               | 47,8                                          | 20684                                   | 1,77                                     |          |               |         |                      |
|                                               | 60,3                                          | 16393                                   | 1,96                                     |          |               |         |                      |
|                                               | 40,1                                          | 25162                                   | 1,45                                     |          |               |         |                      |
|                                               | 47,8                                          | 21126                                   | 1,73                                     | MHE 2280 |               |         | 194-195              |
|                                               | 50,0                                          | 20198                                   | 1,82                                     |          |               |         |                      |
|                                               | 59,5                                          | 16960                                   | 2,10                                     |          |               |         |                      |
|                                               | 60,1                                          | 16775                                   | 2,09                                     |          |               |         |                      |
|                                               | 71,6                                          | 14084                                   | 2,49                                     |          |               |         |                      |
|                                               | 74,9                                          | 13465                                   | 2,63                                     |          |               |         |                      |
|                                               | 89,2                                          | 11306                                   | 3,03                                     |          |               |         |                      |
|                                               | 32,6                                          | 30285                                   | 1,00                                     |          |               |         |                      |
|                                               | 35,3                                          | 28034                                   | 1,00                                     |          |               |         |                      |
|                                               | 37,0                                          | 26755                                   | 1,08                                     |          |               |         |                      |
|                                               | 37,9                                          | 26082                                   | 1,11                                     | MHE 3250 |               |         | 210-211              |
|                                               | 40,2                                          | 24570                                   | 1,15                                     |          |               |         |                      |
|                                               | 45,6                                          | 21706                                   | 1,27                                     |          |               |         |                      |
|                                               | 49,0                                          | 20190                                   | 1,44                                     |          |               |         |                      |
|                                               | 60,4                                          | 16380                                   | 1,66                                     |          |               |         |                      |
|                                               | 40,0                                          | 25212                                   | 1,00                                     |          |               |         |                      |
|                                               | 47,7                                          | 21167                                   | 1,19                                     |          |               |         |                      |
|                                               | 50,0                                          | 20178                                   | 1,40                                     | MHE 2250 |               |         | 192-193              |
|                                               | 59,6                                          | 16939                                   | 1,69                                     |          |               |         |                      |
|                                               | 60,0                                          | 16808                                   | 1,44                                     |          |               |         |                      |
|                                               | 65,3                                          | 15456                                   | 1,85                                     |          |               |         |                      |
|                                               | 71,5                                          | 14111                                   | 1,72                                     |          |               |         |                      |
|                                               | 75,0                                          | 13452                                   | 2,02                                     |          |               |         |                      |
|                                               | 77,8                                          | 12974                                   | 2,21                                     |          |               |         |                      |
|                                               | 89,3                                          | 11293                                   | 2,44                                     |          |               |         |                      |
|                                               | 95,9                                          | 10523                                   | 2,48                                     |          |               |         |                      |
|                                               | 97,9                                          | 10304                                   | 2,67                                     |          |               |         |                      |
|                                               | 117                                           | 8650                                    | 3,19                                     |          |               |         |                      |
|                                               | 18,0                                          | 66070                                   | 1,18                                     | MHE 3360 |               |         | 216-217              |
|                                               | 18,8                                          | 63073                                   | 1,21                                     |          |               |         |                      |
|                                               | 19,3                                          | 61471                                   | 1,20                                     |          |               |         |                      |
|                                               | 19,9                                          | 59656                                   | 1,23                                     |          |               |         |                      |
|                                               | 20,1                                          | 58959                                   | 1,18                                     |          |               |         |                      |
|                                               | 21,6                                          | 54902                                   | 1,39                                     |          |               |         |                      |
|                                               | 23,2                                          | 51216                                   | 1,24                                     |          |               |         |                      |
|                                               | 23,2                                          | 51160                                   | 1,49                                     |          |               |         |                      |
|                                               | 24,2                                          | 48993                                   | 1,43                                     |          |               |         |                      |
|                                               | 25,2                                          | 47079                                   | 1,75                                     |          |               |         |                      |
|                                               | 26,5                                          | 44765                                   | 1,65                                     |          |               |         |                      |
|                                               | 28,2                                          | 42048                                   | 1,74                                     |          |               |         |                      |
|                                               | 29,0                                          | 40981                                   | 1,73                                     |          |               |         |                      |
|                                               | 29,8                                          | 39770                                   | 1,77                                     |          |               |         |                      |
|                                               | 30,9                                          | 38418                                   | 2,10                                     |          |               |         |                      |
|                                               | 33,6                                          | 35345                                   | 2,34                                     |          |               |         |                      |
|                                               | 34,8                                          | 34107                                   | 2,15                                     |          |               |         |                      |
|                                               | 37,8                                          | 31386                                   | 2,53                                     |          |               |         |                      |
|                                               | 39,8                                          | 29844                                   | 2,37                                     |          |               |         |                      |
|                                               | 41,4                                          | 28677                                   | 2,55                                     |          |               |         |                      |
|                                               | 46,3                                          | 25612                                   | 3,02                                     |          |               |         |                      |
|                                               | 40,5                                          | 29916                                   | 2,47                                     | MHE 2360 |               |         | 198-199              |

# MHE Tabella Prestazioni

## Performance Tables

**ZET**  
R e d ü k t ö r



| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 132                                           | 23,7                                          | 50156                                   | 1,02                                     | MHE 3320 | 63,4          | 315 MA4 | 214-215              |
|                                               | 24,4                                          | 48693                                   | 1,04                                     |          | 61,6          | 315 MA4 |                      |
|                                               | 25,3                                          | 46889                                   | 1,10                                     |          | 39,5          | 315 LA6 |                      |
|                                               | 26,2                                          | 45370                                   | 1,18                                     |          | 38,2          | 315 LA6 |                      |
|                                               | 28,4                                          | 41819                                   | 1,22                                     |          | 52,9          | 315 MA4 |                      |
|                                               | 29,1                                          | 40822                                   | 1,27                                     |          | 51,6          | 315 MA4 |                      |
|                                               | 29,6                                          | 40134                                   | 1,18                                     |          | 50,7          | 315 MA4 |                      |
|                                               | 31,0                                          | 38299                                   | 1,37                                     |          | 48,4          | 315 MA4 |                      |
|                                               | 31,2                                          | 38038                                   | 1,32                                     |          | 32,1          | 315 LA6 |                      |
|                                               | 31,8                                          | 37287                                   | 1,37                                     |          | 47,1          | 315 MA4 |                      |
|                                               | 33,7                                          | 35202                                   | 1,40                                     |          | 29,7          | 315 LA6 |                      |
|                                               | 35,7                                          | 33213                                   | 1,42                                     |          | 42,0          | 315 MA4 |                      |
|                                               | 38,0                                          | 31259                                   | 1,58                                     |          | 39,5          | 315 MA4 |                      |
|                                               | 38,1                                          | 31180                                   | 1,53                                     |          | 26,3          | 315 LA6 |                      |
|                                               | 39,2                                          | 30247                                   | 1,70                                     |          | 38,2          | 315 MA4 |                      |
|                                               | 41,5                                          | 28558                                   | 1,72                                     |          | 24,1          | 315 LA6 |                      |
|                                               | 46,8                                          | 25359                                   | 1,91                                     |          | 32,1          | 315 MA4 |                      |
|                                               | 50,6                                          | 23468                                   | 2,02                                     |          | 29,7          | 315 MA4 |                      |
|                                               | 50,7                                          | 23409                                   | 1,99                                     |          | 19,7          | 315 LA6 |                      |
|                                               | 50,7                                          | 23409                                   | 1,99                                     |          | 19,7          | 315 LA6 |                      |
|                                               | 57,1                                          | 20787                                   | 2,21                                     |          | 26,3          | 315 MA4 |                      |
|                                               | 62,3                                          | 19039                                   | 2,48                                     |          | 24,1          | 315 MA4 |                      |
|                                               | 76,0                                          | 15606                                   | 2,87                                     |          | 19,7          | 315 MA4 |                      |
|                                               | 39,9                                          | 30328                                   | 1,78                                     | MHE 2320 | 25,1          | 315 LA6 | 196-197              |
|                                               | 48,4                                          | 25001                                   | 1,89                                     |          | 20,7          | 315 LA6 |                      |
|                                               | 59,9                                          | 20218                                   | 2,57                                     |          | 25,1          | 315 MA4 |                      |
|                                               | 60,5                                          | 20000                                   | 2,28                                     |          | 16,5          | 315 LA6 |                      |
|                                               | 72,6                                          | 16667                                   | 2,73                                     | MHE 3280 | 20,7          | 315 MA4 | 212-213              |
|                                               | 31,9                                          | 37231                                   | 1,03                                     |          | 31,4          | 315 LA6 |                      |
|                                               | 36,1                                          | 32889                                   | 1,14                                     |          | 41,6          | 315 MA4 |                      |
|                                               | 37,5                                          | 31671                                   | 1,16                                     |          | 40,0          | 315 MA4 |                      |
|                                               | 40,2                                          | 29507                                   | 1,13                                     |          | 24,9          | 315 LA6 |                      |
|                                               | 47,8                                          | 24821                                   | 1,48                                     |          | 31,4          | 315 MA4 |                      |
|                                               | 60,3                                          | 19672                                   | 1,64                                     | MHE 2280 | 24,9          | 315 MA4 | 194-195              |
|                                               | 40,1                                          | 30194                                   | 1,21                                     |          | 24,9          | 315 LA6 |                      |
|                                               | 47,8                                          | 25352                                   | 1,44                                     |          | 20,9          | 315 LA6 |                      |
|                                               | 50,0                                          | 24238                                   | 1,52                                     |          | 20,0          | 315 LA6 |                      |
|                                               | 59,5                                          | 20352                                   | 1,75                                     |          | 16,8          | 315 LA6 |                      |
|                                               | 60,1                                          | 20130                                   | 1,74                                     |          | 24,9          | 315 MA4 |                      |
|                                               | 71,6                                          | 16901                                   | 2,08                                     |          | 20,9          | 315 MA4 |                      |
|                                               | 74,9                                          | 16159                                   | 2,19                                     |          | 20,0          | 315 MA4 |                      |
|                                               | 76,9                                          | 15751                                   | 2,27                                     |          | 13,0          | 315 LA6 |                      |
|                                               | 89,2                                          | 13568                                   | 2,53                                     |          | 16,8          | 315 MA4 |                      |
|                                               | 115                                           | 10501                                   | 3,28                                     |          | 13,0          | 315 MA4 |                      |
|                                               | 45,6                                          | 26047                                   | 1,06                                     | MHE 3250 | 32,9          | 315 MA4 | 210-211              |
|                                               | 49,0                                          | 24228                                   | 1,20                                     |          | 30,6          | 315 MA4 |                      |
|                                               | 60,4                                          | 19656                                   | 1,38                                     |          | 24,9          | 315 MA4 |                      |
|                                               | 50,0                                          | 24214                                   | 1,17                                     | MHE 2250 | 20,0          | 315 LA6 | 192-193              |
|                                               | 59,6                                          | 20327                                   | 1,41                                     |          | 16,8          | 315 LA6 |                      |
|                                               | 60,0                                          | 20170                                   | 1,20                                     |          | 25,0          | 315 MA4 |                      |
|                                               | 65,3                                          | 18548                                   | 1,54                                     |          | 15,3          | 315 LA6 |                      |
|                                               | 71,5                                          | 16933                                   | 1,43                                     |          | 21,0          | 315 MA4 |                      |
|                                               | 75,0                                          | 16142                                   | 1,68                                     |          | 20,0          | 315 MA4 |                      |
|                                               | 77,8                                          | 15569                                   | 1,84                                     |          | 12,9          | 315 LA6 |                      |
|                                               | 89,3                                          | 13552                                   | 2,03                                     |          | 16,8          | 315 MA4 |                      |

| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|----------|---------|----------------------|
| 132                                           | 95,9                                          | 12627                                   | 2,07                                     | MHE 2250 | 10,4     | 315 LA6 | 192-193              |
|                                               | 97,9                                          | 12365                                   | 2,22                                     |          | 15,3     | 315 MA4 |                      |
|                                               | 100                                           | 12058                                   | 2,39                                     |          | 9,96     | 315 LA6 |                      |
|                                               | 117                                           | 10380                                   | 2,66                                     |          | 12,9     | 315 MA4 |                      |
|                                               | 144                                           | 8418                                    | 2,98                                     |          | 10,4     | 315 MA4 |                      |
|                                               | 18,0                                          | 80085                                   | 0,97                                     | MHE 3360 | 83,5     | 315 MB4 | 216-217              |
| 160                                           | 18,8                                          | 76452                                   | 1,00                                     |          | 53,2     | 315 LB6 |                      |
|                                               | 19,9                                          | 72310                                   | 1,01                                     |          | 50,3     | 315 LB6 |                      |
|                                               | 20,1                                          | 71466                                   | 0,97                                     |          | 74,5     | 315 MB4 |                      |
|                                               | 21,6                                          | 66548                                   | 1,15                                     |          | 69,4     | 315 MB4 |                      |
|                                               | 23,2                                          | 62080                                   | 1,02                                     |          | 64,8     | 315 MB4 |                      |
|                                               | 23,2                                          | 62013                                   | 1,23                                     |          | 43,1     | 315 LB6 |                      |
|                                               | 24,2                                          | 59386                                   | 1,18                                     |          | 61,9     | 315 MB4 |                      |
|                                               | 25,2                                          | 57065                                   | 1,45                                     |          | 39,7     | 315 LB6 |                      |
|                                               | 26,5                                          | 54261                                   | 1,36                                     |          | 37,7     | 315 LB6 |                      |
|                                               | 28,2                                          | 50968                                   | 1,44                                     |          | 53,2     | 315 MB4 |                      |
|                                               | 29,0                                          | 49673                                   | 1,42                                     |          | 51,8     | 315 MB4 |                      |
|                                               | 29,8                                          | 48206                                   | 1,46                                     |          | 50,3     | 315 MB4 |                      |
|                                               | 30,9                                          | 46567                                   | 1,73                                     |          | 32,4     | 315 LB6 |                      |
|                                               | 33,6                                          | 42842                                   | 1,93                                     |          | 29,8     | 315 LB6 |                      |
|                                               | 34,8                                          | 41342                                   | 1,77                                     |          | 43,1     | 315 MB4 |                      |
|                                               | 37,8                                          | 38044                                   | 2,09                                     |          | 39,7     | 315 MB4 |                      |
|                                               | 39,8                                          | 36174                                   | 1,96                                     |          | 37,7     | 315 MB4 |                      |
|                                               | 41,4                                          | 34760                                   | 2,10                                     |          | 24,2     | 315 LB6 |                      |
|                                               | 46,3                                          | 31045                                   | 2,49                                     |          | 32,4     | 315 MB4 |                      |
|                                               | 50,4                                          | 28561                                   | 2,78                                     |          | 29,8     | 315 MB4 |                      |
|                                               | 62,1                                          | 23173                                   | 3,03                                     |          | 24,2     | 315 MB4 |                      |
|                                               | 40,5                                          | 36262                                   | 2,03                                     | MHE 2360 | 24,7     | 315 LB6 | 198-199              |
|                                               | 47,2                                          | 31111                                   | 2,21                                     |          | 21,2     | 315 LB6 |                      |
|                                               | 50,6                                          | 29012                                   | 2,54                                     |          | 19,8     | 315 LB6 |                      |
|                                               | 60,7                                          | 24174                                   | 2,93                                     |          | 24,7     | 315 MB4 |                      |
|                                               | 63,2                                          | 23230                                   | 2,22                                     |          | 15,8     | 315 LB6 |                      |
|                                               | 70,8                                          | 20741                                   | 3,19                                     |          | 21,2     | 315 MB4 |                      |
|                                               | 28,4                                          | 50690                                   | 1,01                                     | MHE 3320 | 52,9     | 315 MB4 | 214-215              |
|                                               | 29,1                                          | 49482                                   | 1,05                                     |          | 51,6     | 315 MB4 |                      |
|                                               | 29,6                                          | 48648                                   | 0,98                                     |          | 50,7     | 315 MB4 |                      |
|                                               | 31,0                                          | 46423                                   | 1,13                                     |          | 48,4     | 315 MB4 |                      |
|                                               | 31,2                                          | 46107                                   | 1,09                                     |          | 32,1     | 315 LB6 |                      |
|                                               | 31,8                                          | 45196                                   | 1,13                                     |          | 47,1     | 315 MB4 |                      |
|                                               | 33,7                                          | 42670                                   | 1,16                                     |          | 29,7     | 315 LB6 |                      |
|                                               | 35,7                                          | 40258                                   | 1,17                                     |          | 42,0     | 315 MB4 |                      |
|                                               | 38,0                                          | 37890                                   | 1,31                                     |          | 39,5     | 315 MB4 |                      |
|                                               | 38,1                                          | 37794                                   | 1,27                                     |          | 26,3     | 315 LB6 |                      |
|                                               | 39,2                                          | 36663                                   | 1,40                                     |          | 38,2     | 315 MB4 |                      |
|                                               | 41,5                                          | 34616                                   | 1,42                                     |          | 24,1     | 315 LB6 |                      |
|                                               | 46,8                                          | 30738                                   | 1,58                                     |          | 32,1     | 315 MB4 |                      |
|                                               | 50,6                                          | 28446                                   | 1,67                                     |          | 29,7     | 315 MB4 |                      |
|                                               | 50,7                                          | 28375                                   | 1,64                                     |          | 19,7     | 315 LB6 |                      |
|                                               | 57,1                                          | 25196                                   | 1,83                                     |          | 26,3     | 315 MB4 |                      |
|                                               | 62,3                                          | 23077                                   | 2,05                                     |          | 24,1     | 315 MB4 |                      |
|                                               | 76,0                                          | 18916                                   | 2,37                                     |          | 19,7     | 315 MB4 |                      |
|                                               | 39,9                                          | 36761                                   | 1,47                                     | MHE 2320 | 25,1     | 315 LB6 | 196-197              |
|                                               | 48,4                                          | 30304                                   | 1,56                                     |          | 20,7     | 315 LB6 |                      |
|                                               | 59,9                                          | 24507                                   | 2,12                                     |          | 25,1     | 315 MB4 |                      |
|                                               | 60,5                                          | 24243                                   | 1,88                                     |          | 16,5     | 315 LB6 |                      |



| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 160                                           | 72,6                                          | 20202                                   | 2,25                                     | MHE 2320 | 20,7          | 315 MB4 | 196-197              |
|                                               | 79,3                                          | 18505                                   | 2,51                                     |          | 12,6          | 315 LB6 |                      |
|                                               | 90,8                                          | 16162                                   | 2,71                                     |          | 16,5          | 315 MB4 |                      |
|                                               | 47,8                                          | 30086                                   | 1,22                                     | MHE 3280 | 31,4          | 315 MB4 | 212-213              |
|                                               | 60,3                                          | 23844                                   | 1,35                                     |          | 24,9          | 315 MB4 |                      |
|                                               | 47,8                                          | 30729                                   | 1,19                                     |          | 20,9          | 315 LB6 |                      |
|                                               | 50,0                                          | 29379                                   | 1,25                                     | MHE 2280 | 20,0          | 315 LB6 | 194-195              |
|                                               | 59,5                                          | 24669                                   | 1,45                                     |          | 16,8          | 315 LB6 |                      |
|                                               | 60,1                                          | 24399                                   | 1,43                                     |          | 24,9          | 315 MB4 |                      |
|                                               | 71,6                                          | 20486                                   | 1,71                                     |          | 20,9          | 315 MB4 |                      |
|                                               | 74,9                                          | 19586                                   | 1,81                                     |          | 20,0          | 315 MB4 |                      |
|                                               | 76,9                                          | 19092                                   | 1,87                                     |          | 13,0          | 315 LB6 |                      |
|                                               | 89,2                                          | 16446                                   | 2,09                                     |          | 16,8          | 315 MB4 |                      |
|                                               | 98,0                                          | 14968                                   | 2,43                                     |          | 10,2          | 315 LB6 |                      |
|                                               | 115                                           | 12728                                   | 2,70                                     |          | 13,0          | 315 MB4 |                      |
|                                               | 49,0                                          | 29367                                   | 0,99                                     | MHE 3250 | 30,6          | 315 MB4 | 210-211              |
|                                               | 60,4                                          | 23825                                   | 1,14                                     |          | 24,9          | 315 MB4 |                      |
|                                               | 59,6                                          | 24639                                   | 1,16                                     |          | 16,8          | 315 LB6 |                      |
|                                               | 60,0                                          | 24448                                   | 0,99                                     | MHE 2250 | 25,0          | 315 MB4 | 192-193              |
|                                               | 65,3                                          | 22482                                   | 1,27                                     |          | 15,3          | 315 LB6 |                      |
|                                               | 71,5                                          | 20525                                   | 1,18                                     |          | 21,0          | 315 MB4 |                      |
|                                               | 75,0                                          | 19567                                   | 1,39                                     |          | 20,0          | 315 MB4 |                      |
|                                               | 77,8                                          | 18872                                   | 1,52                                     |          | 12,9          | 315 LB6 |                      |
|                                               | 89,3                                          | 16426                                   | 1,67                                     |          | 16,8          | 315 MB4 |                      |
|                                               | 95,9                                          | 15306                                   | 1,71                                     |          | 10,4          | 315 LB6 |                      |
|                                               | 97,9                                          | 14988                                   | 1,83                                     |          | 15,3          | 315 MB4 |                      |
|                                               | 100                                           | 14616                                   | 1,97                                     |          | 9,96          | 315 LB6 |                      |
|                                               | 117                                           | 12581                                   | 2,19                                     |          | 12,9          | 315 MB4 |                      |
|                                               | 124                                           | 11857                                   | 2,21                                     |          | 8,08          | 315 LB6 |                      |
|                                               | 129                                           | 11417                                   | 2,40                                     |          | 7,78          | 315 LB6 |                      |
|                                               | 144                                           | 10204                                   | 2,46                                     |          | 10,4          | 315 MB4 |                      |
|                                               | 151                                           | 9744                                    | 2,84                                     |          | 9,96          | 315 MB4 |                      |
|                                               | 186                                           | 7905                                    | 3,19                                     |          | 8,08          | 315 MB4 |                      |
| 185                                           | 24,2                                          | 68665                                   | 1,02                                     | MHE 3360 | 61,9          | 315 LA4 | 216-217              |
|                                               | 28,2                                          | 58931                                   | 1,24                                     |          | 53,2          | 315 LA4 |                      |
|                                               | 29,0                                          | 57435                                   | 1,23                                     |          | 51,8          | 315 LA4 |                      |
|                                               | 29,8                                          | 55739                                   | 1,26                                     |          | 50,3          | 315 LA4 |                      |
|                                               | 34,8                                          | 47801                                   | 1,53                                     |          | 43,1          | 315 LA4 |                      |
|                                               | 37,8                                          | 43988                                   | 1,81                                     |          | 39,7          | 315 LA4 |                      |
|                                               | 39,8                                          | 41826                                   | 1,69                                     |          | 37,7          | 315 LA4 |                      |
|                                               | 46,3                                          | 35895                                   | 2,16                                     |          | 32,4          | 315 LA4 |                      |
|                                               | 50,4                                          | 33024                                   | 2,41                                     |          | 29,8          | 315 LA4 |                      |
|                                               | 62,1                                          | 26794                                   | 2,62                                     |          | 24,2          | 315 LA4 |                      |
|                                               | 60,7                                          | 27952                                   | 2,54                                     | MHE 2360 | 24,7          | 315 LA4 | 198-199              |
|                                               | 70,8                                          | 23981                                   | 2,76                                     |          | 21,2          | 315 LA4 |                      |
|                                               | 75,9                                          | 22364                                   | 3,17                                     |          | 19,8          | 315 LA4 |                      |
|                                               | 88,4                                          | 19196                                   | 3,95                                     |          | 17,0          | 315 LA4 |                      |
|                                               | 94,8                                          | 17907                                   | 2,76                                     |          | 15,8          | 315 LA4 |                      |
|                                               | 99,1                                          | 17126                                   | 4,12                                     |          | 15,1          | 315 LA4 |                      |
|                                               | 115                                           | 14694                                   | 4,56                                     |          | 13,0          | 315 LA4 |                      |
|                                               | 155                                           | 10973                                   | 4,56                                     | MHE 3320 | 9,70          | 315 LA4 | 214-215              |
|                                               | 31,0                                          | 53677                                   | 0,98                                     |          | 48,4          | 315 LA4 |                      |
|                                               | 31,8                                          | 52258                                   | 0,98                                     |          | 47,1          | 315 LA4 |                      |
|                                               | 35,7                                          | 46549                                   | 1,01                                     |          | 42,0          | 315 LA4 |                      |
|                                               | 38,0                                          | 43811                                   | 1,13                                     |          | 39,5          | 315 LA4 |                      |

| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|----------|---------|----------------------|
| 185                                           | 39,2                                          | 42392                                   | 1,21                                     | MHE 3320 | 38,2     | 315 LA4 | 214-215              |
|                                               | 46,8                                          | 35541                                   | 1,36                                     |          | 32,1     | 315 LA4 |                      |
|                                               | 50,6                                          | 32891                                   | 1,44                                     |          | 29,7     | 315 LA4 |                      |
|                                               | 57,1                                          | 29133                                   | 1,58                                     |          | 26,3     | 315 LA4 |                      |
|                                               | 62,3                                          | 26683                                   | 1,77                                     |          | 24,1     | 315 LA4 |                      |
|                                               | 76,0                                          | 21872                                   | 2,05                                     |          | 19,7     | 315 LA4 |                      |
|                                               | 59,9                                          | 28336                                   | 1,83                                     | MHE 2320 | 25,1     | 315 LA4 | 196-197              |
|                                               | 72,6                                          | 23359                                   | 1,95                                     |          | 20,7     | 315 LA4 |                      |
|                                               | 90,8                                          | 18687                                   | 2,34                                     |          | 16,5     | 315 LA4 |                      |
|                                               | 119                                           | 14264                                   | 3,13                                     |          | 12,6     | 315 LA4 |                      |
|                                               | 145                                           | 11697                                   | 3,33                                     |          | 10,3     | 315 LA4 |                      |
|                                               | 155                                           | 10927                                   | 4,06                                     |          | 9,66     | 315 LA4 |                      |
|                                               | 189                                           | 8959                                    | 4,57                                     |          | 7,92     | 315 LA4 |                      |
|                                               | 234                                           | 7262                                    | 5,14                                     |          | 6,42     | 315 LA4 |                      |
|                                               | 47,8                                          | 34787                                   | 1,05                                     | MHE 3280 | 31,4     | 315 LA4 | 212-213              |
|                                               | 60,3                                          | 27570                                   | 1,17                                     |          | 24,9     | 315 LA4 |                      |
|                                               | 60,1                                          | 28212                                   | 1,24                                     |          | 24,9     | 315 LA4 |                      |
|                                               | 71,6                                          | 23687                                   | 1,48                                     | MHE 2280 | 20,9     | 315 LA4 | 194-195              |
|                                               | 74,9                                          | 22646                                   | 1,56                                     |          | 20,0     | 315 LA4 |                      |
|                                               | 89,2                                          | 19015                                   | 1,80                                     |          | 16,8     | 315 LA4 |                      |
|                                               | 115                                           | 14717                                   | 2,34                                     |          | 13,0     | 315 LA4 |                      |
|                                               | 147                                           | 11538                                   | 3,03                                     |          | 10,2     | 315 LA4 |                      |
|                                               | 186                                           | 9140                                    | 3,52                                     |          | 8,08     | 315 LA4 |                      |
|                                               | 237                                           | 7149                                    | 4,31                                     |          | 6,32     | 315 LA4 |                      |
|                                               | 71,5                                          | 23732                                   | 1,02                                     | MHE 2250 | 21,0     | 315 LA4 | 192-193              |
|                                               | 75,0                                          | 22624                                   | 1,20                                     |          | 20,0     | 315 LA4 |                      |
|                                               | 89,3                                          | 18993                                   | 1,45                                     |          | 16,8     | 315 LA4 |                      |
|                                               | 97,9                                          | 17330                                   | 1,59                                     |          | 15,3     | 315 LA4 |                      |
|                                               | 117                                           | 14547                                   | 1,90                                     |          | 12,9     | 315 LA4 |                      |
|                                               | 144                                           | 11798                                   | 2,13                                     |          | 10,4     | 315 LA4 |                      |
|                                               | 151                                           | 11267                                   | 2,46                                     |          | 9,96     | 315 LA4 |                      |
|                                               | 186                                           | 9140                                    | 2,76                                     |          | 8,08     | 315 LA4 |                      |
|                                               | 193                                           | 8801                                    | 2,99                                     |          | 7,78     | 315 LA4 |                      |
|                                               | 238                                           | 7138                                    | 3,35                                     |          | 6,31     | 315 LA4 |                      |
| 200                                           | 25,2                                          | 71332                                   | 1,16                                     | MHE 3360 | 39,7     | 355 MB6 | 216-217              |
|                                               | 26,5                                          | 67826                                   | 1,09                                     |          | 37,7     | 355 MB6 |                      |
|                                               | 28,2                                          | 63710                                   | 1,15                                     |          | 53,2     | 315 LB4 |                      |
|                                               | 29,0                                          | 62092                                   | 1,14                                     |          | 51,8     | 315 LB4 |                      |
|                                               | 29,8                                          | 60258                                   | 1,17                                     |          | 50,3     | 315 LB4 |                      |
|                                               | 30,9                                          | 58209                                   | 1,38                                     |          | 32,4     | 355 MB6 |                      |
|                                               | 33,6                                          | 53553                                   | 1,54                                     |          | 29,8     | 355 MB6 |                      |
|                                               | 34,8                                          | 51677                                   | 1,42                                     |          | 43,1     | 315 LB4 |                      |
|                                               | 37,8                                          | 47555                                   | 1,67                                     |          | 39,7     | 315 LB4 |                      |
|                                               | 39,8                                          | 45218                                   | 1,57                                     |          | 37,7     | 315 LB4 |                      |
|                                               | 41,4                                          | 43450                                   | 1,68                                     | MHE 2360 | 24,2     | 355 MB6 | 198-199              |
|                                               | 46,3                                          | 38806                                   | 1,99                                     |          | 32,4     | 315 LB4 |                      |
|                                               | 50,4                                          | 35702                                   | 2,23                                     |          | 29,8     | 315 LB4 |                      |
|                                               | 62,1                                          | 28967                                   | 2,43                                     |          | 24,2     | 315 LB4 |                      |
|                                               | 40,5                                          | 45327                                   | 1,63                                     |          | 24,7     | 355 MB6 |                      |
|                                               | 47,2                                          | 38889                                   | 1,77                                     |          | 21,2     | 355 MB6 |                      |
|                                               | 50,6                                          | 36265                                   | 2,03                                     |          | 19,8     | 355 MB6 |                      |
|                                               | 58,9                                          | 31129                                   | 2,53                                     |          | 17,0     | 355 MB6 |                      |
|                                               | 60,7                                          | 30218                                   | 2,35                                     |          | 24,7     | 315 LB4 |                      |
|                                               | 63,2                                          | 29038                                   | 1,77                                     |          | 15,8     | 355 MB6 |                      |
|                                               | 66,1                                          | 27772                                   | 2,64                                     |          | 15,1     | 355 MB6 |                      |

# MHE Tabella Prestazioni

## Performance Tables

**ZET**  
R e d ü k t ö r



| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 200                                           | 70,8                                          | 25926                                   | 2,55                                     | MHE 2360 | 21,2          | 315 LB4 | 198-199              |
|                                               | 75,9                                          | 24177                                   | 2,93                                     |          | 19,8          | 315 LB4 |                      |
|                                               | 77,0                                          | 23828                                   | 2,92                                     |          | 13,0          | 355 MB6 |                      |
|                                               | 88,4                                          | 20753                                   | 3,65                                     |          | 17,0          | 315 LB4 |                      |
|                                               | 94,8                                          | 19359                                   | 2,56                                     |          | 15,8          | 315 LB4 |                      |
|                                               | 99,1                                          | 18515                                   | 3,81                                     |          | 15,1          | 315 LB4 |                      |
|                                               | 103                                           | 17793                                   | 2,92                                     |          | 9,70          | 355 MB6 |                      |
|                                               | 115                                           | 15886                                   | 4,22                                     |          | 13,0          | 315 LB4 |                      |
|                                               | 155                                           | 11862                                   | 4,22                                     |          | 9,70          | 315 LB4 |                      |
|                                               | 38,0                                          | 47363                                   | 1,04                                     | MHE 3320 | 39,5          | 315 LB4 | 214-215              |
|                                               | 38,1                                          | 47243                                   | 1,01                                     |          | 26,3          | 355 MB6 |                      |
|                                               | 39,2                                          | 45829                                   | 1,12                                     |          | 38,2          | 315 LB4 |                      |
|                                               | 41,5                                          | 43270                                   | 1,14                                     |          | 24,1          | 355 MB6 |                      |
|                                               | 46,8                                          | 38422                                   | 1,26                                     |          | 32,1          | 315 LB4 |                      |
|                                               | 50,6                                          | 35558                                   | 1,33                                     |          | 29,7          | 315 LB4 |                      |
|                                               | 50,7                                          | 35468                                   | 1,32                                     |          | 19,7          | 355 MB6 |                      |
|                                               | 57,1                                          | 31495                                   | 1,46                                     |          | 26,3          | 315 LB4 |                      |
|                                               | 62,3                                          | 28847                                   | 1,64                                     |          | 24,1          | 315 LB4 |                      |
|                                               | 76,0                                          | 23645                                   | 1,90                                     |          | 19,7          | 315 LB4 |                      |
|                                               | 39,9                                          | 45951                                   | 1,18                                     | MHE 2320 | 25,1          | 355 MB6 | 196-197              |
|                                               | 48,4                                          | 37880                                   | 1,25                                     |          | 20,7          | 355 MB6 |                      |
|                                               | 59,9                                          | 30634                                   | 1,70                                     |          | 25,1          | 315 LB4 |                      |
|                                               | 60,5                                          | 30304                                   | 1,50                                     |          | 16,5          | 355 MB6 |                      |
|                                               | 72,6                                          | 25253                                   | 1,80                                     |          | 20,7          | 315 LB4 |                      |
|                                               | 79,3                                          | 23131                                   | 2,01                                     |          | 12,6          | 355 MB6 |                      |
|                                               | 90,8                                          | 20202                                   | 2,17                                     |          | 16,5          | 315 LB4 |                      |
|                                               | 96,7                                          | 18967                                   | 2,13                                     |          | 10,3          | 355 MB6 |                      |
|                                               | 104                                           | 17720                                   | 2,61                                     |          | 9,66          | 355 MB6 |                      |
|                                               | 119                                           | 15421                                   | 2,89                                     |          | 12,6          | 315 LB4 |                      |
|                                               | 126                                           | 14528                                   | 2,93                                     |          | 7,92          | 355 MB6 |                      |
|                                               | 145                                           | 12645                                   | 3,08                                     |          | 10,3          | 315 LB4 |                      |
|                                               | 155                                           | 11813                                   | 3,76                                     |          | 9,66          | 315 LB4 |                      |
|                                               | 156                                           | 11777                                   | 3,30                                     |          | 6,42          | 355 MB6 |                      |
|                                               | 189                                           | 9685                                    | 4,22                                     |          | 7,92          | 315 LB4 |                      |
|                                               | 234                                           | 7851                                    | 4,76                                     |          | 6,42          | 315 LB4 |                      |
|                                               | 60,3                                          | 29805                                   | 1,08                                     | MHE 3280 | 24,9          | 315 LB4 | 212-213              |
|                                               | 50,0                                          | 36724                                   | 1,00                                     | MHE 2280 | 20,0          | 355 MB6 | 194-195              |
|                                               | 59,5                                          | 30836                                   | 1,16                                     |          | 16,8          | 355 MB6 |                      |
|                                               | 60,1                                          | 30499                                   | 1,15                                     |          | 24,9          | 315 LB4 |                      |
|                                               | 71,6                                          | 25608                                   | 1,37                                     |          | 20,9          | 315 LB4 |                      |
|                                               | 74,9                                          | 24483                                   | 1,45                                     |          | 20,0          | 315 LB4 |                      |
|                                               | 76,9                                          | 23865                                   | 1,50                                     |          | 13,0          | 355 MB6 |                      |
|                                               | 89,2                                          | 20557                                   | 1,67                                     |          | 16,8          | 315 LB4 |                      |
|                                               | 98,0                                          | 18711                                   | 1,95                                     |          | 10,2          | 355 MB6 |                      |
|                                               | 115                                           | 15910                                   | 2,16                                     |          | 13,0          | 315 LB4 |                      |
|                                               | 124                                           | 14822                                   | 2,26                                     |          | 8,08          | 355 MB6 |                      |
|                                               | 147                                           | 12474                                   | 2,81                                     |          | 10,2          | 315 LB4 |                      |
|                                               | 158                                           | 11593                                   | 2,76                                     |          | 6,32          | 355 MB6 |                      |
|                                               | 186                                           | 9881                                    | 3,25                                     |          | 8,08          | 315 LB4 |                      |
|                                               | 237                                           | 7729                                    | 3,99                                     |          | 6,32          | 315 LB4 |                      |
|                                               | 65,3                                          | 28102                                   | 1,02                                     | MHE 2250 | 15,3          | 355 MB6 | 192-193              |
|                                               | 75,0                                          | 24458                                   | 1,11                                     |          | 20,0          | 315 LB4 |                      |
|                                               | 77,8                                          | 23590                                   | 1,22                                     |          | 12,9          | 355 MB6 |                      |
|                                               | 89,3                                          | 20533                                   | 1,34                                     |          | 16,8          | 315 LB4 |                      |
|                                               | 95,9                                          | 19132                                   | 1,31                                     |          | 10,4          | 355 MB6 |                      |

| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|----------|---------|----------------------|
| 200                                           | 95,9                                          | 19132                                   | 1,36                                     | MHE 2250 | 10,4     | 355 MB6 | 192-193              |
|                                               | 97,9                                          | 18735                                   | 1,47                                     |          | 15,3     | 315 LB4 |                      |
|                                               | 100                                           | 18270                                   | 1,58                                     |          | 9,96     | 355 MB6 |                      |
|                                               | 117                                           | 15727                                   | 1,75                                     |          | 12,9     | 315 LB4 |                      |
|                                               | 124                                           | 14822                                   | 1,77                                     |          | 8,08     | 355 MB6 |                      |
|                                               | 129                                           | 14271                                   | 1,92                                     |          | 7,78     | 355 MB6 |                      |
|                                               | 144                                           | 12755                                   | 1,97                                     |          | 10,4     | 315 LB4 |                      |
|                                               | 151                                           | 12180                                   | 2,27                                     |          | 9,96     | 315 LB4 |                      |
|                                               | 158                                           | 11575                                   | 2,15                                     |          | 6,31     | 355 MB6 |                      |
|                                               | 186                                           | 9881                                    | 2,55                                     |          | 8,08     | 315 LB4 |                      |
|                                               | 193                                           | 9514                                    | 2,76                                     |          | 7,78     | 315 LB4 |                      |
|                                               | 238                                           | 7717                                    | 3,10                                     |          | 6,31     | 315 LB4 |                      |



Fattori di servizio per combinazione riduttore con motore 1500rpm 4 poli

The connectivity of gearboxes with 1500 rpm and 4 poles motors and the service factor value for possible combinations listed in the following tables.

|                  | 2,2 kW<br>100 LA4 | 3 kW<br>100 LB4 | 4 kW<br>112 M4 | 5,5 kW<br>132 S4 | 7,5 kW<br>132 MA4 | 11 kW<br>160 M4 | 15 kW<br>160 L4 | 18,5 kW<br>180 M4 | 22 kW<br>180 L4 | 30 kW<br>200 L4 | 37 kW<br>225 S4 | 45 kW<br>225 M4 | 55 kW<br>250 M4 | 75 kW<br>280 S4 | 90 kW<br>280 M4 | 110 kW<br>315 S4 | 132 kW<br>315 MA4 | 160 kW<br>315 MB4 | 185 kW<br>315 LA4 | 200 kW<br>315 LB4 |
|------------------|-------------------|-----------------|----------------|------------------|-------------------|-----------------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|-------------------|-------------------|-------------------|-------------------|
| MHE 2125 - 6,42  |                   |                 |                |                  |                   |                 |                 | 4,78              | 4,02            | 2,95            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 2125 - 7,79  |                   |                 |                |                  |                   |                 |                 | 4,03              | 3,39            | 2,48            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 2125 - 8,36  |                   |                 |                |                  |                   |                 |                 | 3,81              | 3,20            | 2,35            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 2125 - 10,1  |                   |                 |                |                  |                   |                 |                 | 3,12              | 2,62            | 1,92            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 2125 - 10,8  |                   |                 |                |                  |                   |                 | 2,85            | 2,31              | 1,94            | 1,43            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 2125 - 12,5  |                   |                 |                |                  |                   |                 | 3,09            | 2,50              | 2,11            | 1,54            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 2125 - 15,8  |                   |                 |                |                  |                   | 3,33            | 2,44            | 1,98              | 1,66            | 1,22            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 2125 - 16,2  |                   |                 |                |                  |                   | 2,56            | 1,88            | 1,52              | 1,28            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 2125 - 18,5  |                   |                 |                |                  | 3,26              | 2,23            | 1,63            | 1,32              | 1,11            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 2125 - 20,4  |                   |                 |                |                  | 2,96              | 2,02            | 1,48            | 1,20              | 1,01            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 2125 - 23,3  |                   |                 |                |                  | 2,59              | 1,76            | 1,29            | 1,05              |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 2140 - 8,00  |                   |                 |                |                  |                   |                 |                 | 4,59              | 3,86            | 2,83            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 2140 - 9,70  |                   |                 |                |                  |                   |                 |                 | 3,84              | 3,23            | 2,37            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 2140 - 10,6  |                   |                 |                |                  |                   |                 |                 | 3,35              | 2,82            | 2,07            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 2140 - 12,0  |                   |                 |                |                  |                   |                 |                 | 3,16              | 2,66            | 1,95            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 2140 - 15,1  |                   |                 |                |                  |                   |                 | 2,91            | 2,36              | 1,99            | 1,46            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 2140 - 15,9  |                   |                 |                |                  |                   |                 | 2,87            | 2,33              | 1,96            | 1,44            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 2140 - 20,0  |                   |                 |                |                  |                   | 3,11            | 2,28            | 1,85              | 1,56            | 1,14            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 2140 - 24,6  |                   |                 |                |                  | 3,15              | 2,15            | 1,58            | 1,28              | 1,07            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3140 - 25,5  |                   |                 |                |                  | 2,82              | 1,92            | 1,41            | 1,14              |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3140 - 30,9  |                   |                 |                |                  | 2,48              | 1,69            | 1,24            | 1,01              |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3140 - 33,8  |                   |                 |                |                  | 2,65              | 1,81            | 1,33            | 1,08              |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3140 - 38,3  |                   |                 |                | 3,09             | 2,26              | 1,54            | 1,13            |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3140 - 40,3  |                   |                 |                | 2,63             | 1,93              | 1,32            | 0,97            |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3140 - 41,0  |                   |                 |                | 3,15             | 2,31              | 1,58            | 1,16            |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3140 - 44,0  |                   |                 |                | 2,83             | 2,07              | 1,41            | 1,04            |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3140 - 48,3  |                   |                 | 3,02           | 2,20             | 1,61              | 1,10            |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3140 - 50,0  |                   |                 | 3,13           | 2,28             | 1,67              | 1,14            |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3140 - 50,8  |                   |                 | 3,49           | 2,54             | 1,86              | 1,27            |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3140 - 53,4  |                   |                 | 3,32           | 2,41             | 1,77              | 1,21            |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3140 - 64,0  |                   |                 | 2,77           | 2,02             | 1,48              | 1,01            |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3140 - 66,2  |                   |                 | 2,68           | 1,95             | 1,43              | 0,97            |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3140 - 69,7  |                   | 3,29            | 2,47           | 1,79             | 1,32              |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3140 - 78,5  |                   | 3,06            | 2,30           | 1,67             | 1,23              |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3140 - 86,3  |                   | 2,82            | 2,12           | 1,54             | 1,13              |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3140 - 98,8  | 3,22              | 2,36            | 1,77           | 1,29             |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3140 - 108,7 | 2,93              | 2,15            | 1,61           | 1,17             |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3140 - 133   | 2,11              | 1,55            | 1,16           |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |



|                 | 2,2 kW<br>100 LA4 | 3 kW<br>100 LB4 | 4 kW<br>112 M4 | 5,5 kW<br>132 S4 | 7,5 kW<br>132 MA4 | 11 kW<br>160 M4 | 15 kW<br>160 L4 | 18,5 kW<br>180 M4 | 22 kW<br>180 L4 | 30 kW<br>200 L4 | 37 kW<br>225 S4 | 45 kW<br>225 M4 | 55 kW<br>250 M4 | 75 kW<br>280 S4 | 90 kW<br>280 M4 | 110 kW<br>315 S4 | 132 kW<br>315 MA4 | 160 kW<br>315 MB4 | 185 kW<br>315 LA4 | 200 kW<br>315 LB4 |
|-----------------|-------------------|-----------------|----------------|------------------|-------------------|-----------------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|-------------------|-------------------|-------------------|-------------------|
| MHE 2160 - 6,35 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 | 4,91            | 4,03            | 3,30            |                 |                 |                  |                   |                   |                   |                   |
| MHE 2160 - 7,82 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 | 4,24            | 3,49            | 2,85            |                 |                 |                  |                   |                   |                   |                   |
| MHE 2160 - 8,27 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 | 3,86            | 3,17            | 2,60            |                 |                 |                  |                   |                   |                   |                   |
| MHE 2160 - 10,1 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 | 3,32            | 2,73            | 2,23            |                 |                 |                  |                   |                   |                   |                   |
| MHE 2160 - 12,3 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 | 2,15            | 1,77            | 1,44            |                 |                 |                  |                   |                   |                   |                   |
| MHE 2160 - 13,1 |                   |                 |                |                  |                   |                 |                 |                   |                 | 3,23            | 2,62            | 2,15            | 1,76            |                 |                 |                  |                   |                   |                   |                   |
| MHE 2160 - 15,0 |                   |                 |                |                  |                   |                 |                 | 3,29              | 2,77            | 2,03            | 1,65            | 1,35            | 1,11            |                 |                 |                  |                   |                   |                   |                   |
| MHE 2160 - 16,9 |                   |                 |                |                  |                   |                 |                 | 3,34              | 2,81            | 2,06            | 1,67            | 1,37            | 1,12            |                 |                 |                  |                   |                   |                   |                   |
| MHE 2160 - 19,3 |                   |                 |                |                  |                   |                 |                 | 2,94              | 2,47            | 1,81            | 1,47            | 1,21            | 0,99            |                 |                 |                  |                   |                   |                   |                   |
| MHE 2160 - 20,7 |                   |                 |                |                  |                   |                 | 3,10            | 2,51              | 2,11            | 1,55            | 1,26            | 1,03            |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 2160 - 23,7 |                   |                 |                |                  |                   |                 | 2,67            | 2,16              | 1,82            | 1,33            | 1,08            |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 19,5 |                   |                 |                |                  |                   |                 | 3,30            | 2,67              | 2,25            | 1,65            | 1,34            | 1,10            |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 22,8 |                   |                 |                |                  |                   |                 | 2,82            | 2,29              | 1,92            | 1,41            | 1,14            |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 24,0 |                   |                 |                |                  |                   |                 | 3,30            | 2,67              | 2,25            | 1,65            | 1,34            | 1,10            |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 25,3 |                   |                 |                |                  |                   |                 | 2,70            | 2,19              | 1,84            | 1,35            | 1,09            |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 28,1 |                   |                 |                |                  |                   |                 | 2,82            | 2,29              | 1,93            | 1,41            | 1,15            |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 29,7 |                   |                 |                |                  |                   |                 | 2,36            | 1,91              | 1,61            | 1,18            | 0,95            |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 31,2 |                   |                 |                |                  |                   |                 | 2,70            | 2,19              | 1,84            | 1,35            | 1,10            |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 32,8 |                   |                 |                |                  |                   | 2,98            | 2,19            | 1,77              | 1,49            | 1,09            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 36,6 |                   |                 |                |                  |                   | 3,20            | 2,35            | 1,90              | 1,60            | 1,17            | 0,95            |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 37,9 |                   |                 |                |                  |                   | 2,34            | 1,72            | 1,39              | 1,17            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 40,3 |                   |                 |                |                  |                   | 2,40            | 1,76            | 1,43              | 1,20            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 40,4 |                   |                 |                |                  |                   | 2,74            | 2,01            | 1,63              | 1,37            | 1,01            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 44,4 |                   |                 |                |                  | 2,92              | 1,99            | 1,46            | 1,18              | 0,99            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 46,2 |                   |                 |                |                  | 3,33              | 2,27            | 1,66            | 1,35              | 1,13            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 47,3 |                   |                 |                |                  | 3,45              | 2,35            | 1,73            | 1,40              | 1,18            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 49,3 |                   |                 |                |                  | 2,61              | 1,78            | 1,31            | 1,06              |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 52,1 |                   |                 |                |                  | 2,61              | 1,78            | 1,31            | 1,06              |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 54,1 |                   |                 |                |                  | 2,83              | 1,93            | 1,41            | 1,15              | 0,96            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 57,8 |                   |                 |                | 3,06             | 2,24              | 1,53            | 1,12            |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 59,5 |                   |                 |                | 3,21             | 2,35              | 1,60            | 1,18            |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 61,0 |                   |                 |                | 3,14             | 2,30              | 1,57            | 1,15            |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 63,7 |                   |                 |                | 2,76             | 2,02              | 1,38            | 1,01            |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 69,8 |                   |                 |                | 2,76             | 2,02              | 1,38            | 1,01            |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 72,9 |                   |                 |                | 2,41             | 1,77              | 1,21            |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 74,7 |                   |                 |                | 2,37             | 1,73              | 1,18            |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 77,8 |                   |                 | 3,11           | 2,26             | 1,66              | 1,13            |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 82,2 |                   |                 | 3,22           | 2,34             | 1,72              | 1,17            |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 89,0 |                   |                 | 2,74           | 1,99             | 1,46              |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 94,0 |                   |                 | 2,93           | 2,13             | 1,56              |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 100  |                   |                 | 2,45           | 1,78             | 1,31              |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 107  |                   |                 | 2,62           | 1,91             | 1,40              |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 115  |                   | 2,88            | 2,16           | 1,57             | 1,15              |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3160 - 131  |                   | 2,61            | 1,96           | 1,42             | 1,04              |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 2180 - 9,87 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 | 3,18            | 2,60            |                 |                 |                  |                   |                   |                   |                   |
| MHE 2180 - 13,1 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 | 3,06            | 2,52            | 2,06            |                 |                 |                  |                   |                   |                   |                   |
| MHE 2180 - 15,8 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 | 2,51            | 2,07            | 1,69            |                 |                 |                  |                   |                   |                   |                   |
| MHE 2180 - 16,9 |                   |                 |                |                  |                   |                 |                 |                   |                 | 2,79            | 2,26            | 1,86            | 1,52            |                 |                 |                  |                   |                   |                   |                   |
| MHE 2180 - 19,4 |                   |                 |                |                  |                   |                 |                 |                   | 3,35            | 2,45            | 1,99            | 1,64            | 1,34            |                 |                 |                  |                   |                   |                   |                   |
| MHE 2180 - 20,4 |                   |                 |                |                  |                   |                 |                 | 3,25              | 2,39            | 1,93            | 1,59            | 1,30            |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 2180 - 23,3 |                   |                 |                |                  |                   |                 | 3,06            | 2,58              | 1,89            | 1,53            | 1,26            | 1,03            |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3180 - 23,3 |                   |                 |                |                  |                   |                 | 3,29            | 2,67              | 2,25            | 1,65            | 1,34            | 1,10            |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3180 - 27,3 |                   |                 |                |                  |                   |                 | 2,81            | 2,28              | 1,92            | 1,40            | 1,14            |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3180 - 30,3 |                   |                 |                |                  |                   |                 | 2,70            | 2,19              | 1,84            | 1,35            | 1,09            |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3180 - 35,5 |                   |                 |                |                  |                   |                 | 2,35            | 1,90              | 1,60            | 1,17            | 0,95            |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3180 - 37,3 |                   |                 |                |                  |                   |                 | 2,52            | 2,04              | 1,72            | 1,26            | 1,02            |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3180 - 40,3 |                   |                 |                |                  |                   |                 | 2,58            | 2,09              | 1,76            | 1,29            | 1,04            |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3180 - 43,7 |                   |                 |                |                  |                   | 3,03            | 2,22            | 1,80              | 1,52            | 1,11            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3180 - 45,9 |                   |                 |                |                  |                   | 2,59            | 1,90            | 1,54              | 1,30            | 0,95            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3180 - 47,3 |                   |                 |                |                  |                   | 2,98            | 2,19            | 1,77              | 1,49            | 1,09            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3180 - 52,1 |                   |                 |                |                  |                   | 2,70            | 1,98            | 1,61              | 1,35            | 0,99            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3180 - 56,9 |                   |                 |                |                  |                   | 2,33            | 1,71            | 1,39              | 1,17            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3180 - 61,1 |                   |                 |                |                  |                   | 2,30            | 1,69            | 1,37              | 1,15            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3180 - 69,9 |                   |                 |                |                  | 2,83              | 1,93            | 1,41            | 1,15              | 0,96            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3180 - 73,6 |                   |                 |                |                  | 2,63              | 1,79            | 1,31            | 1,07              |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3180 - 76,6 |                   |                 |                |                  | 2,52              | 1,72            | 1,26            | 1,02              |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3180 - 82,3 |                   |                 |                |                  | 2,57              | 1,75            | 1,28            | 1,04              |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3180 - 87,6 |                   |                 |                | 3,03             | 2,22              | 1,51            | 1,11            |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3180 - 94,1 |                   |                 |                | 2,85             | 2,09              | 1,42            | 1,04            |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3180 - 99,1 |                   |                 |                | 2,74             | 2,01              | 1,37            | 1,00            |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3180 - 107  |                   |                 |                | 2,50             | 1,83              | 1,25            |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3180 - 113  |                   |                 | 3,35           | 2,44             | 1,79              | 1,22            |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3180 - 129  |                   |                 | 2,99           | 2,17             | 1,59              | 1,09            |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |



|                 | 2,2 kW<br>100 LA4 | 3 kW<br>100 LB4 | 4 kW<br>112 M4 | 5,5 kW<br>132 S4 | 7,5 kW<br>132 MA4 | 11 kW<br>160 M4 | 15 kW<br>160 L4 | 18,5 kW<br>180 M4 | 22 kW<br>180 L4 | 30 kW<br>200 L4 | 37 kW<br>225 S4 | 45 kW<br>225 M4 | 55 kW<br>250 M4 | 75 kW<br>280 S4 | 90 kW<br>280 M4 | 110 kW<br>315 S4 | 132 kW<br>315 MA4 | 160 kW<br>315 MB4 | 185 kW<br>315 LA4 | 200 kW<br>315 LB4 |
|-----------------|-------------------|-----------------|----------------|------------------|-------------------|-----------------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|-------------------|-------------------|-------------------|-------------------|
| MHE 2200 - 6,43 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 3,87            | 3,22            |                  |                   |                   |                   |                   |
| MHE 2200 - 7,92 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 3,19            | 2,66            |                  |                   |                   |                   |                   |
| MHE 2200 - 8,23 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 3,19            | 2,66            |                  |                   |                   |                   |                   |
| MHE 2200 - 10,1 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 2,64            | 2,20            |                  |                   |                   |                   |                   |
| MHE 2200 - 10,6 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 2,52            | 2,10            |                  |                   |                   |                   |                   |
| MHE 2200 - 12,6 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 2,67            | 1,95            | 1,63            |                  |                   |                   |                   |                   |
| MHE 2200 - 13,0 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 2,84            | 2,09            | 1,74            |                  |                   |                   |                   |                   |
| MHE 2200 - 15,2 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 | 3,01            | 2,46            | 1,81            | 1,51            |                  |                   |                   |                   |                   |
| MHE 2200 - 16,8 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 | 2,64            | 2,16            | 1,58            | 1,32            |                  |                   |                   |                   |                   |
| MHE 2200 - 19,6 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 | 2,76            | 2,27            | 1,86            | 1,36            | 1,13            |                  |                   |                   |                   |                   |
| MHE 2200 - 20,1 |                   |                 |                |                  |                   |                 |                 |                   |                 | 3,05            | 2,47            | 2,03            | 1,66            | 1,22            | 1,02            |                  |                   |                   |                   |                   |
| MHE 2200 - 23,3 |                   |                 |                |                  |                   |                 |                 |                   |                 | 2,61            | 2,12            | 1,74            | 1,42            | 1,04            |                 |                  |                   |                   |                   |                   |
| MHE 3200 - 20,4 |                   |                 |                |                  |                   |                 |                 |                   |                 | 3,25            | 2,63            | 2,16            | 1,77            | 1,30            | 1,08            |                  |                   |                   |                   |                   |
| MHE 3200 - 26,1 |                   |                 |                |                  |                   |                 |                 |                   | 3,25            | 2,38            | 1,93            | 1,59            | 1,30            |                 |                 |                  |                   |                   |                   |                   |
| MHE 3200 - 32,1 |                   |                 |                |                  |                   |                 |                 |                   | 3,18            | 2,33            | 1,89            | 1,56            | 1,27            |                 |                 |                  |                   |                   |                   |                   |
| MHE 3200 - 34,0 |                   |                 |                |                  |                   |                 |                 |                   | 3,04            | 2,23            | 1,81            | 1,49            | 1,22            |                 |                 |                  |                   |                   |                   |                   |
| MHE 3200 - 37,7 |                   |                 |                |                  |                   |                 |                 | 2,39              | 2,01            | 1,47            | 1,20            | 0,98            |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3200 - 41,8 |                   |                 |                |                  |                   |                 |                 | 3,08              | 2,59            | 1,90            | 1,54            | 1,27            | 1,04            |                 |                 |                  |                   |                   |                   |                   |
| MHE 3200 - 48,2 |                   |                 |                |                  |                   |                 |                 | 2,39              | 2,01            | 1,47            | 1,20            | 0,98            |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3200 - 54,0 |                   |                 |                |                  |                   |                 |                 | 2,51              | 2,11            | 1,54            | 1,25            | 1,03            |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3200 - 62,8 |                   |                 |                |                  |                   | 3,07            | 2,25            | 1,82              | 1,53            | 1,12            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3200 - 69,7 |                   |                 |                |                  |                   | 2,74            | 2,01            | 1,63              | 1,37            | 1,00            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3200 - 77,0 |                   |                 |                |                  |                   | 2,50            | 1,83            | 1,49              | 1,25            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3200 - 81,0 |                   |                 |                |                  |                   | 2,37            | 1,74            | 1,41              | 1,18            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3200 - 85,5 |                   |                 |                |                  | 3,30              | 2,25            | 1,65            | 1,34              | 1,13            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3200 - 90,0 |                   |                 |                |                  | 3,14              | 2,14            | 1,57            | 1,27              | 1,07            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3200 - 99,5 |                   |                 |                |                  | 2,85              | 1,94            | 1,42            | 1,16              | 0,97            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3200 - 104  |                   |                 |                |                  | 2,70              | 1,84            | 1,35            | 1,09              |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3200 - 118  |                   |                 |                | 2,96             | 2,17              | 1,48            | 1,08            |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3200 - 124  |                   |                 |                | 2,83             | 2,08              | 1,42            | 1,04            |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 2225 - 7,86 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 4,52            | 3,77            |                  |                   |                   |                   |                   |
| MHE 2225 - 9,68 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 3,75            | 3,13            |                  |                   |                   |                   |                   |
| MHE 2225 - 10,6 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 3,38            | 2,82            |                  |                   |                   |                   |                   |
| MHE 2225 - 12,4 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 2,88            | 2,40            |                  |                   |                   |                   |                   |
| MHE 2225 - 14,5 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 3,05            | 2,24            | 1,87            |                  |                   |                   |                   |                   |
| MHE 2225 - 16,9 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 2,86            | 2,09            | 1,75            |                  |                   |                   |                   |                   |
| MHE 2225 - 19,6 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 2,46            | 1,80            | 1,50            |                  |                   |                   |                   |                   |
| MHE 2225 - 23,7 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 | 2,36            | 1,93            | 1,42            | 1,18            |                  |                   |                   |                   |                   |
| MHE 3225 - 24,9 |                   |                 |                |                  |                   |                 |                 |                   |                 | 3,24            | 2,63            | 2,16            | 1,77            | 1,30            | 1,08            |                  |                   |                   |                   |                   |
| MHE 3225 - 30,7 |                   |                 |                |                  |                   |                 |                 |                   |                 | 2,84            | 2,30            | 1,89            | 1,55            | 1,14            |                 |                  |                   |                   |                   |                   |
| MHE 3225 - 32,4 |                   |                 |                |                  |                   |                 |                 |                   |                 | 2,47            | 2,01            | 1,65            | 1,35            | 0,99            |                 |                  |                   |                   |                   |                   |
| MHE 3225 - 33,8 |                   |                 |                |                  |                   |                 |                 |                   |                 | 2,88            | 2,34            | 1,92            | 1,57            | 1,15            |                 |                  |                   |                   |                   |                   |
| MHE 3225 - 39,9 |                   |                 |                |                  |                   |                 |                 |                   | 3,04            | 2,23            | 1,81            | 1,49            | 1,22            |                 |                 |                  |                   |                   |                   |                   |
| MHE 3225 - 41,6 |                   |                 |                |                  |                   |                 |                 |                   | 3,18            | 2,33            | 1,89            | 1,55            | 1,27            |                 |                 |                  |                   |                   |                   |                   |
| MHE 3225 - 44,0 |                   |                 |                |                  |                   |                 |                 |                   | 3,01            | 2,21            | 1,79            | 1,47            | 1,21            |                 |                 |                  |                   |                   |                   |                   |
| MHE 3225 - 51,5 |                   |                 |                |                  |                   |                 |                 | 2,54              | 2,14            | 1,57            | 1,27            | 1,04            |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3225 - 53,7 |                   |                 |                |                  |                   |                 |                 | 2,92              | 2,46            | 1,80            | 1,46            | 1,20            | 0,98            |                 |                 |                  |                   |                   |                   |                   |
| MHE 3225 - 54,2 |                   |                 |                |                  |                   |                 |                 | 2,89              | 2,43            | 1,79            | 1,45            | 1,19            | 0,97            |                 |                 |                  |                   |                   |                   |                   |
| MHE 3225 - 62,5 |                   |                 |                |                  |                   |                 | 2,95            | 2,40              | 2,01            | 1,48            | 1,20            | 0,98            |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3225 - 69,9 |                   |                 |                |                  |                   |                 | 2,75            | 2,23              | 1,88            | 1,38            | 1,12            |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3225 - 81,3 |                   |                 |                |                  |                   | 3,08            | 2,26            | 1,83              | 1,54            | 1,13            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3225 - 85,7 |                   |                 |                |                  |                   | 3,16            | 2,31            | 1,88              | 1,58            | 1,16            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3225 - 90,2 |                   |                 |                |                  |                   | 3,03            | 2,22            | 1,80              | 1,51            | 1,11            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3225 - 99,8 |                   |                 |                |                  |                   | 2,49            | 1,83            | 1,48              | 1,25            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3225 - 104  |                   |                 |                |                  |                   | 2,37            | 1,74            | 1,41              | 1,19            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3225 - 126  |                   |                 |                |                  | 2,81              | 1,92            | 1,41            | 1,14              | 0,96            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |

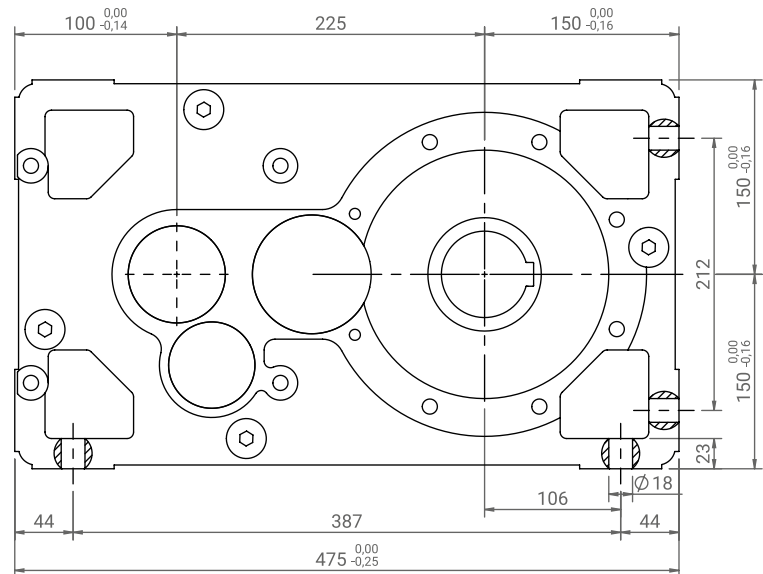
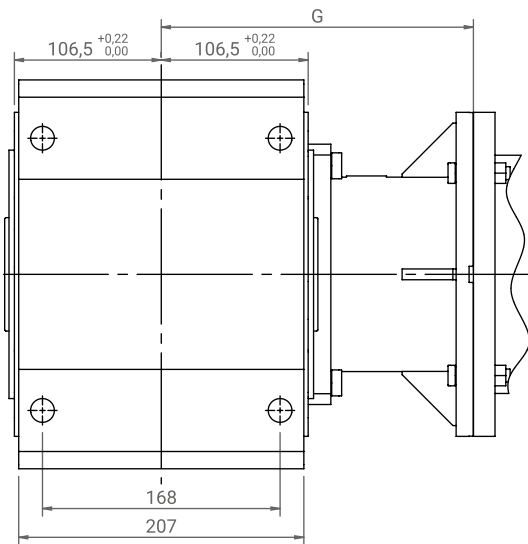


|                 | 2,2 kW<br>100 LA4 | 3 kW<br>100 LB4 | 4 kW<br>112 M4 | 5,5 kW<br>132 S4 | 7,5 kW<br>132 MA4 | 11 kW<br>160 M4 | 15 kW<br>160 L4 | 18,5 kW<br>180 M4 | 22 kW<br>180 L4 | 30 kW<br>200 L4 | 37 kW<br>225 S4 | 45 kW<br>225 M4 | 55 kW<br>250 M4 | 75 kW<br>280 S4 | 90 kW<br>280 M4 | 110 kW<br>315 S4 | 132 kW<br>315 MA4 | 160 kW<br>315 MB4 | 185 kW<br>315 LA4 | 200 kW<br>315 LB4 |
|-----------------|-------------------|-----------------|----------------|------------------|-------------------|-----------------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|-------------------|-------------------|-------------------|-------------------|
| MHE 2250 - 6,31 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   | 3,35              | 3,10              |
| MHE 2250 - 7,78 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   | 2,99              | 2,76              |
| MHE 2250 - 8,08 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   | 3,19              | 2,76              | 2,55              |
| MHE 2250 - 9,96 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   | 2,84              | 2,46              | 2,27              |
| MHE 2250 - 10,4 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  | 2,98              | 2,46              | 2,13              | 1,97              |
| MHE 2250 - 12,8 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 | 3,19             | 2,66              | 2,19              | 1,90              | 1,75              |
| MHE 2250 - 15,3 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 | 3,26            | 2,67             | 2,22              | 1,83              | 1,59              | 1,47              |
| MHE 2250 - 16,7 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 2,98            | 2,44            | 2,03             | 1,67              | 1,45              | 1,34              |                   |
| MHE 2250 - 20,0 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 2,96            | 2,47            | 2,02             | 1,68              | 1,39              | 1,20              | 1,11              |
| MHE 2250 - 20,9 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 3,44            | 2,52            | 2,10            | 1,72             | 1,43              | 1,18              | 1,02              |                   |
| MHE 2250 - 24,9 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 2,89            | 2,12            | 1,76            | 1,44             | 1,20              | 0,99              |                   |                   |
| MHE 3250 - 24,8 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 3,32            | 2,44            | 2,03            | 1,66             | 1,38              | 1,14              |                   |                   |
| MHE 3250 - 30,6 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 2,87            | 2,11            | 1,76            | 1,44             | 1,20              | 0,99              |                   |                   |
| MHE 3250 - 32,9 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 | 3,10            | 2,53            | 1,86            | 1,55            | 1,27             | 1,06              |                   |                   |                   |
| MHE 3250 - 39,5 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 | 2,71            | 2,22            | 1,63            | 1,36            | 1,11             |                   |                   |                   |                   |
| MHE 3250 - 40,5 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 | 2,64            | 2,16            | 1,58            | 1,32            | 1,08             |                   |                   |                   |                   |
| MHE 3250 - 42,5 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 | 2,98            | 2,45            | 2,00            | 1,47            | 1,23            | 1,00             |                   |                   |                   |                   |
| MHE 3250 - 47,1 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 | 2,68            | 2,20            | 1,80            | 1,32            | 1,10            |                  |                   |                   |                   |                   |
| MHE 3250 - 49,9 |                   |                 |                |                  |                   |                 |                 |                   |                 | 2,67            | 2,17            | 1,78            | 1,46            | 1,07            |                 |                  |                   |                   |                   |                   |
| MHE 3250 - 52,4 |                   |                 |                |                  |                   |                 |                 |                   |                 | 3,06            | 2,48            | 2,04            | 1,67            | 1,23            | 1,02            |                  |                   |                   |                   |                   |
| MHE 3250 - 61,5 |                   |                 |                |                  |                   |                 |                 | 3,28              | 2,41            | 1,95            | 1,61            | 1,31            |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3250 - 62,4 |                   |                 |                |                  |                   |                 |                 | 3,39              | 2,49            | 2,02            | 1,66            | 1,36            |                 | 0,99            |                 |                  |                   |                   |                   |                   |
| MHE 3250 - 64,5 |                   |                 |                |                  |                   |                 |                 | 2,81              | 2,06            | 1,67            | 1,37            | 1,12            |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3250 - 66,2 |                   |                 |                |                  |                   |                 |                 | 2,75              | 2,02            | 1,63            | 1,34            | 1,10            |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3250 - 68,4 |                   |                 |                |                  |                   |                 |                 | 2,95              | 2,16            | 1,75            | 1,44            | 1,18            |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3250 - 76,9 |                   |                 |                |                  |                   |                 |                 | 2,80              | 2,36            | 1,73            | 1,40            | 1,15            |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3250 - 81,5 |                   |                 |                |                  |                   |                 |                 | 3,01              | 2,54            | 1,86            | 1,51            | 1,24            | 1,01            |                 |                 |                  |                   |                   |                   |                   |
| MHE 3250 - 83,9 |                   |                 |                |                  |                   |                 |                 | 2,95              | 2,48            | 1,82            | 1,47            | 1,21            | 0,99            |                 |                 |                  |                   |                   |                   |                   |
| MHE 3250 - 100  |                   |                 |                |                  |                   |                 | 3,12            | 2,53              | 2,13            | 1,56            | 1,27            | 1,04            |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3250 - 104  |                   |                 |                |                  |                   |                 | 2,60            | 2,11              | 1,77            | 1,30            | 1,05            |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3250 - 124  |                   |                 |                |                  |                   | 3,05            | 2,24            | 1,81              | 1,52            | 1,12            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 2280 - 6,32 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   | 4,31              | 3,99              |
| MHE 2280 - 8,08 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   | 3,52              | 3,25              |
| MHE 2280 - 10,2 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   | 3,03              | 2,81              |
| MHE 2280 - 13,0 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  | 3,28              | 2,70              | 2,34              | 2,16              |
| MHE 2280 - 16,8 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 | 3,03             | 2,53              | 2,09              | 1,80              | 1,67              |
| MHE 2280 - 20,0 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 | 3,21            | 2,63             | 2,19              | 1,81              | 1,56              | 1,45              |
| MHE 2280 - 20,9 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 | 3,05            | 2,49             | 2,08              | 1,71              | 1,48              | 1,37              |
| MHE 2280 - 24,9 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 3,06            | 2,55            | 2,09             | 1,74              | 1,43              | 1,24              | 1,15              |
| MHE 3280 - 24,8 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 2,88            | 2,40            | 1,96             | 1,64              | 1,35              | 1,17              | 1,08              |
| MHE 3280 - 31,3 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 2,60            | 2,17            | 1,77             | 1,48              | 1,22              | 1,05              |                   |
| MHE 3280 - 40,0 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 2,78            | 2,04            | 1,70            | 1,39             | 1,16              |                   |                   |                   |
| MHE 3280 - 41,5 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 2,74            | 2,01            | 1,67            | 1,37             | 1,14              |                   |                   |                   |
| MHE 3280 - 49,8 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 | 2,56            | 2,10            | 1,54            | 1,28            | 1,05             |                   |                   |                   |                   |
| MHE 3280 - 51,7 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 | 2,71            | 2,21            | 1,62            | 1,35            | 1,11             |                   |                   |                   |                   |
| MHE 3280 - 53,7 |                   |                 |                |                  |                   |                 |                 |                   |                 | 2,99            | 2,46            | 2,01            | 1,48            | 1,23            | 1,01            |                  |                   |                   |                   |                   |
| MHE 3280 - 61,6 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 | 2,69            | 2,21            | 1,81            | 1,33            | 1,10            |                  |                   |                   |                   |                   |
| MHE 3280 - 64,4 |                   |                 |                |                  |                   |                 |                 |                   | 2,95            | 2,40            | 1,97            | 1,61            | 1,18            | 0,98            |                 |                  |                   |                   |                   |                   |
| MHE 3280 - 66,1 |                   |                 |                |                  |                   |                 |                 |                   | 3,16            | 2,34            | 1,92            | 1,57            | 1,15            | 0,96            |                 |                  |                   |                   |                   |                   |
| MHE 3280 - 68,5 |                   |                 |                |                  |                   |                 |                 |                   | 3,39            | 2,48            | 2,01            | 1,65            | 1,35            | 0,99            |                 |                  |                   |                   |                   |                   |
| MHE 3280 - 76,7 |                   |                 |                |                  |                   |                 |                 |                   | 3,19            | 2,34            | 1,90            | 1,56            | 1,28            | 0,94            |                 |                  |                   |                   |                   |                   |
| MHE 3280 - 81,0 |                   |                 |                |                  |                   |                 |                 |                   | 3,61            | 2,65            | 2,15            | 1,77            | 1,44            | 1,06            |                 |                  |                   |                   |                   |                   |
| MHE 3280 - 84,0 |                   |                 |                |                  |                   |                 |                 |                   | 2,76            | 2,02            | 1,64            | 1,35            | 1,10            |                 |                 |                  |                   |                   |                   |                   |
| MHE 3280 - 100  |                   |                 |                |                  |                   |                 |                 | 3,03              | 2,55            | 1,87            | 1,52            | 1,25            | 1,02            |                 |                 |                  |                   |                   |                   |                   |
| MHE 3280 - 104  |                   |                 |                |                  |                   |                 |                 | 2,60              | 2,19            | 1,61            | 1,30            | 1,07            |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3280 - 124  |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |



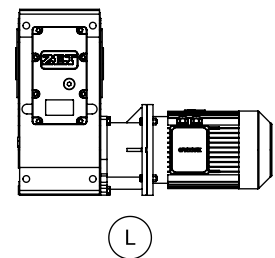
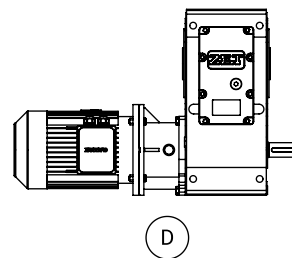
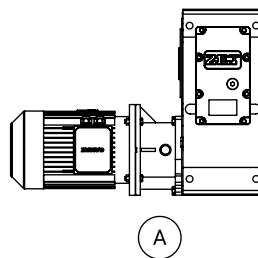
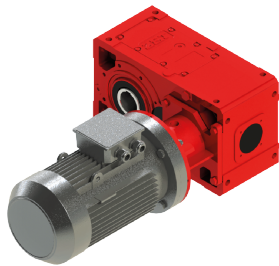


|                 | 2,2 kW<br>100 LA4 | 3 kW<br>100 LB4 | 4 kW<br>112 M4 | 5,5 kW<br>132 S4 | 7,5 kW<br>132 MA4 | 11 kW<br>160 M4 | 15 kW<br>160 L4 | 18,5 kW<br>180 M4 | 22 kW<br>180 L4 | 30 kW<br>200 L4 | 37 kW<br>225 S4 | 45 kW<br>225 M4 | 55 kW<br>250 M4 | 75 kW<br>280 S4 | 90 kW<br>280 M4 | 110 kW<br>315 S4 | 132 kW<br>315 MA4 | 160 kW<br>315 MB4 | 185 kW<br>315 LA4 | 200 kW<br>315 LB4 |
|-----------------|-------------------|-----------------|----------------|------------------|-------------------|-----------------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|-------------------|-------------------|-------------------|-------------------|
| MHE 2320 - 6,42 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   | 3,87              | 3,22              |
| MHE 2320 - 7,92 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   | 3,19              | 2,66              |
| MHE 2320 - 9,66 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   | 3,19              | 2,66              |
| MHE 2320 - 10,3 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   | 2,64              | 2,20              |
| MHE 2320 - 12,6 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   | 2,52              | 2,10              |
| MHE 2320 - 16,5 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   | 2,67              | 1,95              | 1,63              |
| MHE 2320 - 20,6 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 | 1,74             | 2,84              | 2,09              | 1,74              |                   |
| MHE 2320 - 25,0 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 | 1,51            | 3,01             | 2,46              | 1,81              | 1,51              |                   |
| MHE 3320 - 19,7 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 | 2,98             | 2,87              | 2,37              | 2,05              | 1,90              |
| MHE 3320 - 24,0 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 | 2,66             | 2,21              | 1,83              | 1,58              | 1,46              |
| MHE 3320 - 26,2 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 | 2,97             | 2,43              | 2,02              | 1,67              | 1,33              |
| MHE 3320 - 29,6 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 | 2,80            | 2,29             | 1,91              | 1,58              | 1,36              | 1,26              |
| MHE 3320 - 32,0 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 2,99            | 2,49            | 2,04             | 1,70              | 1,40              | 1,21              | 1,12              |
| MHE 3320 - 38,2 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 2,79            | 2,32            | 1,90             | 1,58              | 1,31              | 1,13              | 1,04              |
| MHE 3320 - 39,5 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MHE 3320 - 41,9 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 3,40            | 2,50            | 2,08            | 1,70             | 1,42              | 1,17              | 1,01              |                   |
| MHE 3320 - 47,1 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 3,28            | 2,41            | 2,01            | 1,64             | 1,37              | 1,13              | 0,98              |                   |
| MHE 3320 - 48,4 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 3,28            | 2,41            | 2,01            | 1,64             | 1,37              | 1,13              | 0,98              |                   |
| MHE 3320 - 50,7 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 2,84            | 2,08            | 1,74            | 1,42             | 1,18              | 0,98              |                   |                   |
| MHE 3320 - 51,6 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 3,04            | 2,23            | 1,86            | 1,52             | 1,27              | 1,05              |                   |                   |
| MHE 3320 - 52,8 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 2,93            | 2,15            | 1,79            | 1,47             | 1,22              | 1,01              |                   |                   |
| MHE 3320 - 61,5 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 | 3,05            | 2,50            | 1,83            | 1,53            | 1,25             | 1,04              |                   |                   |                   |
| MHE 3320 - 63,4 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 | 2,98            | 2,44            | 1,79            | 1,49            | 1,22             | 1,02              |                   |                   |                   |
| MHE 3320 - 67,5 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 | 2,78            | 2,27            | 1,67            | 1,39            | 1,14             |                   |                   |                   |                   |
| MHE 3320 - 75,5 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 | 3,01            | 2,48            | 2,03            | 1,49            | 1,24            | 1,01             |                   |                   |                   |                   |
| MHE 3320 - 77,6 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 | 3,16            | 2,60            | 2,13            | 1,56            | 1,30            |                  |                   |                   |                   |                   |
| MHE 3320 - 81,3 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 | 2,93            | 2,41            | 1,97            | 1,45            | 1,20            |                  |                   |                   |                   |                   |
| MHE 3320 - 98,6 |                   |                 |                |                  |                   |                 |                 |                   |                 | 2,92            | 2,37            | 1,95            | 1,59            | 1,17            | 0,97            |                  |                   |                   |                   |                   |
| MHE 3320 - 101  |                   |                 |                |                  |                   |                 |                 |                   |                 | 3,10            | 2,52            | 2,07            | 1,69            | 1,24            | 1,03            |                  |                   |                   |                   |                   |
| MHE 3320 - 123  |                   |                 |                |                  |                   |                 |                 |                   |                 | 2,41            | 1,95            | 1,61            | 1,31            | 0,96            |                 |                  |                   |                   |                   |                   |
| MHE 2360 - 9,70 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   | 4,56              | 4,22              |
| MHE 2360 - 12,9 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   | 4,56              | 4,22              |
| MHE 2360 - 15,1 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   | 4,12              | 3,81              |
| MHE 2360 - 15,8 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   | 2,76              | 2,56              |
| MHE 2360 - 16,9 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   | 3,95              | 3,65              |
| MHE 2360 - 19,7 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   | 3,17              | 2,93              |
| MHE 2360 - 21,2 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   | 3,19              | 2,76              | 2,55              |
| MHE 2360 - 24,7 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   | 2,93              | 2,54              | 2,35              |
| MHE 3360 - 24,1 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   | 3,03              | 2,62              | 2,43              |
| MHE 3360 - 29,7 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   | 2,78              | 2,41              | 2,23              |
| MHE 3360 - 32,3 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  | 3,02              | 2,49              | 2,16              | 1,99              |
| MHE 3360 - 37,7 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 | 2,85             | 2,37              | 1,96              | 1,69              | 1,57              |
| MHE 3360 - 39,6 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 | 3,04             | 2,53              | 2,09              | 1,81              | 1,67              |
| MHE 3360 - 43,1 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 | 3,15            | 2,58             | 2,15              | 1,77              | 1,53              | 1,42              |
| MHE 3360 - 50,2 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 3,12            | 2,60            | 2,13             | 1,77              | 1,46              | 1,26              | 1,17              |
| MHE 3360 - 51,8 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 3,04            | 2,53            | 2,07             | 1,73              | 1,42              | 1,23              | 1,14              |
| MHE 3360 - 53,1 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 3,07            | 2,56            | 2,09             | 1,74              | 1,44              | 1,24              | 1,15              |
| MHE 3360 - 61,9 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 2,52            | 2,10            | 1,72             | 1,43              | 1,18              | 1,02              |                   |
| MHE 3360 - 64,7 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 2,97            | 2,18            | 1,81            | 1,48             | 1,24              | 1,02              |                   |                   |
| MHE 3360 - 69,4 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 3,34            | 2,45            | 2,04            | 1,67             | 1,39              | 1,15              |                   |                   |
| MHE 3360 - 74,5 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 2,83            | 2,08            | 1,73            | 1,42             | 1,18              | 0,97              |                   |                   |
| MHE 3360 - 83,5 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 2,83            | 2,08            | 1,73            | 1,42             | 1,18              | 0,97              |                   |                   |
| MHE 3360 - 97,3 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 | 2,71            | 2,21            | 1,62            | 1,35            | 1,11            |                  |                   |                   |                   |                   |
| MHE 3360 - 104  |                   |                 |                |                  |                   |                 |                 |                   |                 |                 | 2,61            | 2,13            | 1,56            | 1,30            | 1,07            |                  |                   |                   |                   |                   |
| MHE 3360 - 121  |                   |                 |                |                  |                   |                 |                 |                   |                 | 2,63            | 2,16            | 1,77            | 1,30            | 1,08            |                 |                  |                   |                   |                   |                   |



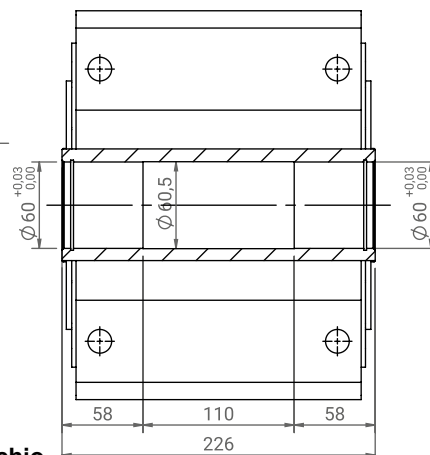
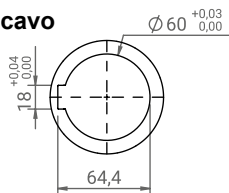
**Conf. albero ingresso**  
Input Shaft Configurations

| Rapporto<br>Raito | G      |        |        |        |
|-------------------|--------|--------|--------|--------|
|                   | 132 B5 | 160 B5 | 180 B5 | 200 B5 |
| i>12              | 269,5  | 303,5  | 303,5  | 305,5  |
| i<12              | -      | 323,5  | 323,5  | 325,5  |

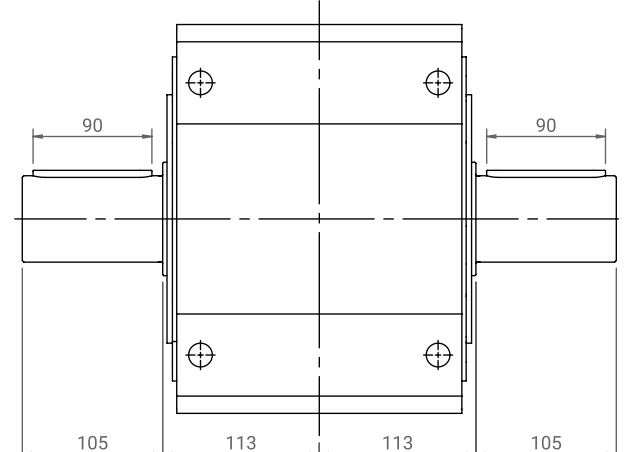
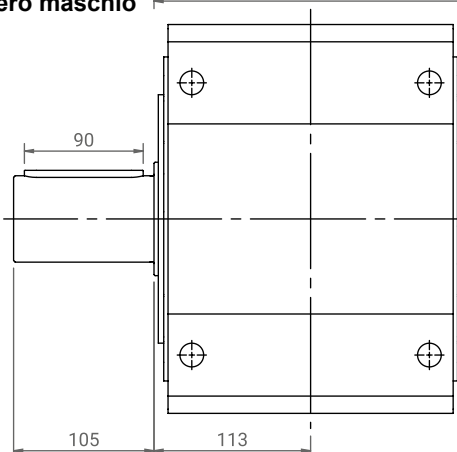
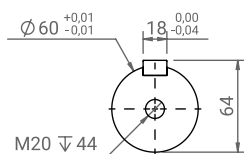


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft

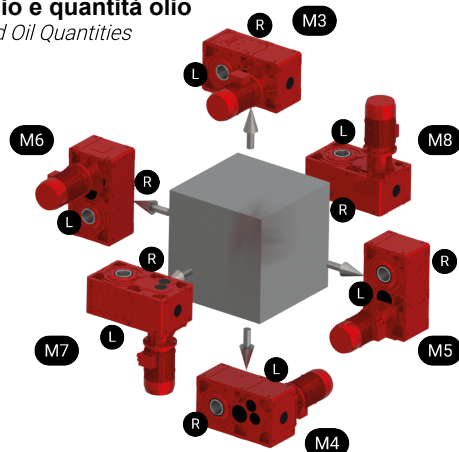
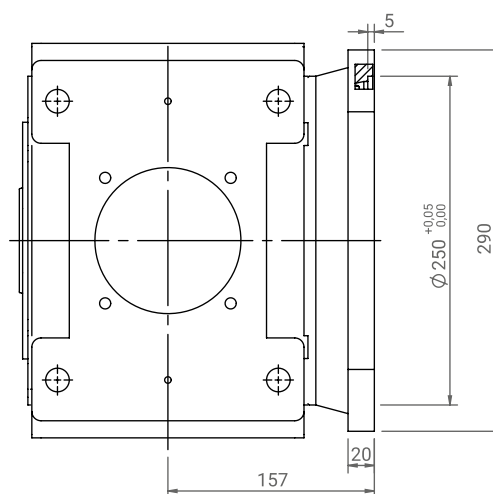
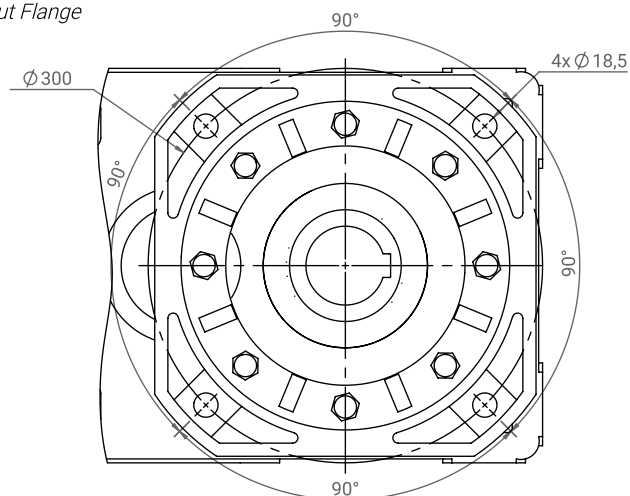
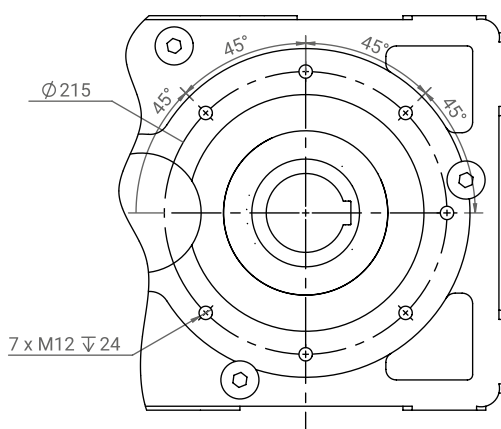
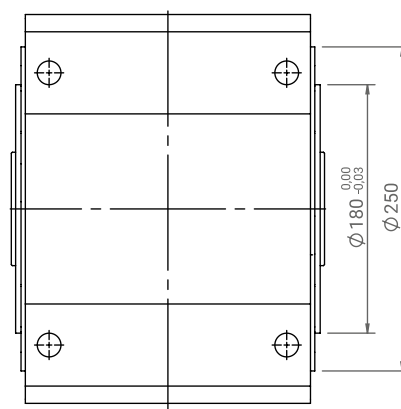
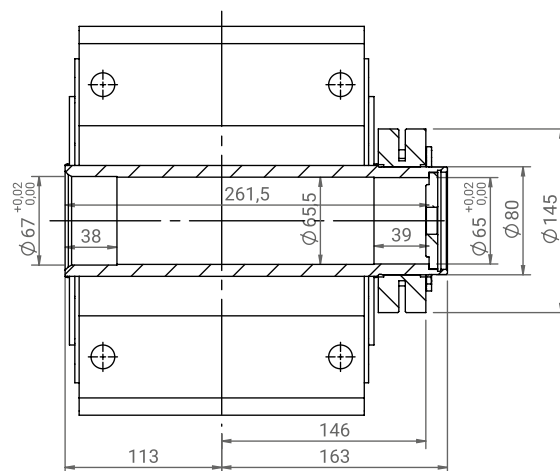
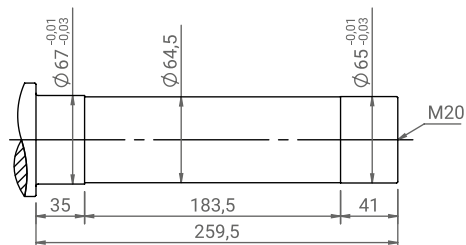


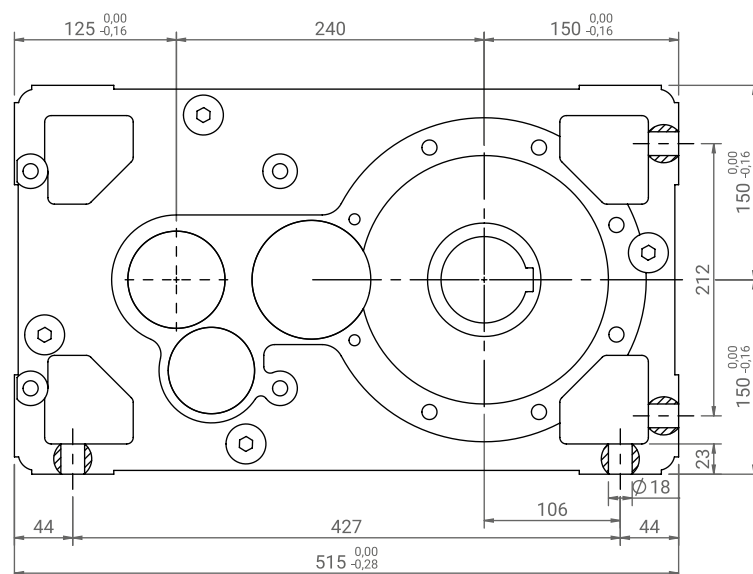
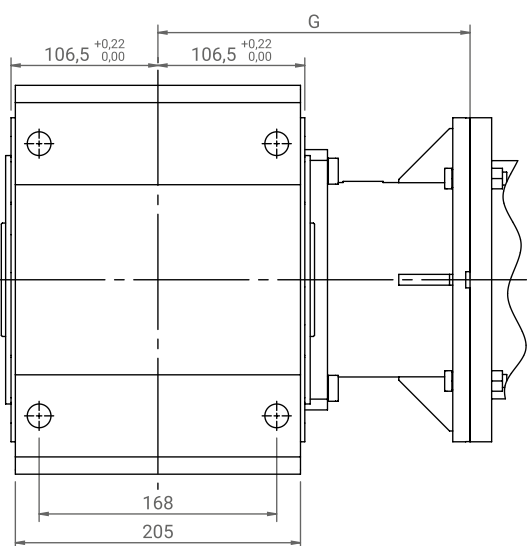
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft





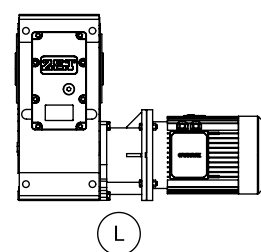
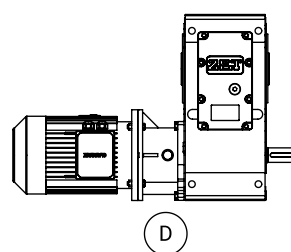
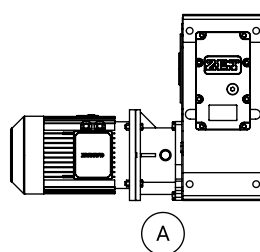
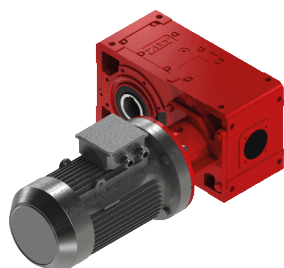
## Dimensioni / Dimension Sheets





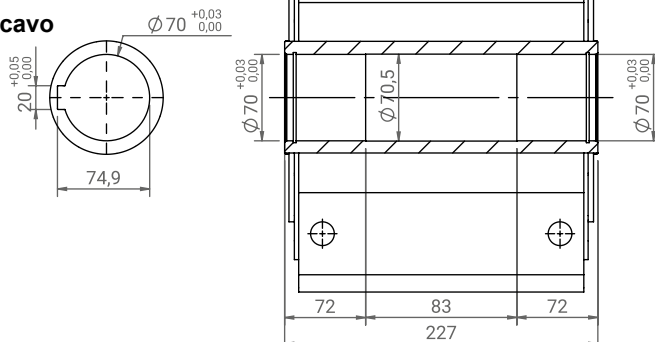
**Conf. albero ingresso**  
Input Shaft Configurations

| Rapporto<br>Raito | G      |        |        |        |
|-------------------|--------|--------|--------|--------|
|                   | 132 B5 | 160 B5 | 180 B5 | 200 B5 |
| i>11              | 269,5  | 303,5  | 303,5  | 305,5  |
| i<11              | -      | -      | 323,5  | 325,5  |

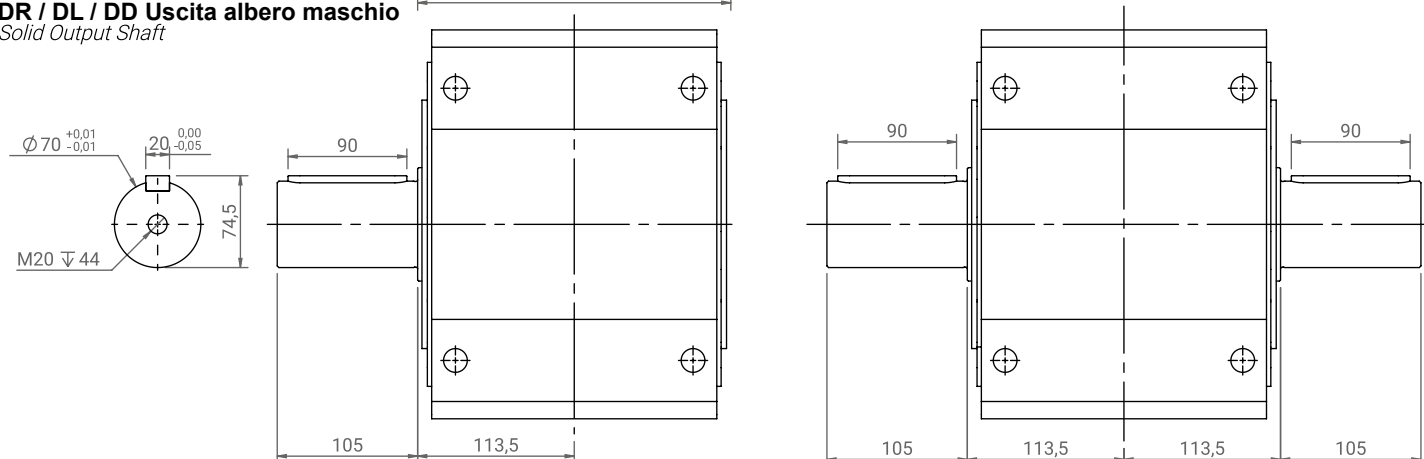


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft





**ZET**  
R e d ü k t ö r

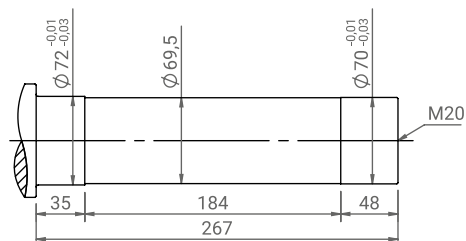
## MHE 2140

Dimensioni / Dimension Sheets

### Conf. Albero uscita

Output Shaft Configurations

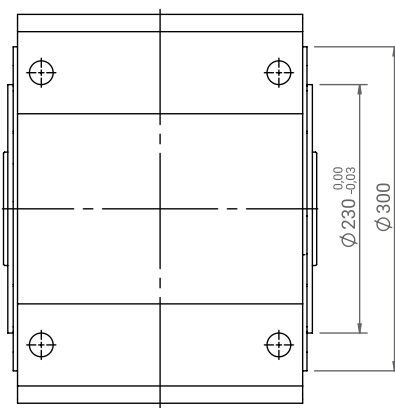
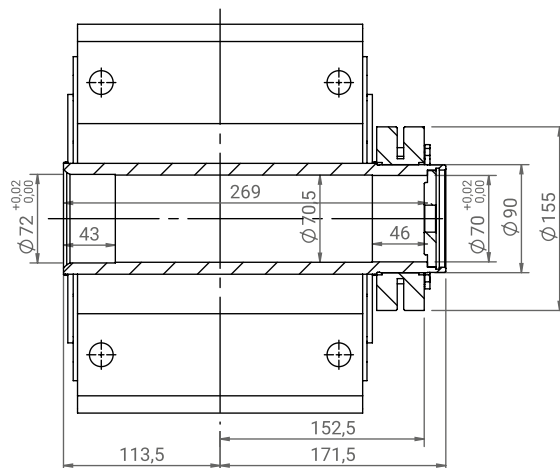
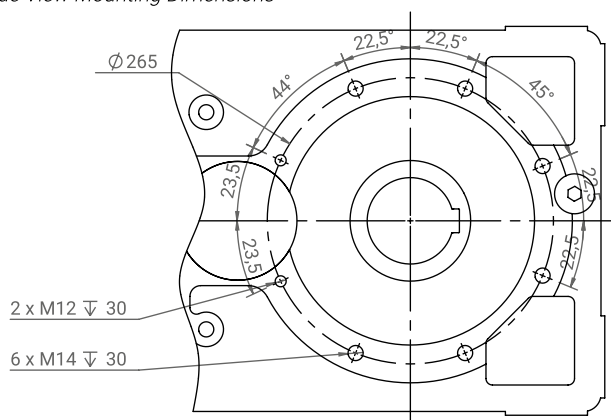
SR / SL



Albero esterno Customer Shaft

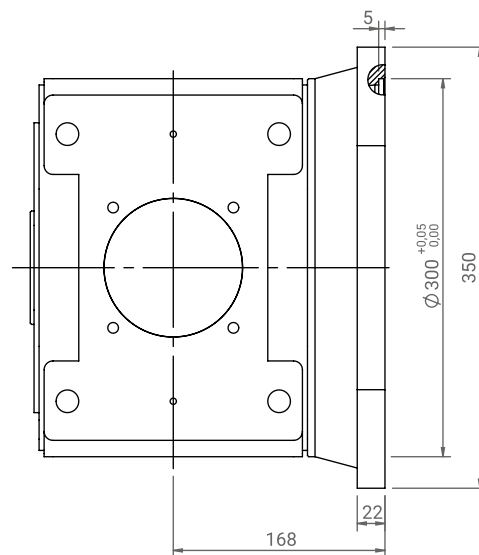
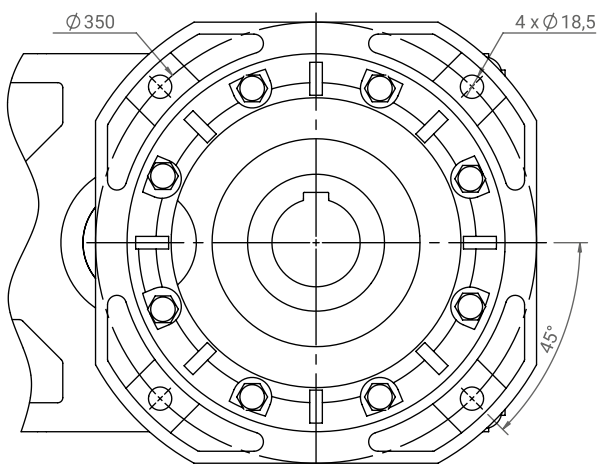
### Dimensioni montaggio laterale

Side View Mounting Dimensions



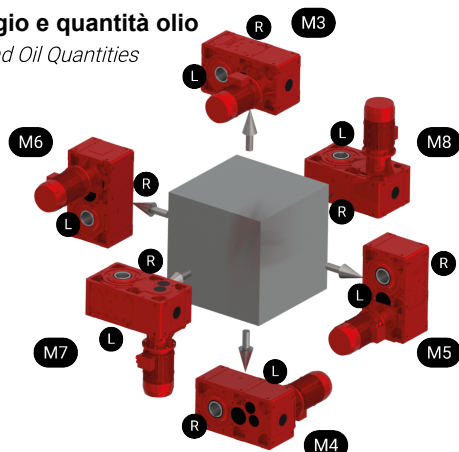
### FR 350 / Flangia uscita

Output Flange



### Posizioni montaggio e quantità olio

Mounting Positions\* and Oil Quantities

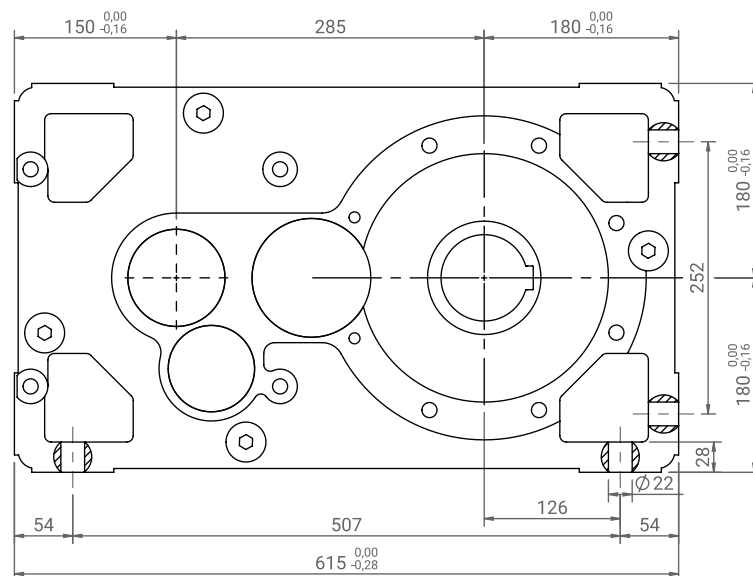
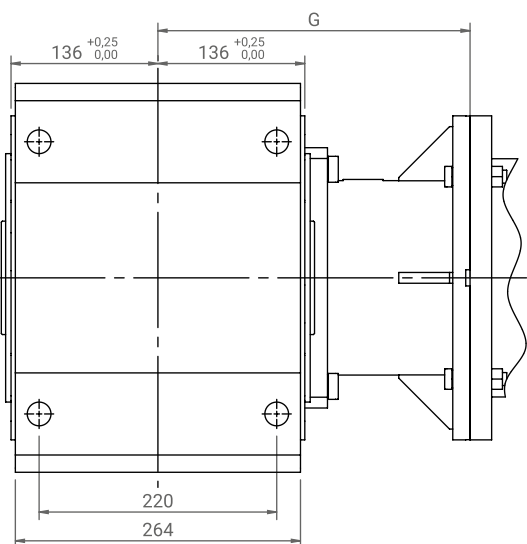


132 Kg

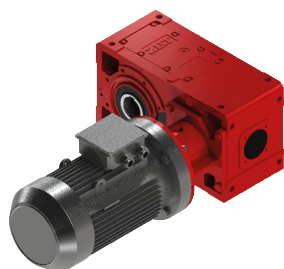
Peso incluso flangia PAM 180 B5  
WEIGHT INCLUDING 180 B5 MOTOR FLANGE

| MHE 2140 Quantità olio OIL QUANTITIES (L) |    |    |    |    |    |
|-------------------------------------------|----|----|----|----|----|
| M3                                        | M4 | M5 | M6 | M7 | M8 |
| 9                                         | 9  | 11 | 12 | 12 | 11 |

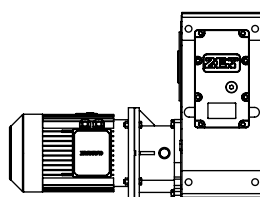
\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



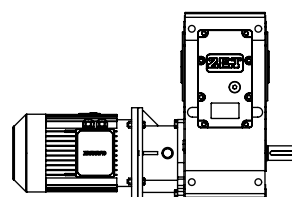
**Conf. albero ingresso**  
Input Shaft Configurations



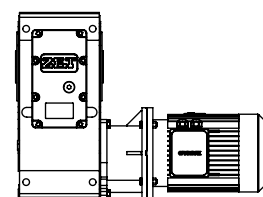
| Rapporto<br>Raito | G      |        |        |        |        |
|-------------------|--------|--------|--------|--------|--------|
|                   | 160 B5 | 180 B5 | 200 B5 | 225 B5 | 250 B5 |
| i>12,5            | 353    | 353    | 355    | 387    | 389    |
| i<12,5            | -      | -      | -      | 417    | 419    |



(A)



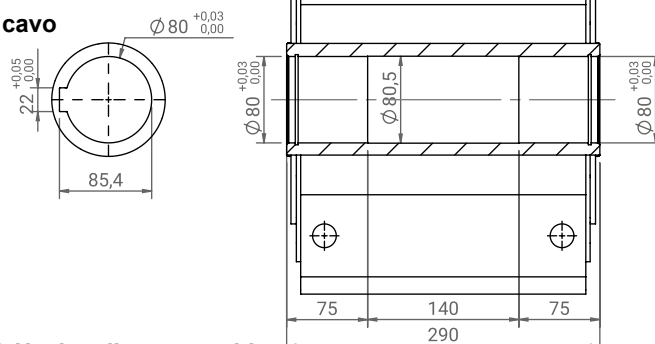
(D)



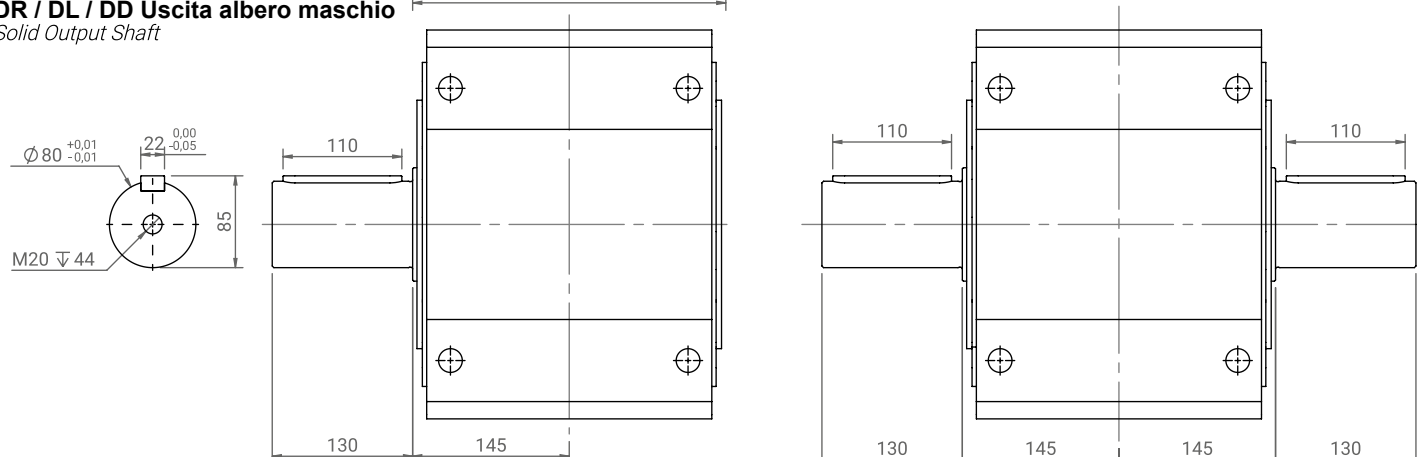
(L)

**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



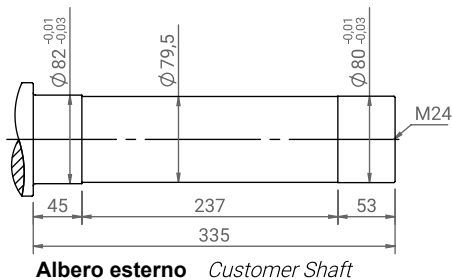
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



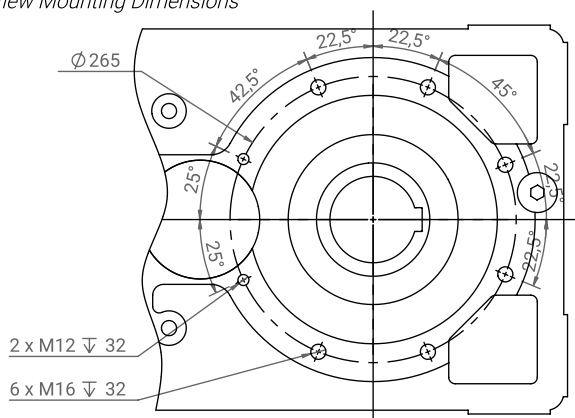


**Conf. Albero uscita**  
Output Shaft Configurations

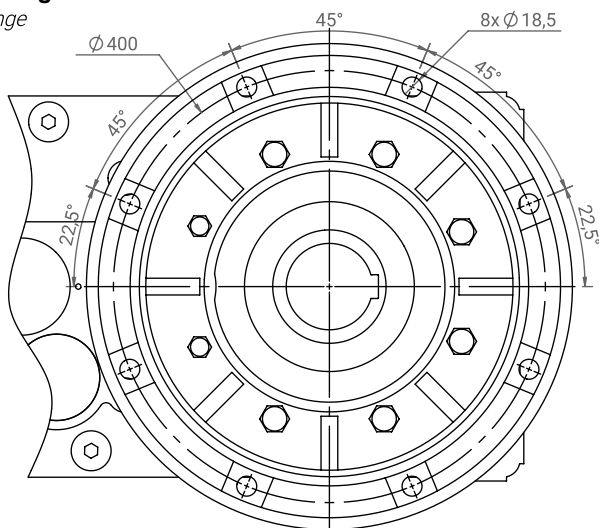
SR / SL



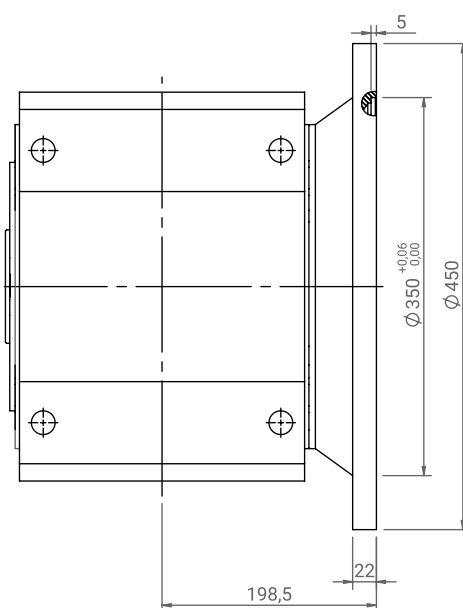
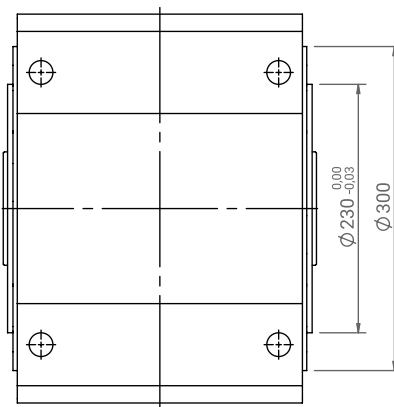
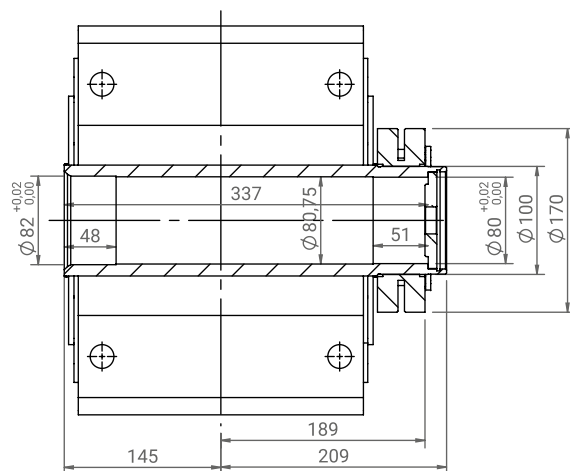
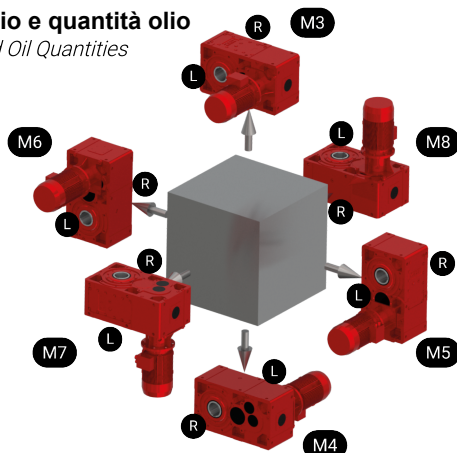
**Dimensioni montaggio laterale**  
Side View Mounting Dimensions



**FR 450 / Flangia uscita**  
Output Flange



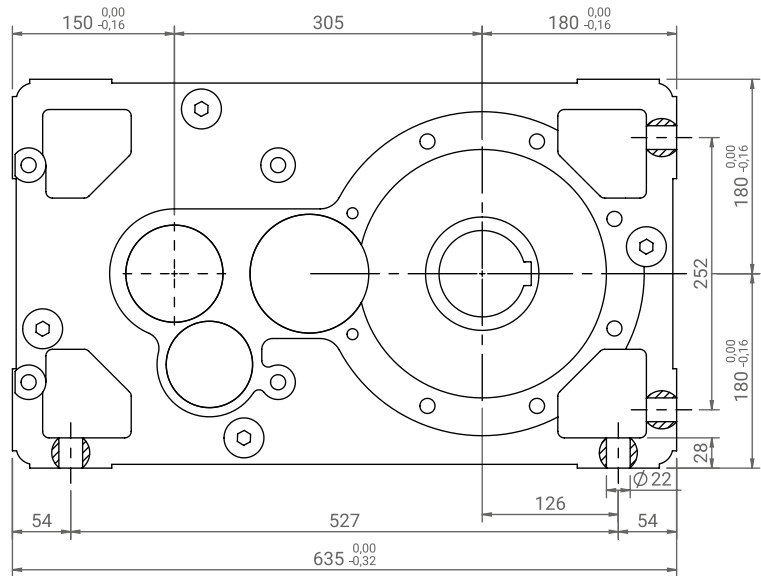
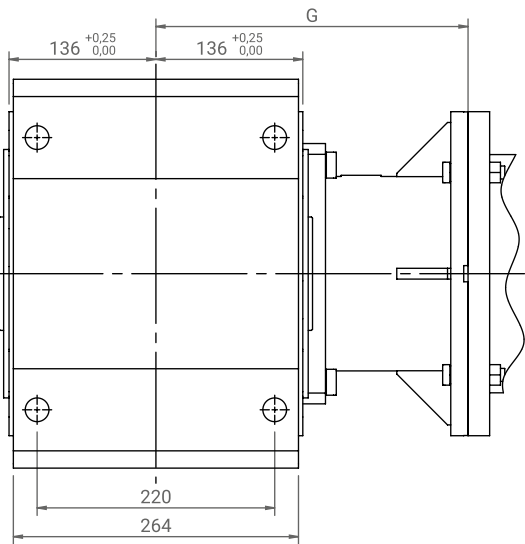
**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



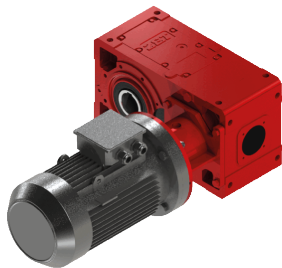
**Peso incluso flangia PAM 180 B5**  
WEIGHT INCLUDING 180 B5 MOTOR FLANGE

| MHE 2160 Quantità olio |    |    | OIL QUANTITIES (L) |    |    |
|------------------------|----|----|--------------------|----|----|
| M3                     | M4 | M5 | M6                 | M7 | M8 |
| 14                     | 14 | 21 | 19                 | 22 | 22 |

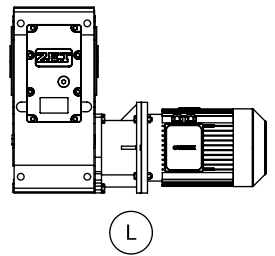
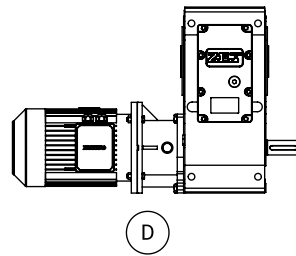
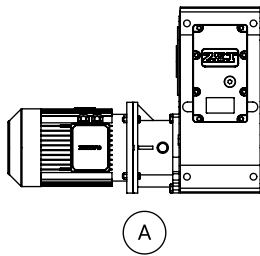
\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



**Conf. albero ingresso**  
Input Shaft Configurations

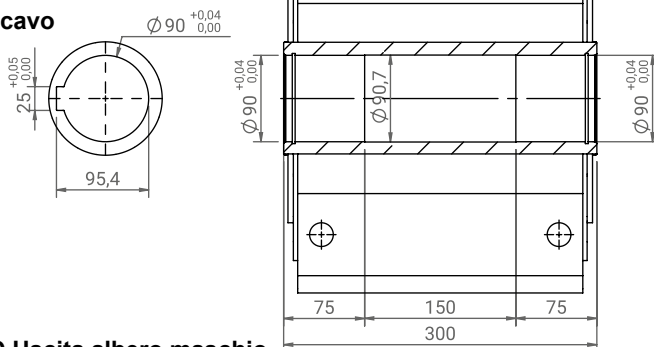


| Rapporto<br>Raito | G      |        |        |        |
|-------------------|--------|--------|--------|--------|
|                   | 180 B5 | 200 B5 | 225 B5 | 250 B5 |
| i>16,5            | 353    | 355    | 387    | 389    |
| i<16,5            | -      | -      | 417    | 419    |

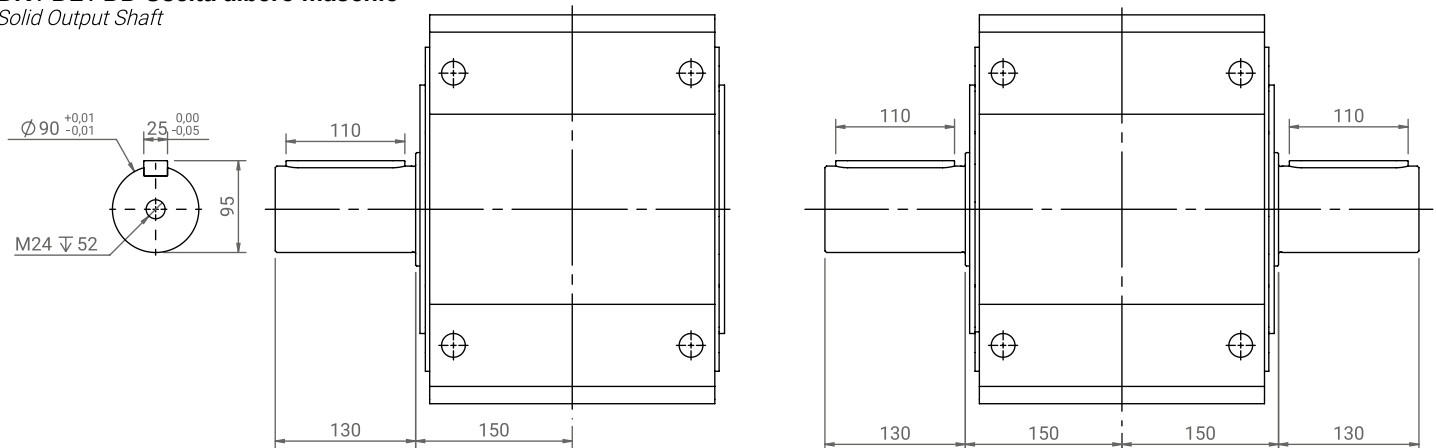


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft

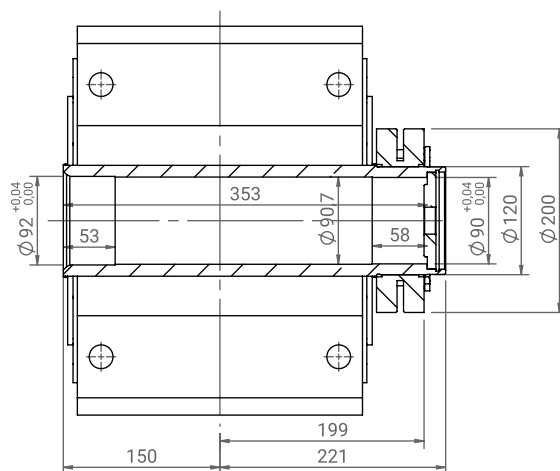
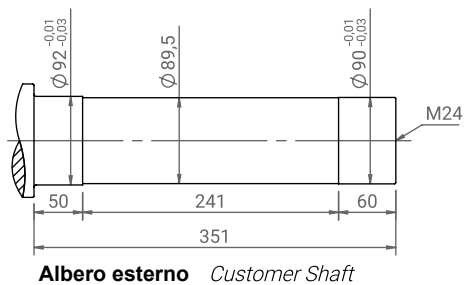




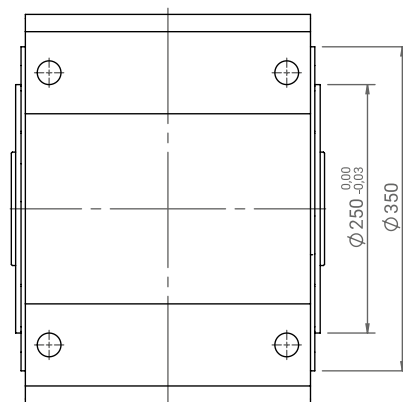
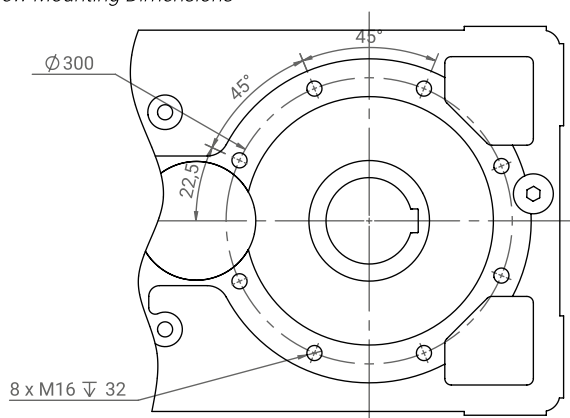


**Conf. Albero uscita**  
Output Shaft Configurations

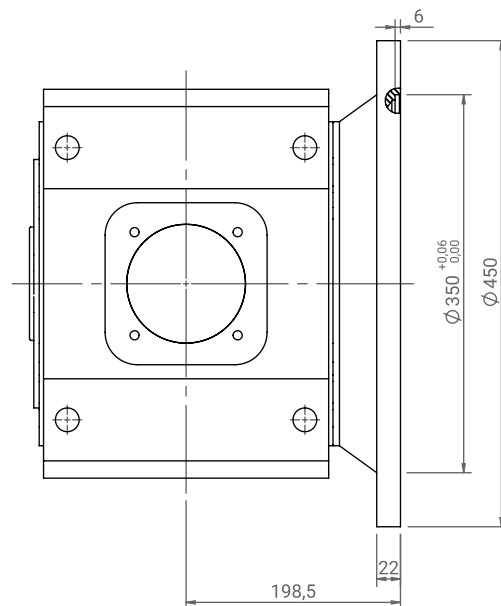
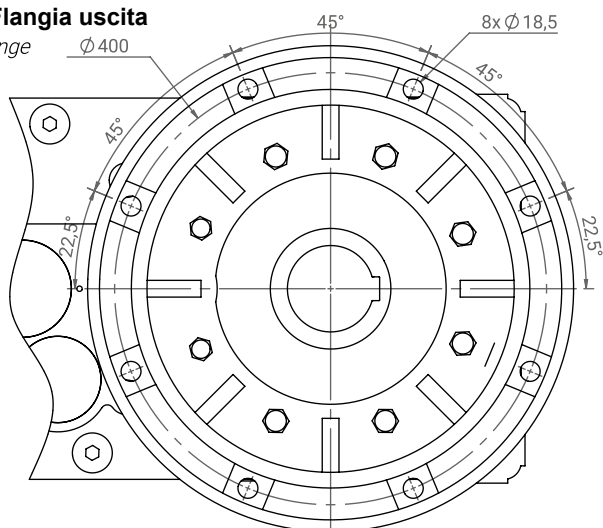
SR /SL



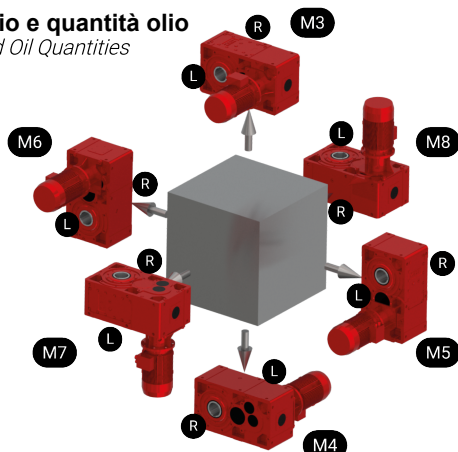
**Dimensioni montaggio laterale**  
Side View Mounting Dimensions



**FR 450 / Flangia uscita**  
Output Flange



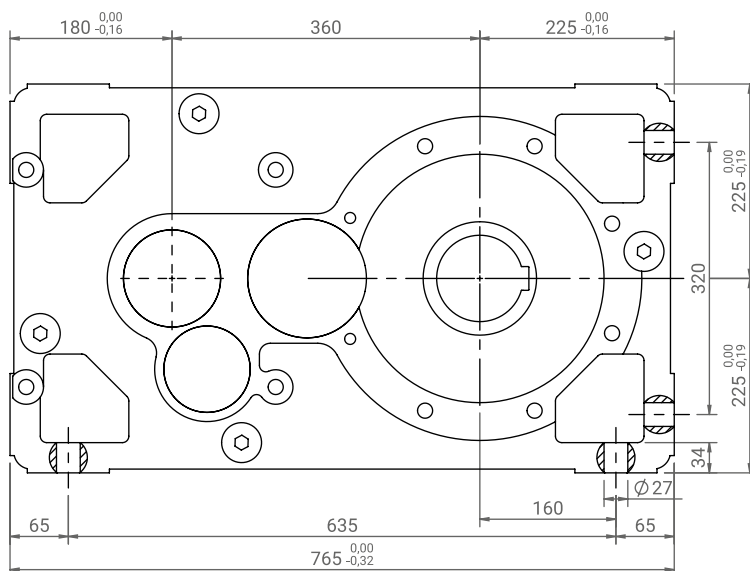
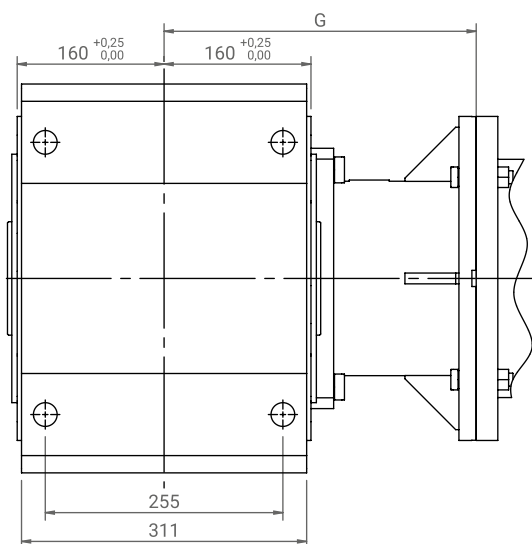
**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



**Peso incluso flangia PAM 200 B5**  
WEIGHT INCLUDING 200 B5 MOTOR FLANGE

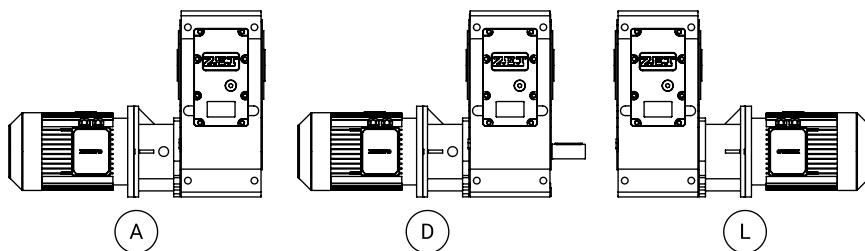
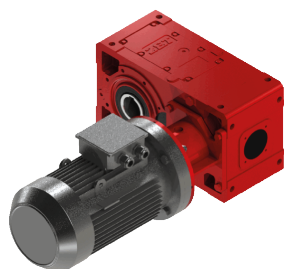
| MHE 2180 Quantità olio |    |    | OIL QUANTITIES (L) |    |    |
|------------------------|----|----|--------------------|----|----|
| M3                     | M4 | M5 | M6                 | M7 | M8 |
| 15                     | 15 | 21 | 22                 | 22 | 21 |

\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



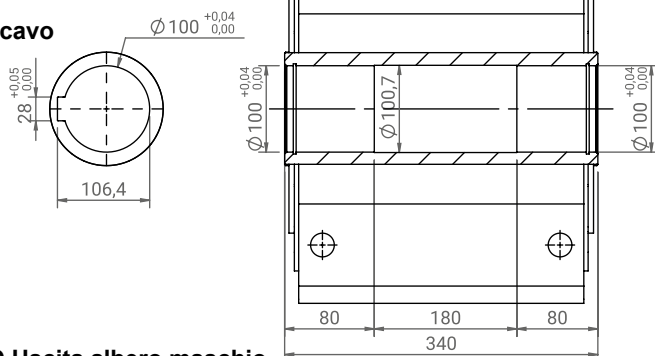
**Conf. albero ingresso**  
Input Shaft Configurations

| Rapporto<br>Raito | G      |        |        |        |
|-------------------|--------|--------|--------|--------|
|                   | 200 B5 | 225 B5 | 250 B5 | 280 B5 |
| i>13              | 409    | 441    | 448    | 448    |
| i<13              | -      | -      | 448    | 448    |

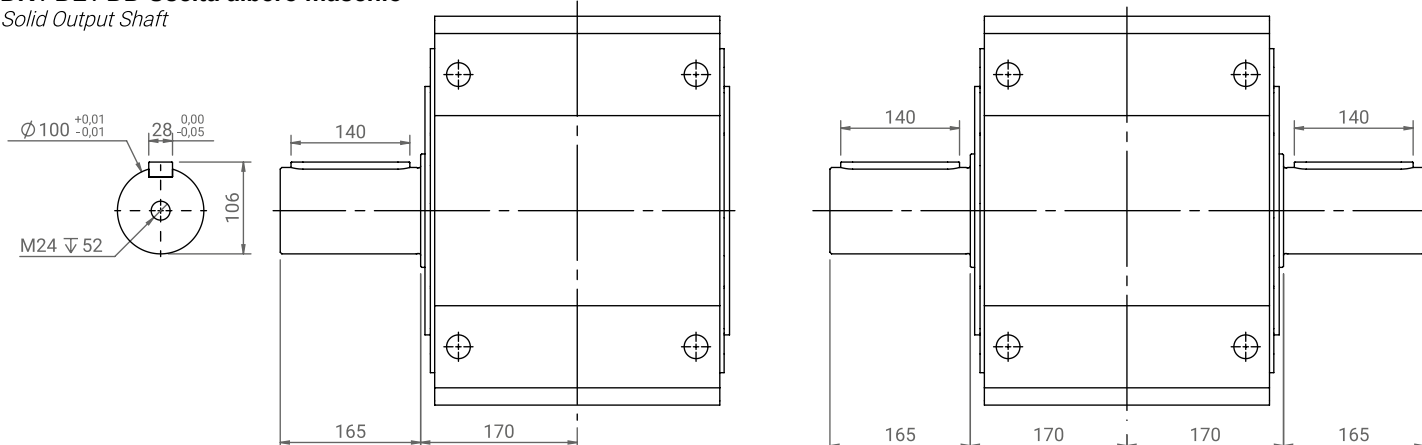


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft

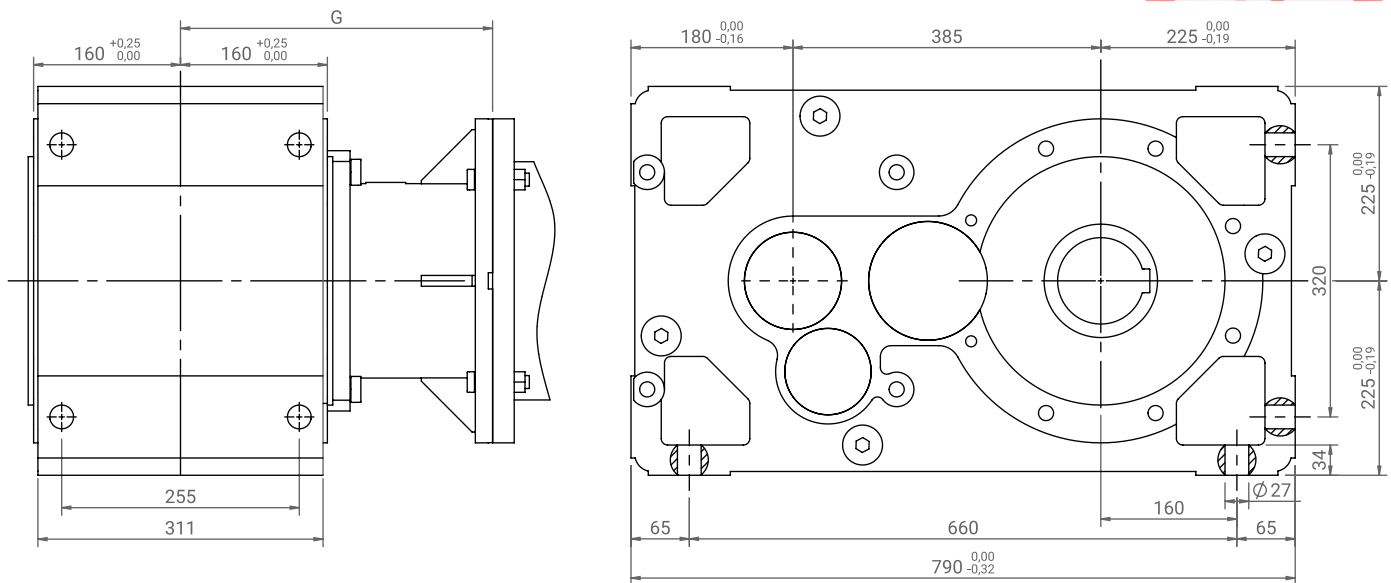


**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



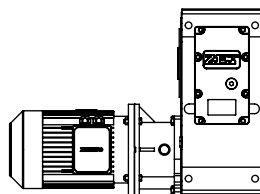
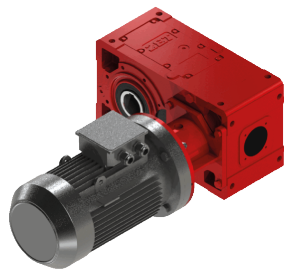


## 189

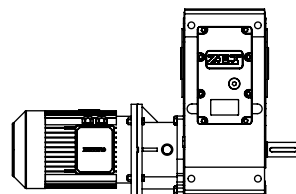


**Conf. albero ingresso**  
Input Shaft Configurations

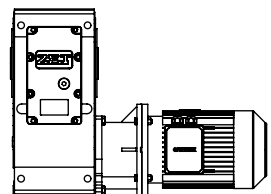
| Rapporto<br>Raito | G      |        |        |
|-------------------|--------|--------|--------|
|                   | 225 B5 | 250 B5 | 280 B5 |
| i>11              | 441    | 448    | 448    |
| i<11              | -      | -      | 448    |



A



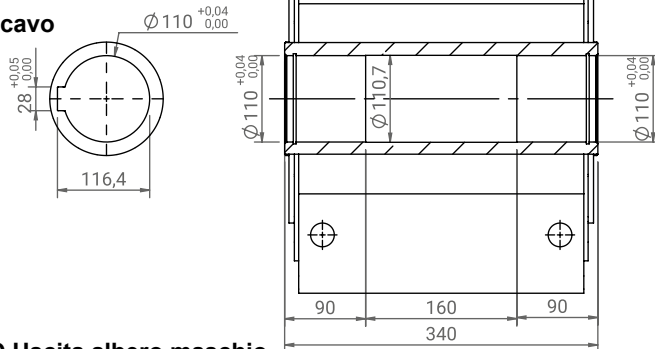
D



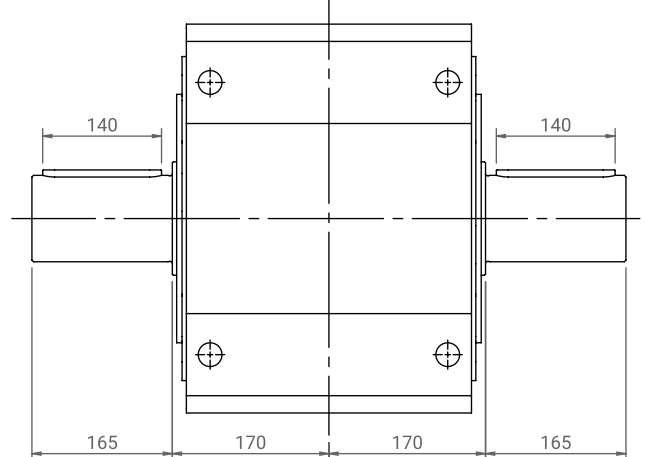
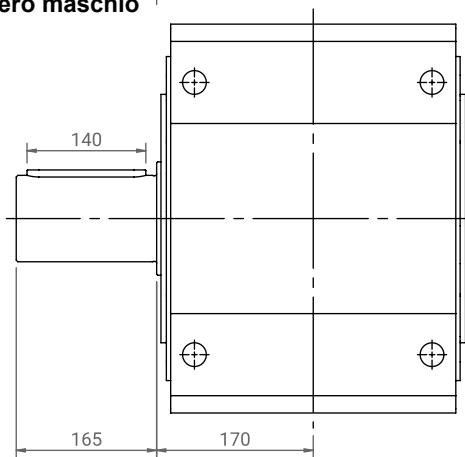
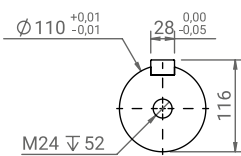
L

**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft





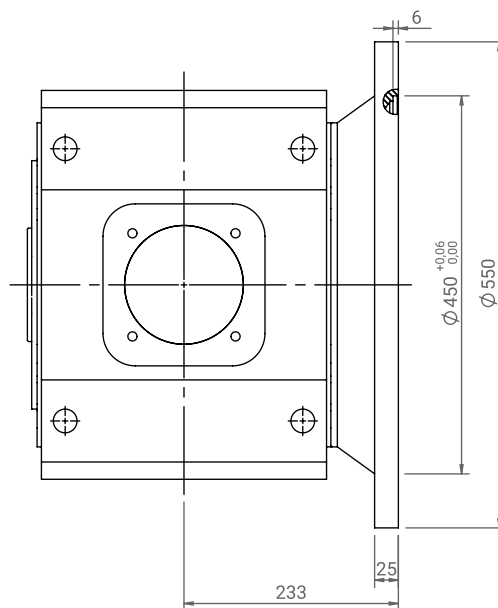
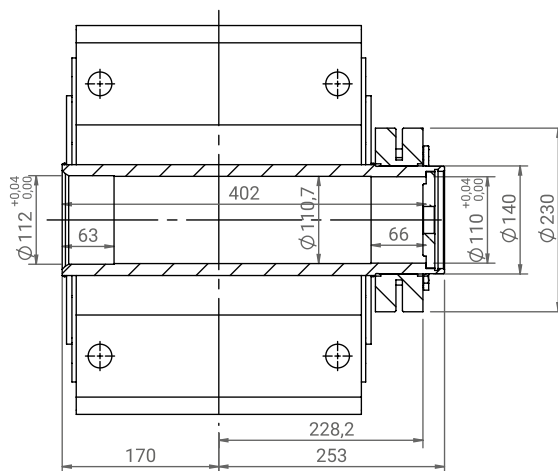
### Dimensioni / Dimension Sheets

### Output Shaft Configurations

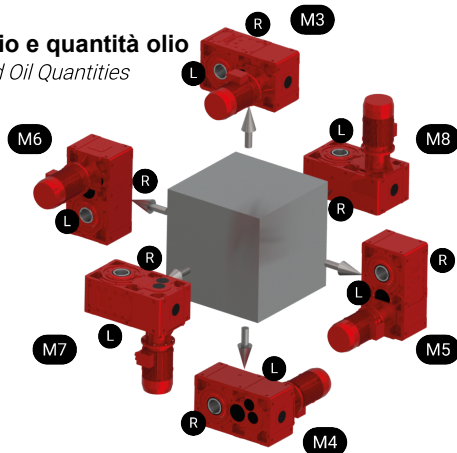
Technical drawing of a shaft with a keyway. The shaft has a total length of 400 mm. It features a central section with a diameter of 109.5 mm and a length of 272 mm. The left end has a diameter of 112 mm with a tolerance of -0.01 to -0.03 mm and a length of 60 mm. The right end has a diameter of 110 mm with a tolerance of -0.01 to -0.03 mm and a length of 68 mm. A keyway is shown on the left end, and an M24 thread is indicated on the right end.

**Albero esterno** *Customer Shaft*

### Side View Mounting Dimensions

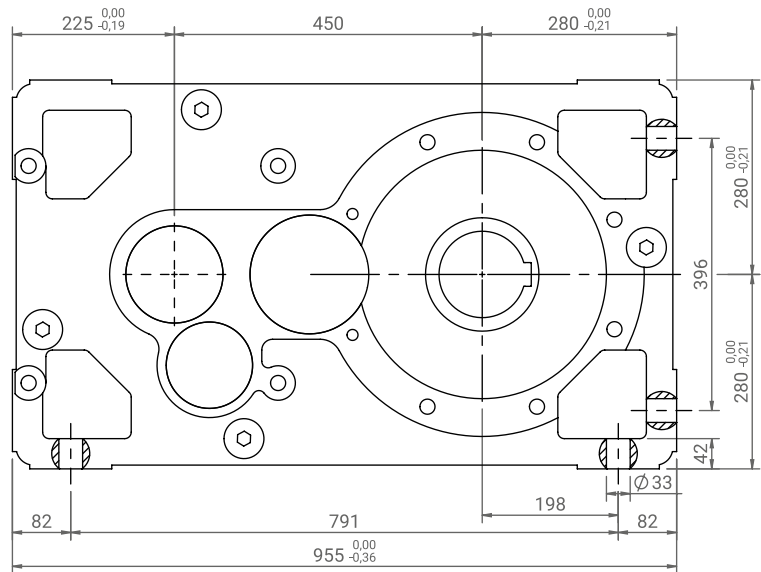
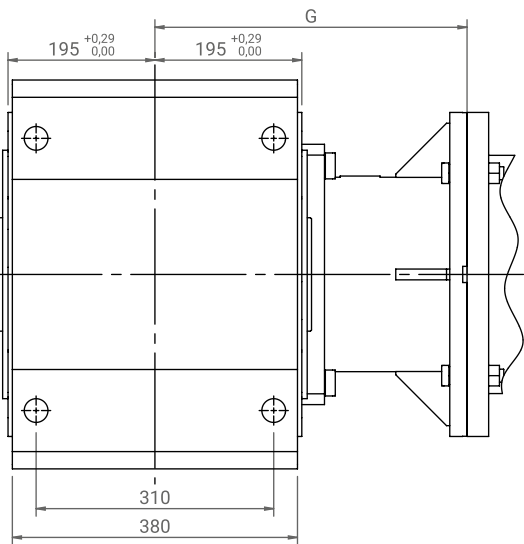


### Mounting Positions\* and Oil Quantities



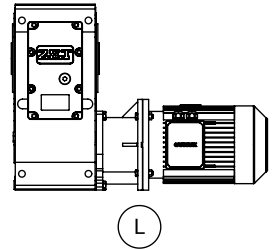
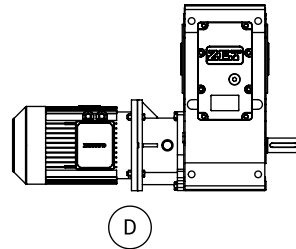
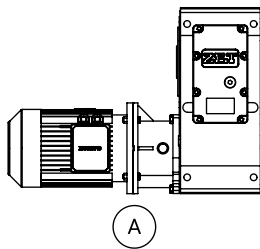
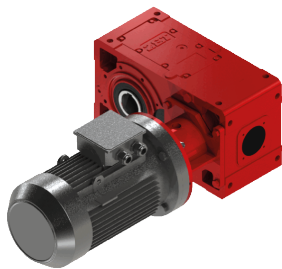
**Peso incluso flangia PAM 280 B5**  
**WEIGHT INCLUDING 280 B5 MOTOR FLANGE**

**\*Posizione montaggio mostrate con configurazione HS**  
*\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION*



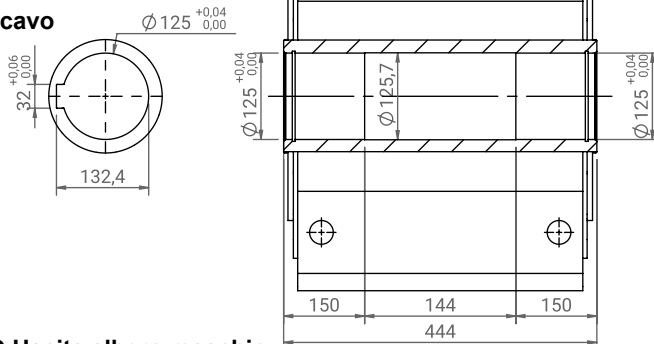
**Conf. albero ingresso**  
Input Shaft Configurations

| Rapporto<br>Raito | G      |        |        |
|-------------------|--------|--------|--------|
|                   | 250 B5 | 280 B5 | 315 B5 |
| i>10,2            | 523    | 523    | 563    |
| i<10,2            | -      | -      | 563    |

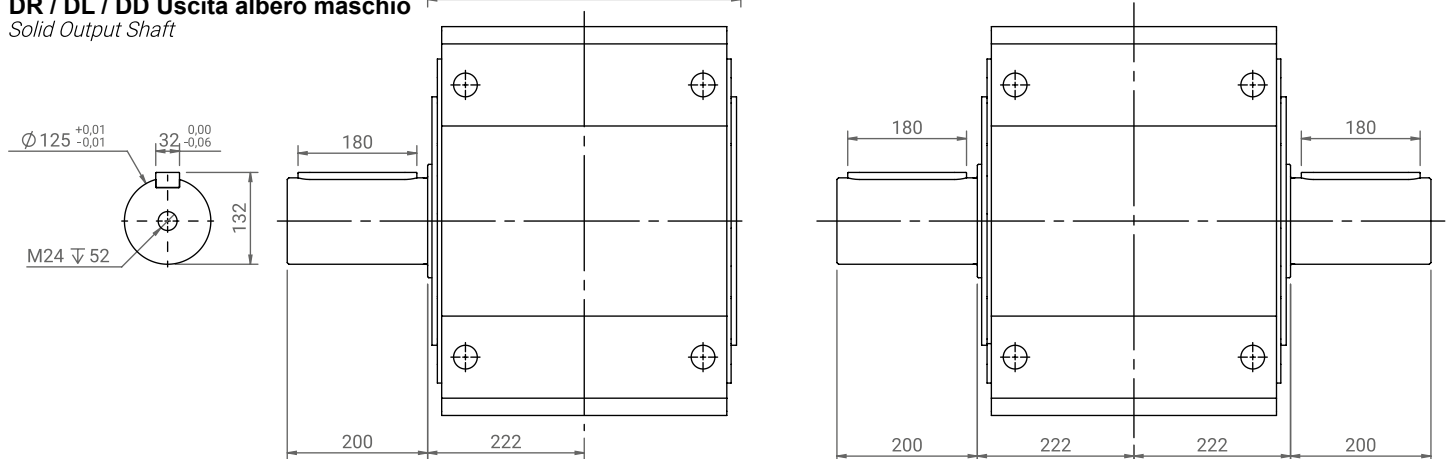


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft





**ZET**  
R e d ü k t ö r

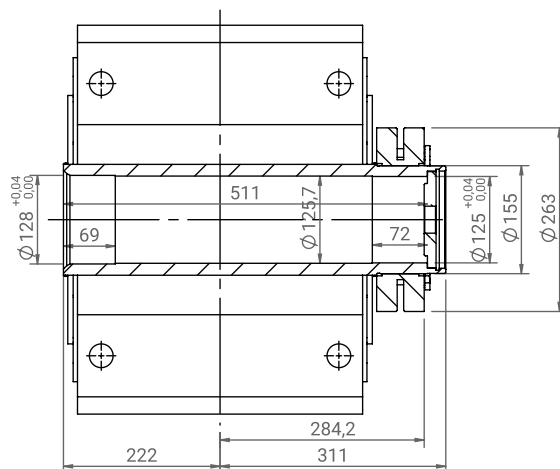
# MHE 2250

## Dimensioni / Dimension Sheets

### Conf. Albero uscita

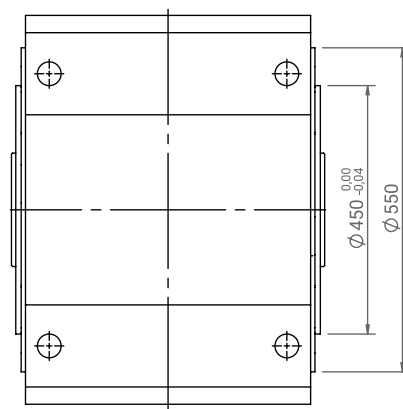
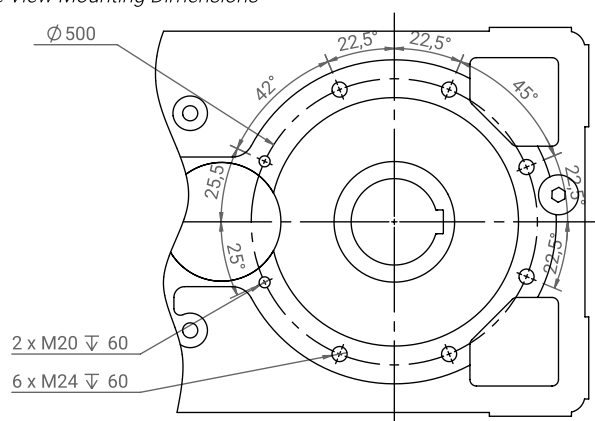
#### Output Shaft Configurations

SR / SL



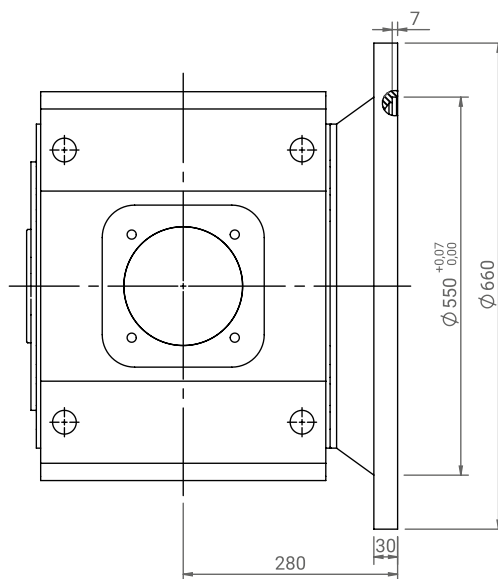
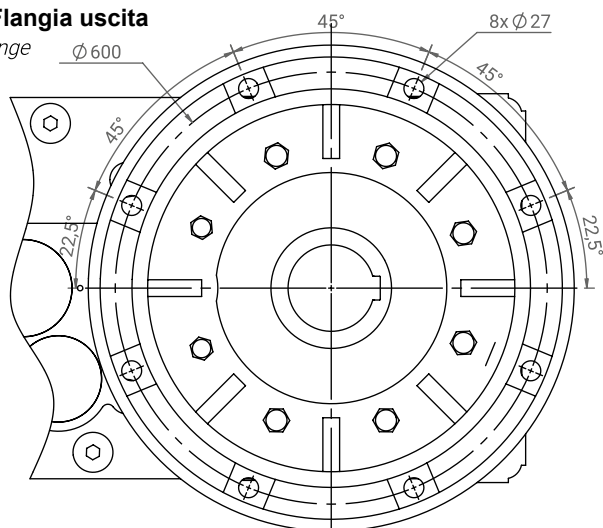
### Dimensioni montaggio laterale

#### Side View Mounting Dimensions



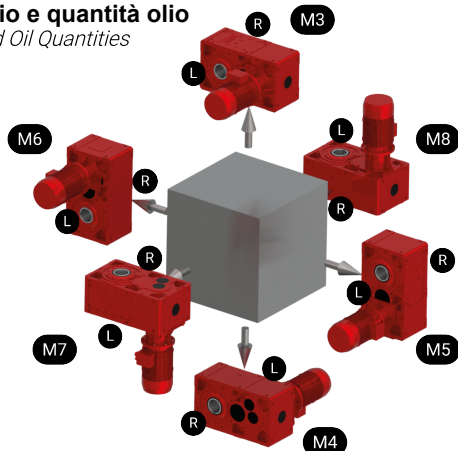
### FR 660 / Flangia uscita

#### Output Flange



### Posizioni montaggio e quantità olio

#### Mounting Positions\* and Oil Quantities

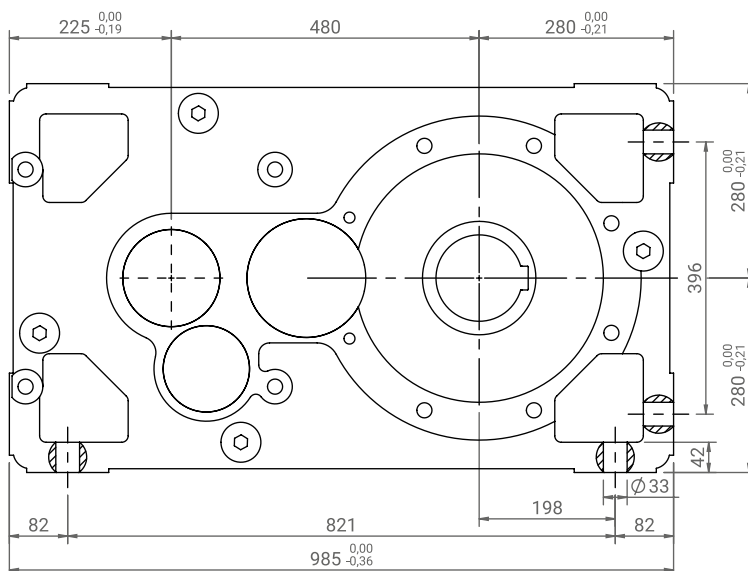
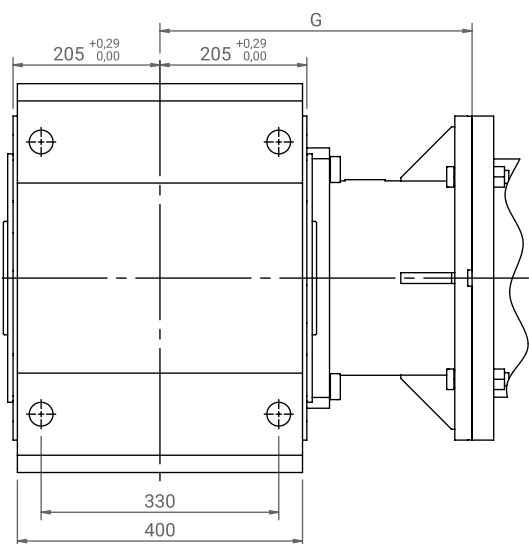


**Peso incluso flangia PAM 315 B5**  
WEIGHT INCLUDING 315 B5 MOTOR FLANGE

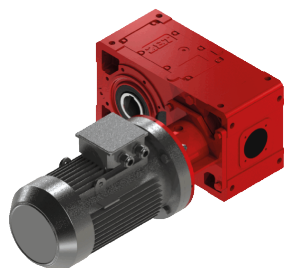
| MHE 2250 Quantità olio |    |    | OIL QUANTITIES (L) |    |    |
|------------------------|----|----|--------------------|----|----|
| M3                     | M4 | M5 | M6                 | M7 | M8 |
| 56                     | 56 | 80 | 84                 | 83 | 81 |

\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION

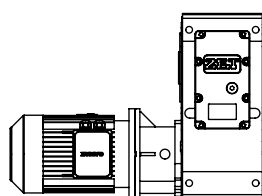




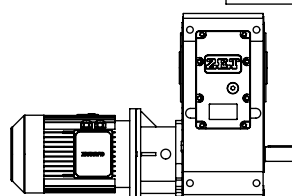
**Conf. albero ingresso**  
Input Shaft Configurations



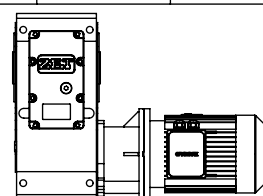
| Rapporto<br>Raito | G      |        |
|-------------------|--------|--------|
|                   | 280 B5 | 315 B5 |
| i>15              | 533    | 573    |
| i<15              | -      | 573    |



A



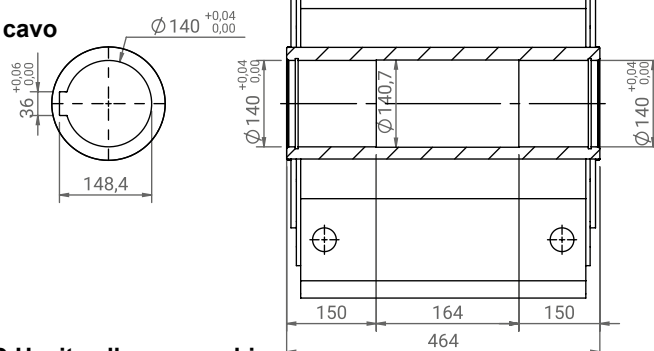
D



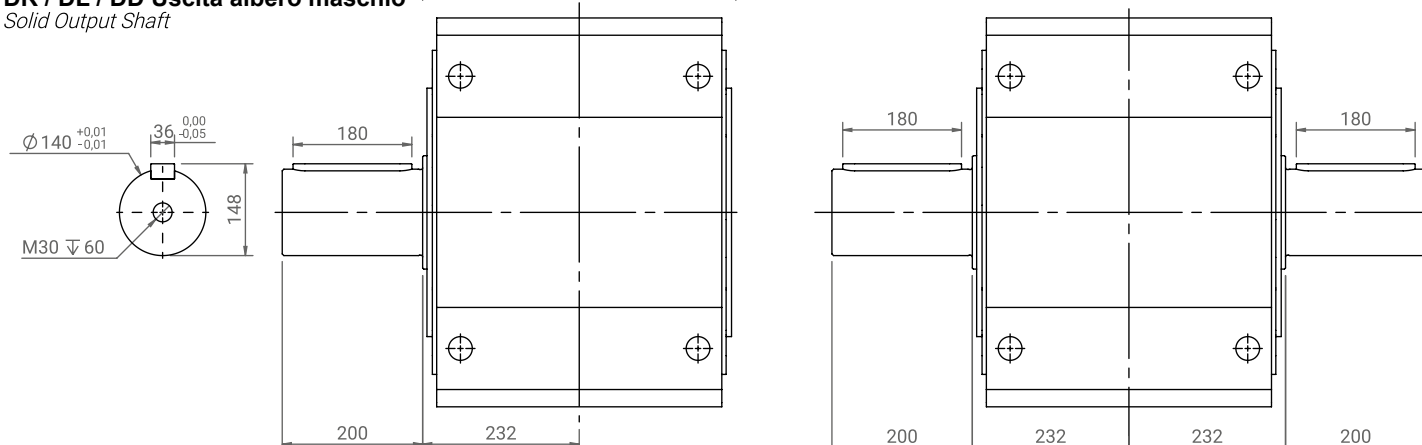
L

**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft

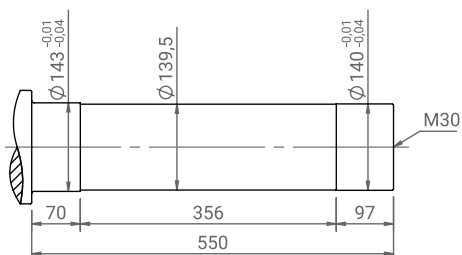




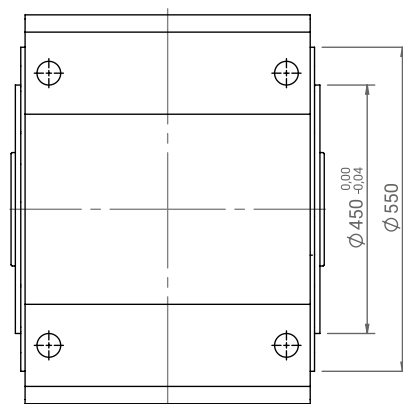
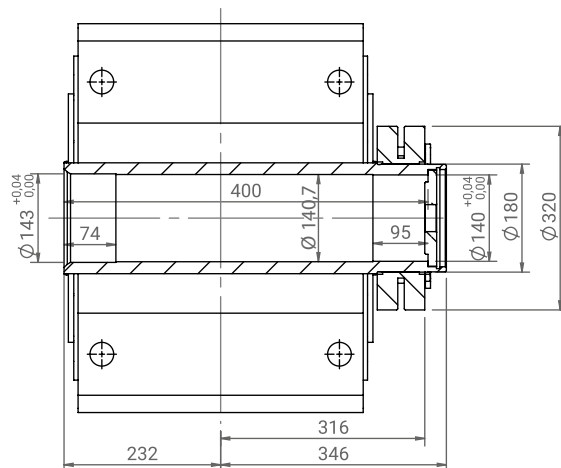


**Conf. Albero uscita**  
Output Shaft Configurations

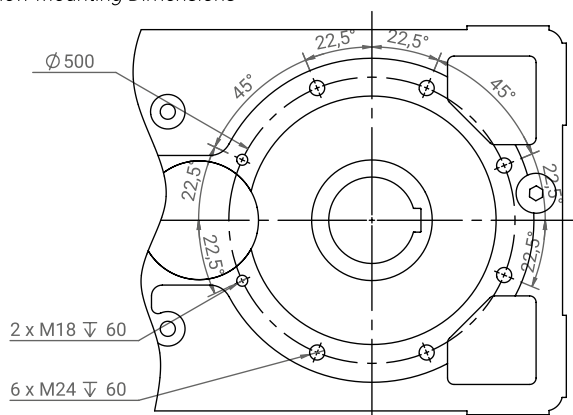
SR / SL



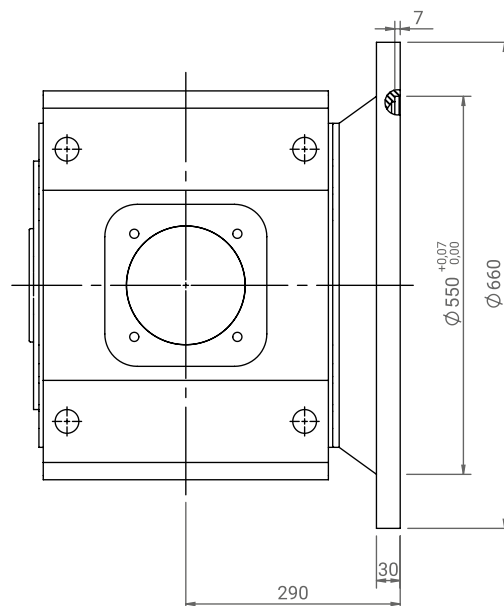
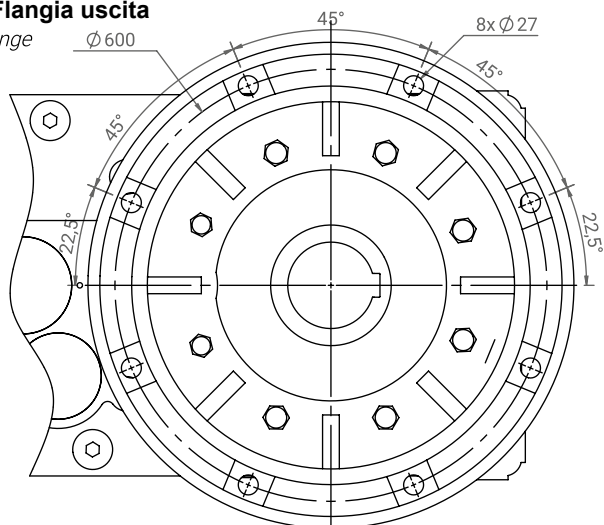
**Albero esterno** Customer Shaft



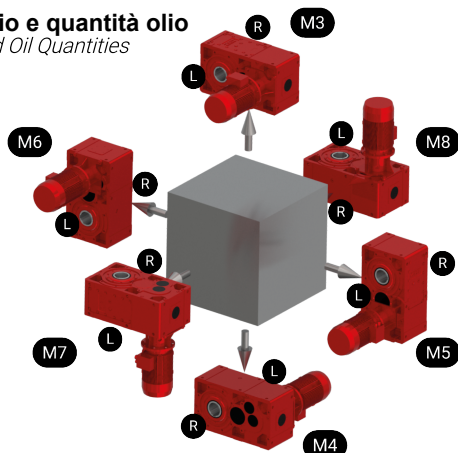
**Dimensioni montaggio laterale**  
Side View Mounting Dimensions



**FR 660 / Flangia uscita**  
Output Flange



**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities

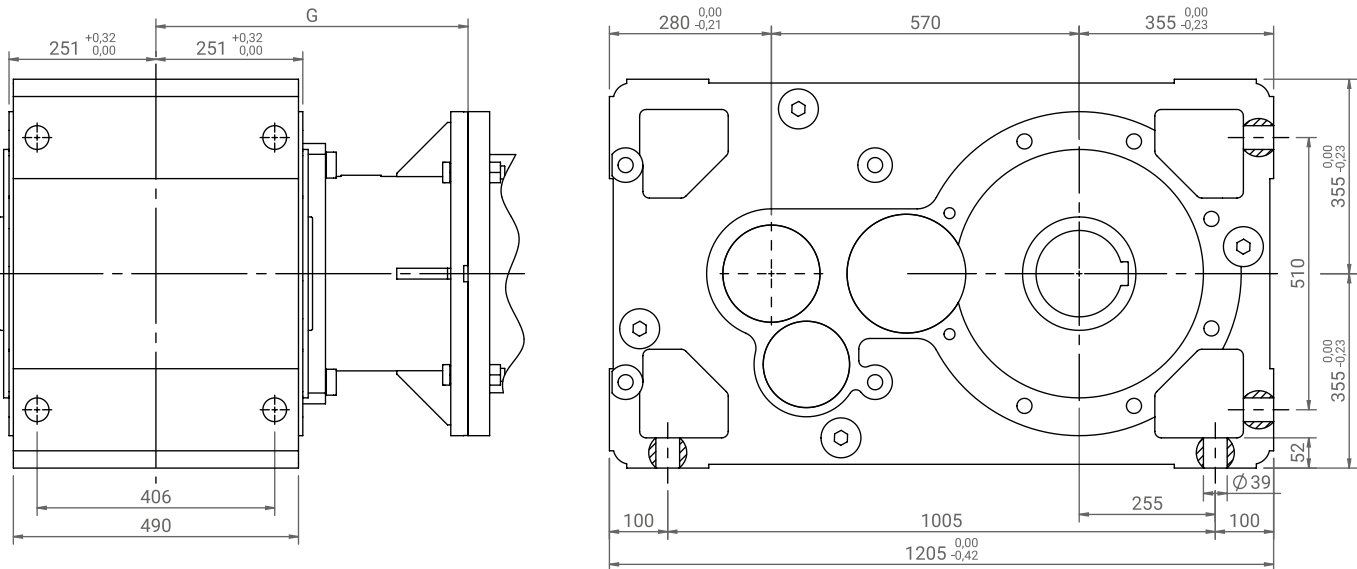


**857 Kg**

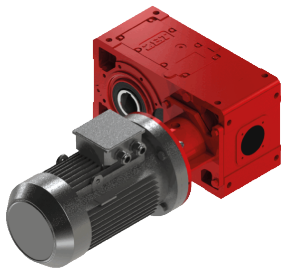
**Peso incluso flangia PAM 315 B5**  
WEIGHT INCLUDING 315 B5 MOTOR FLANGE

| MHE 2280 Quantità olio |    |    | OIL QUANTITIES (L) |    |    |
|------------------------|----|----|--------------------|----|----|
| M3                     | M4 | M5 | M6                 | M7 | M8 |
| 58                     | 58 | 85 | 86                 | 85 | 83 |

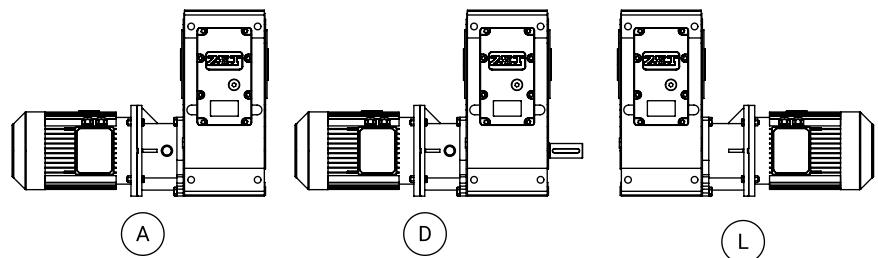
\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



**Conf. albero ingresso**  
Input Shaft Configurations

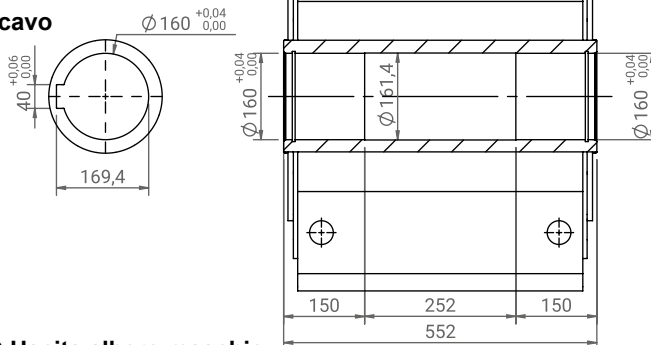


| Rapporto<br>Raito | G   |
|-------------------|-----|
| 315 B5            |     |
| i>10              | 609 |
| i<10              | 679 |

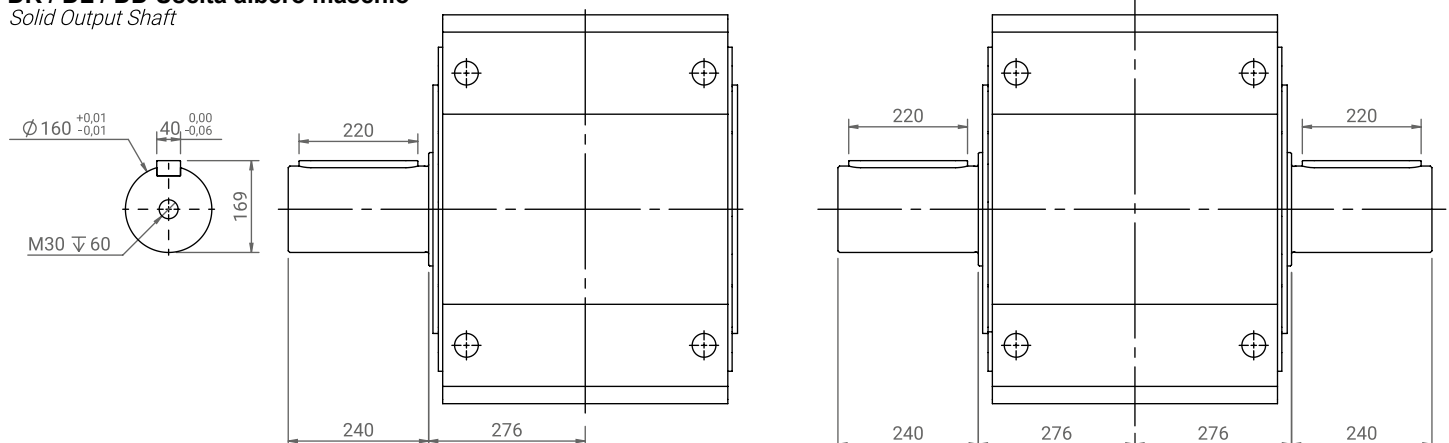


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



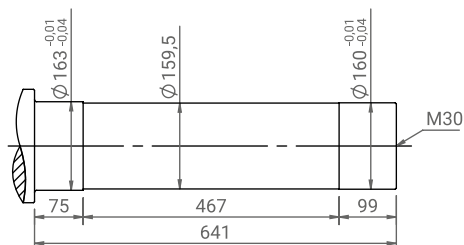
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft





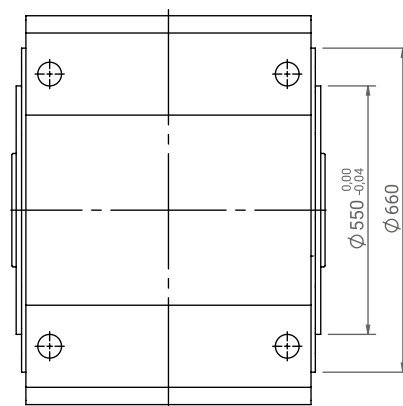
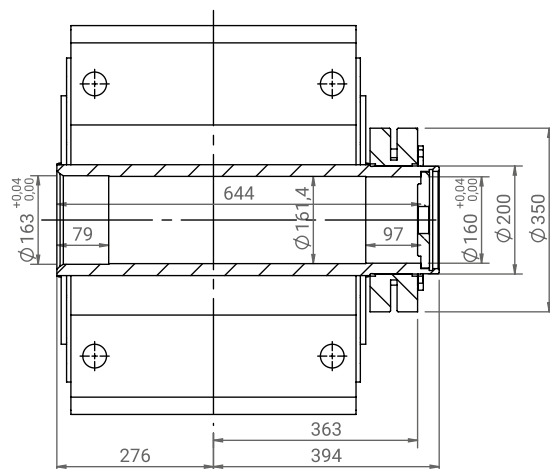
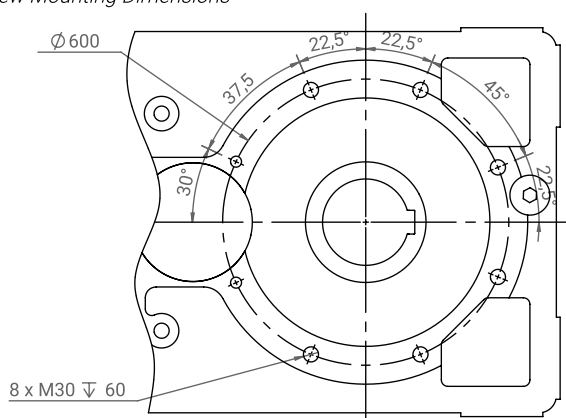
**Conf. Albero uscita**  
Output Shaft Configurations

SR /SL

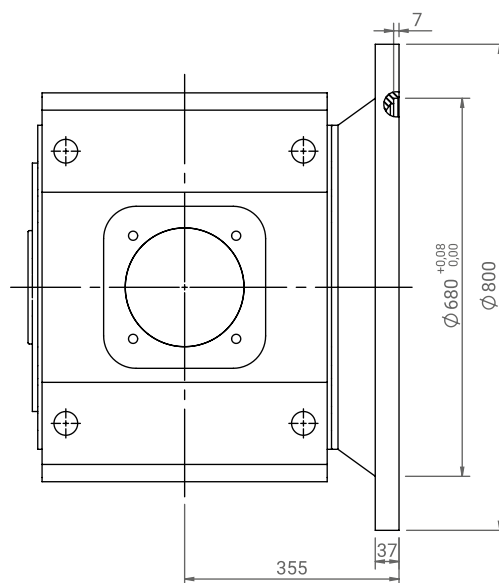
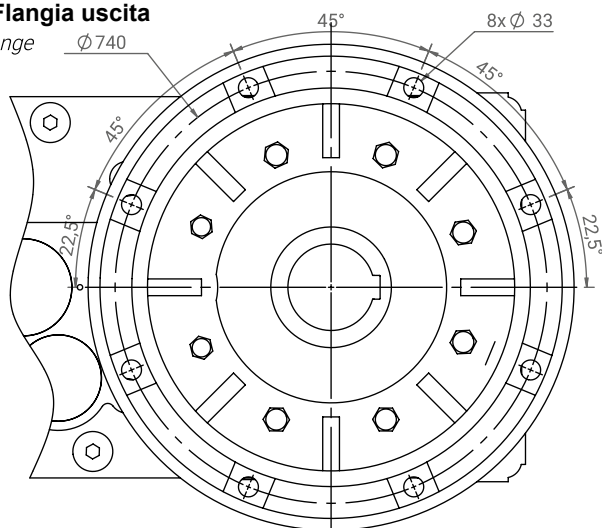


**Albero esterno** Customer Shaft

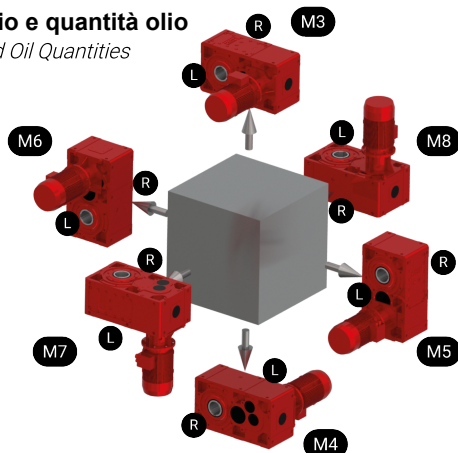
**Dimensioni montaggio laterale**  
Side View Mounting Dimensions



**FR 800 / Flangia uscita**  
Output Flange



**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities

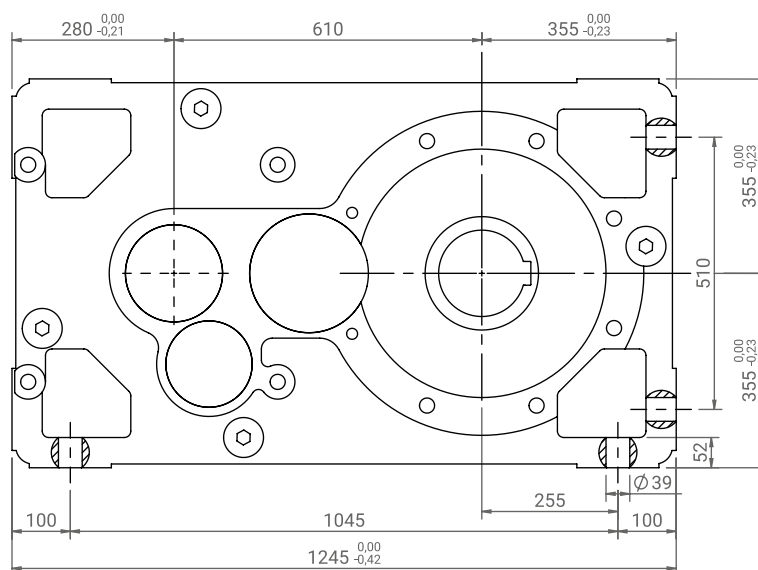
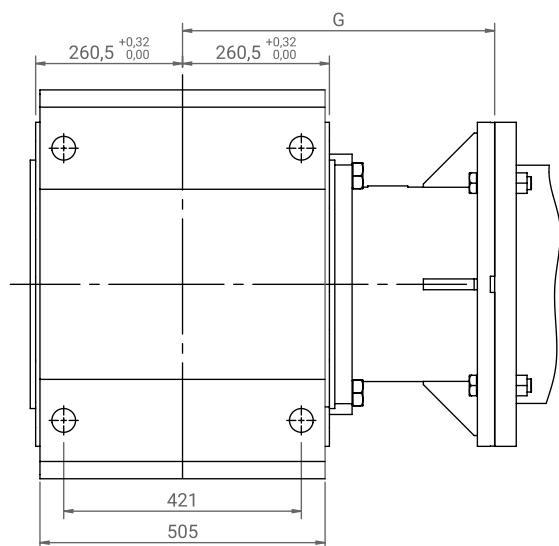


1410 Kg

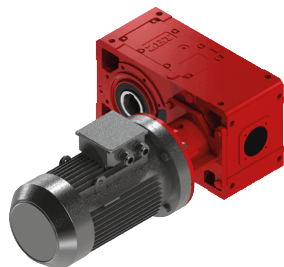
**Peso incluso flangia PAM 315 B5**  
WEIGHT INCLUDING 315 B5 MOTOR FLANGE

| MHE 2320 Quantità olio |     |     | OIL QUANTITIES (L) |     |     |
|------------------------|-----|-----|--------------------|-----|-----|
| M3                     | M4  | M5  | M6                 | M7  | M8  |
| 119                    | 119 | 163 | 183                | 175 | 171 |

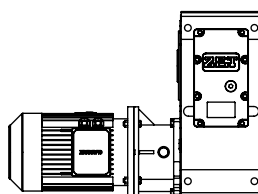
\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



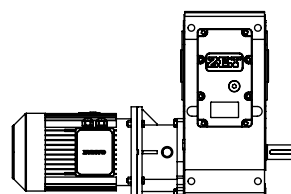
**Conf. albero ingresso**  
Input Shaft Configurations



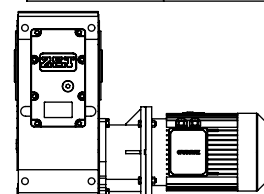
| Rapporto<br>Raito | G     |
|-------------------|-------|
| 315 B5            |       |
| i>15,5            | 618,5 |
| i<15,5            | 688,5 |



A



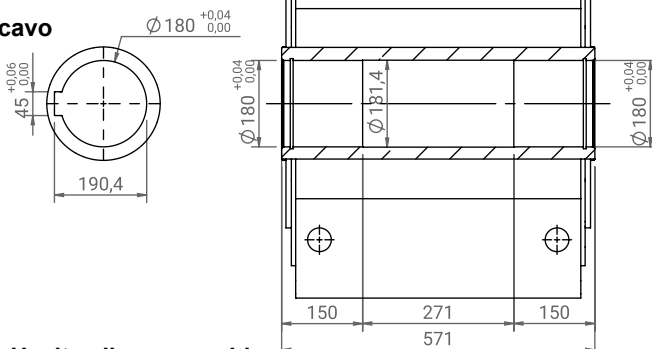
D



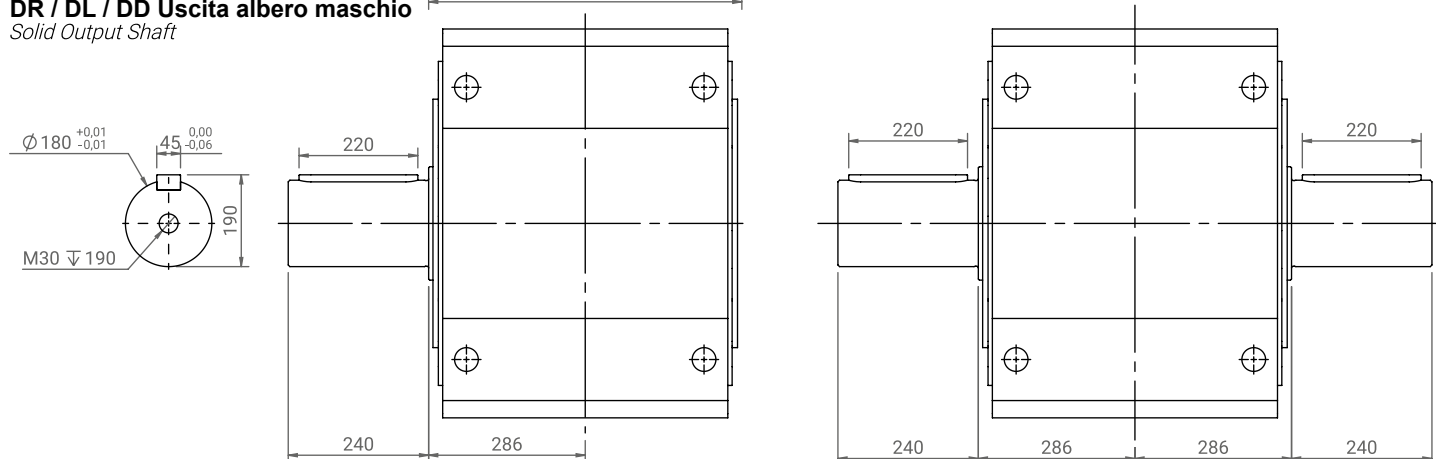
L

**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



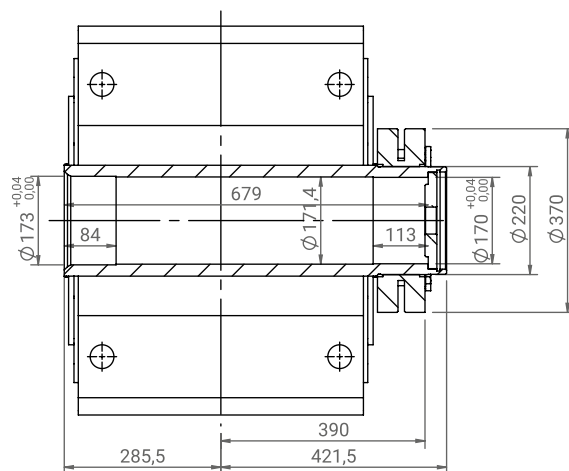
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



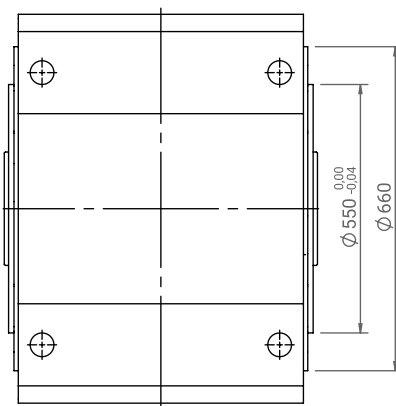
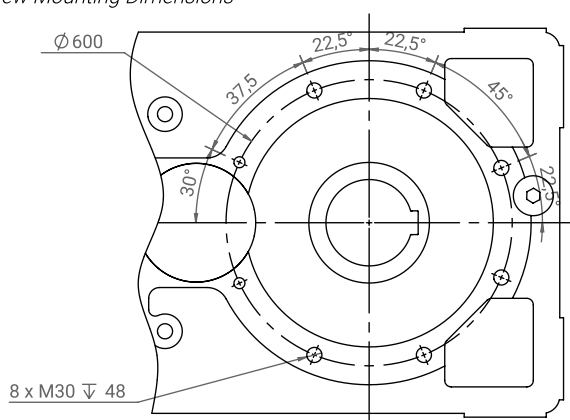


**Conf. Albero uscita**  
Output Shaft Configurations

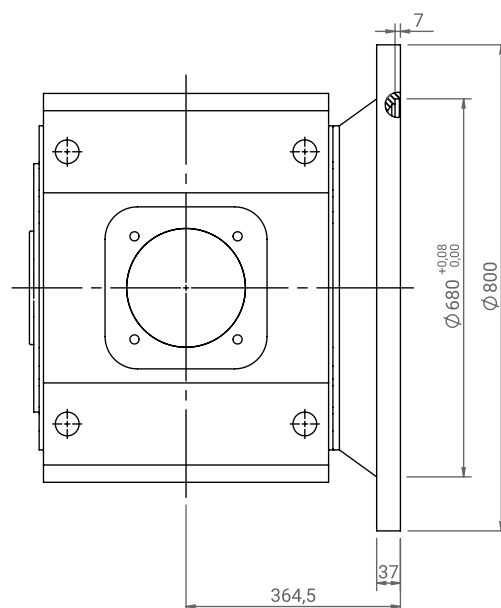
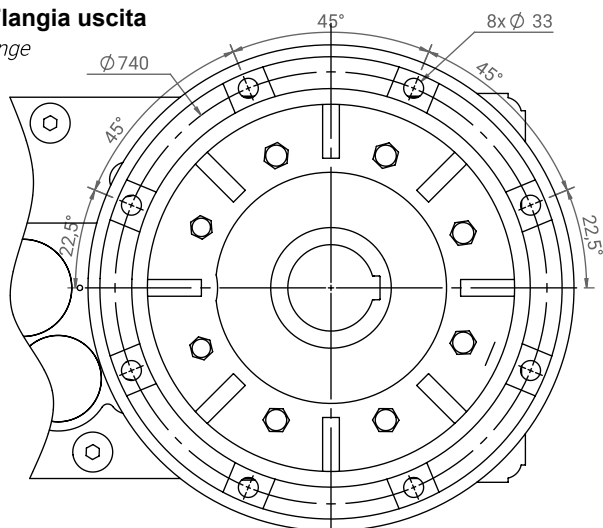
SR /SL



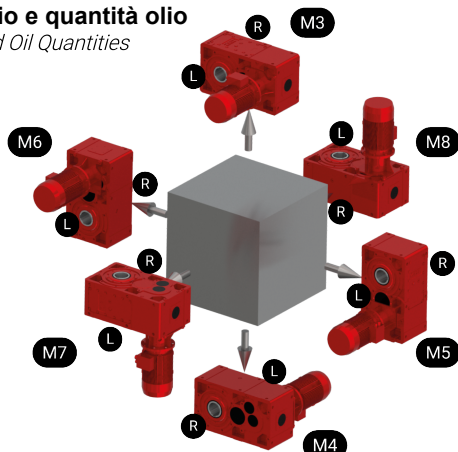
**Dimensioni montaggio laterale**  
Side View Mounting Dimensions



**FR 800 / Flangia uscita**  
Output Flange



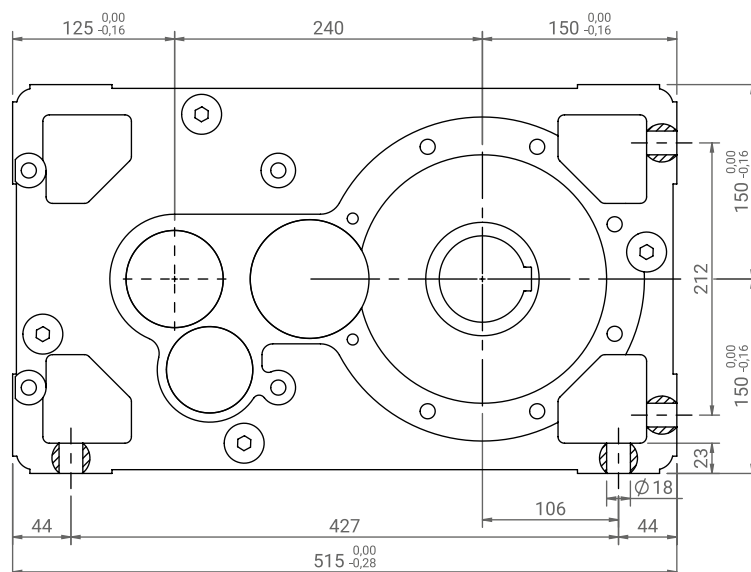
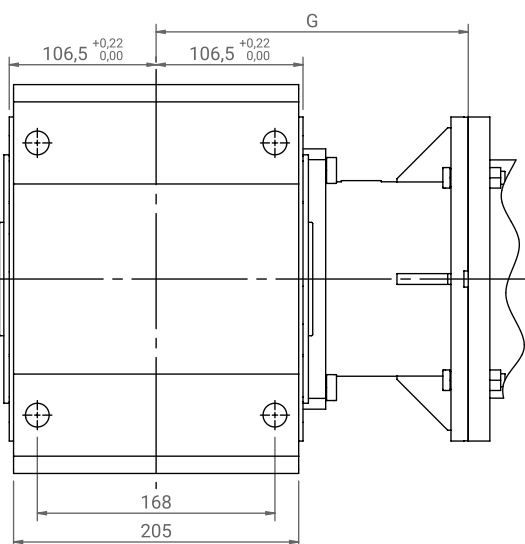
**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



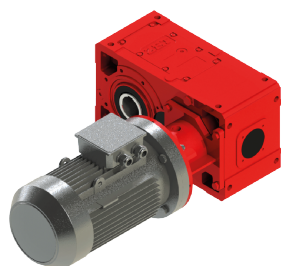
**Peso incluso flangia PAM 315 B5**  
WEIGHT INCLUDING 315 B5 MOTOR FLANGE

| MHE 2360 Quantità olio |     |     |     |     |     |
|------------------------|-----|-----|-----|-----|-----|
| OIL QUANTITIES (L)     |     |     |     |     |     |
| M3                     | M4  | M5  | M6  | M7  | M8  |
| 103                    | 147 | 163 | 164 | 151 | 162 |

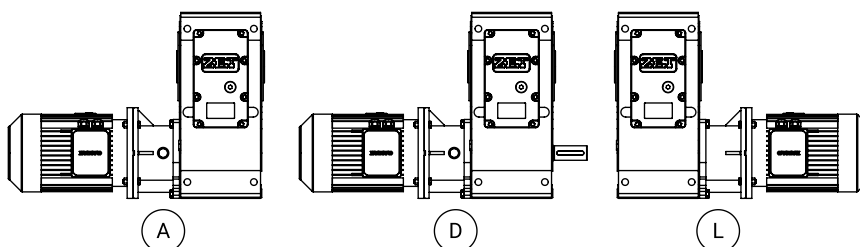
\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



**Conf. albero ingresso**  
Input Shaft Configurations

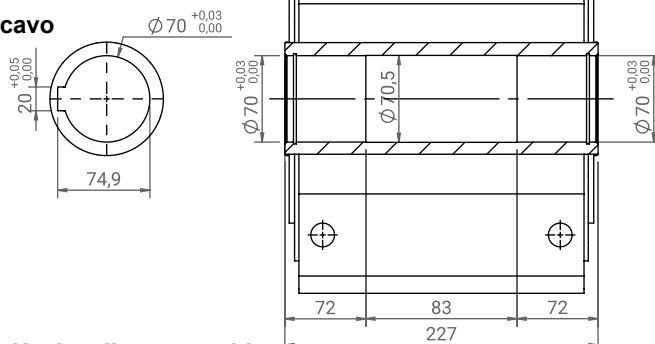


| Rapporto<br>Raito | G          |        |        |        |
|-------------------|------------|--------|--------|--------|
|                   | 100/112 B5 | 132 B5 | 160 B5 | 180 B5 |
| i>67              | 227,5      | 249,5  | -      | -      |
| i<67              | 237,5      | 259,5  | 303,5  | 303,5  |

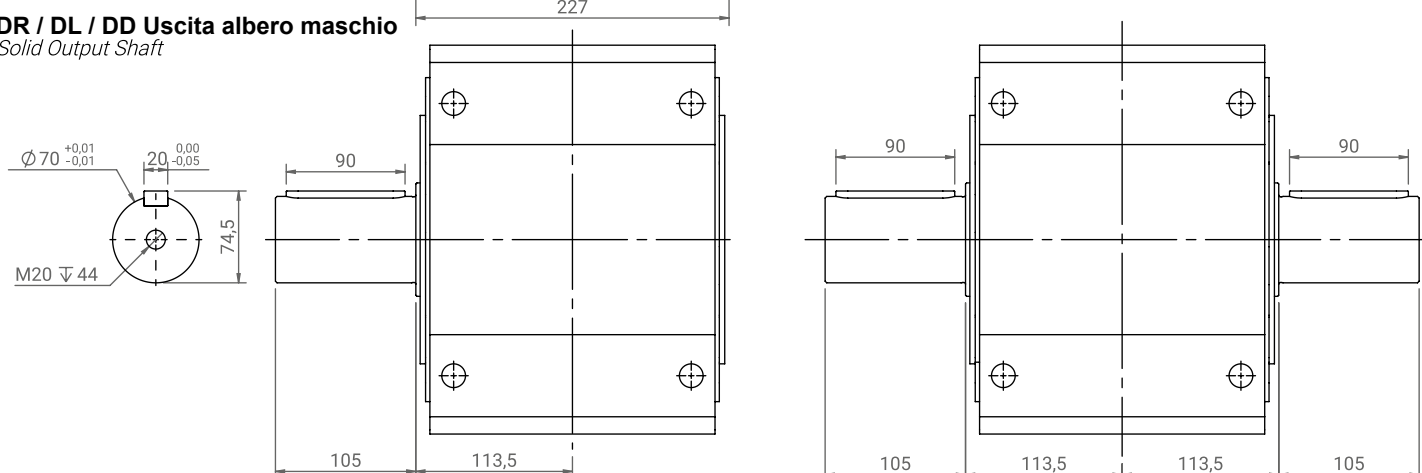


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



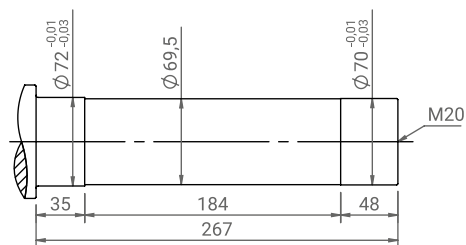
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



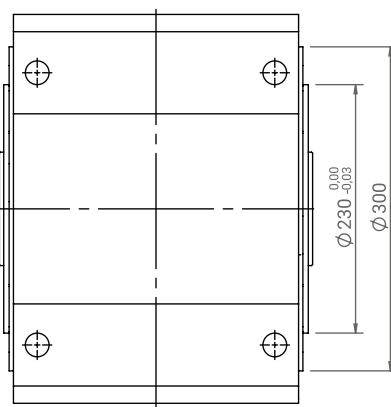
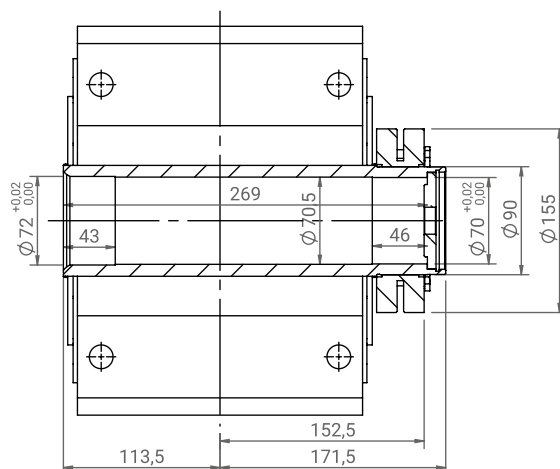


**Conf. Albero uscita**  
Output Shaft Configurations

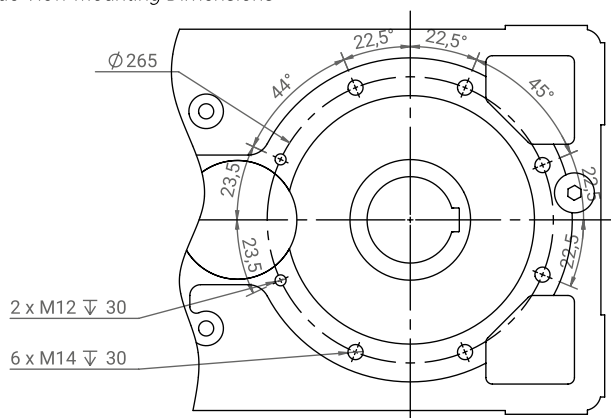
SR / SL



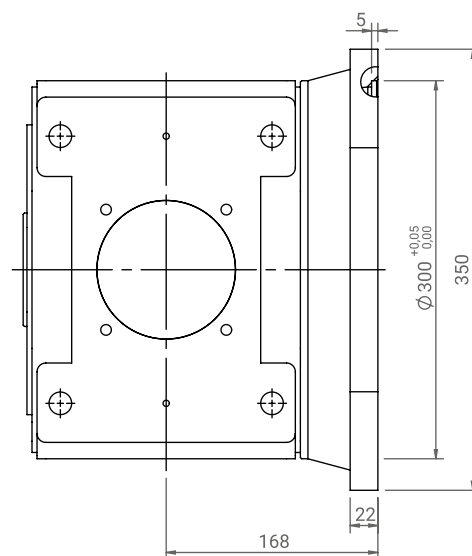
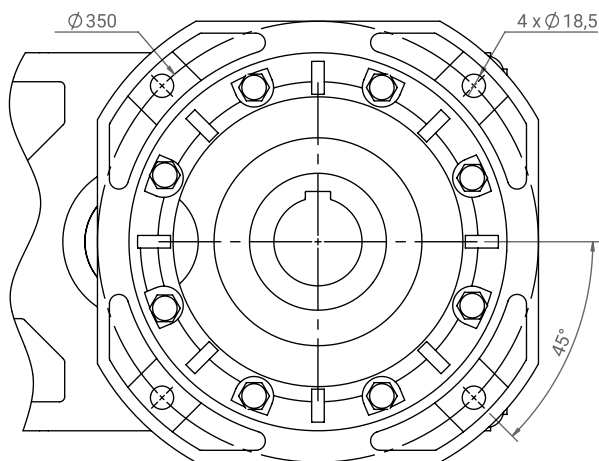
**Albero esterno** Customer Shaft



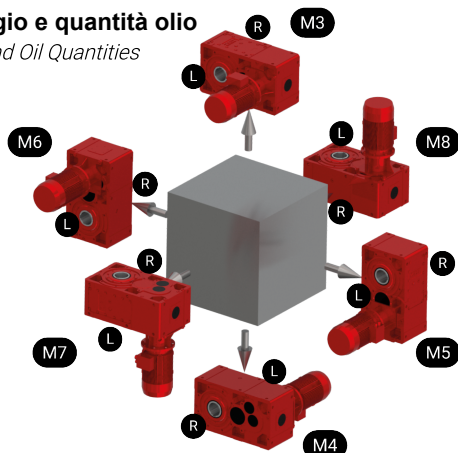
**Dimensioni montaggio laterale**  
Side View Mounting Dimensions



**FR 350 / Flangia uscita**  
Output Flange



**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities

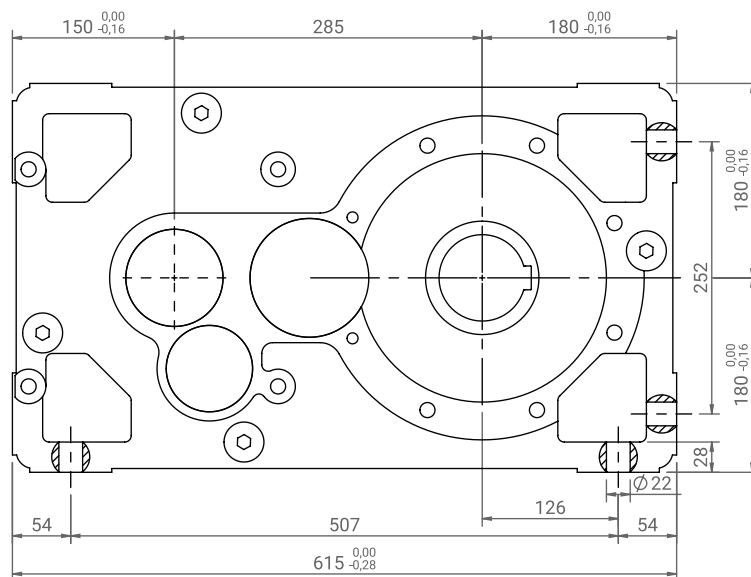
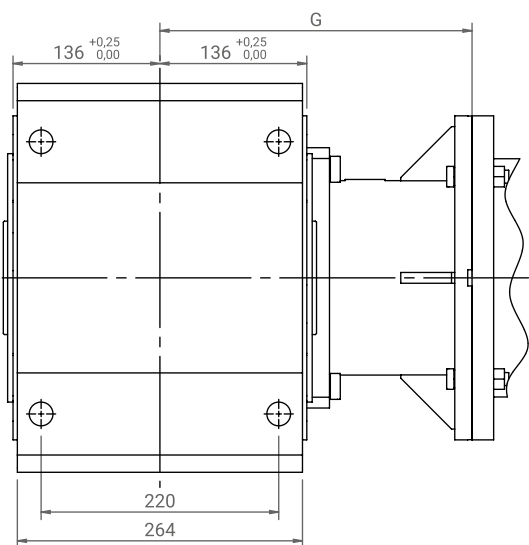


**Peso incluso flangia PAM 132 B5**  
WEIGHT INCLUDING 132 B5 MOTOR FLANGE

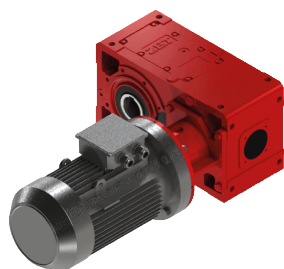
| MHE 3140 Quantità olio |    |    | OIL QUANTITIES (L) |    |    |
|------------------------|----|----|--------------------|----|----|
| M3                     | M4 | M5 | M6                 | M7 | M8 |
| 8                      | 11 | 11 | 12                 | 12 | 11 |

\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION

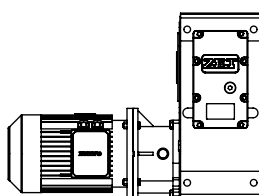




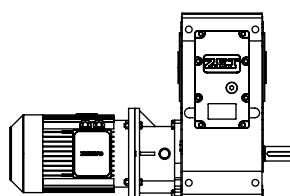
**Conf. albero ingresso**  
Input Shaft Configurations



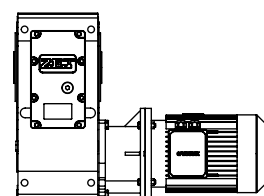
| Rapporto<br>Ratio | G          |        |        |        |        |        |
|-------------------|------------|--------|--------|--------|--------|--------|
|                   | 100/112 B5 | 132 B5 | 160 B5 | 180 B5 | 200 B5 | 225 B5 |
| i>76              | 267        | 289    | 323    | -      | -      | -      |
| i<76              | -          | 299    | 335    | 333    | 335    | 377    |



(A)



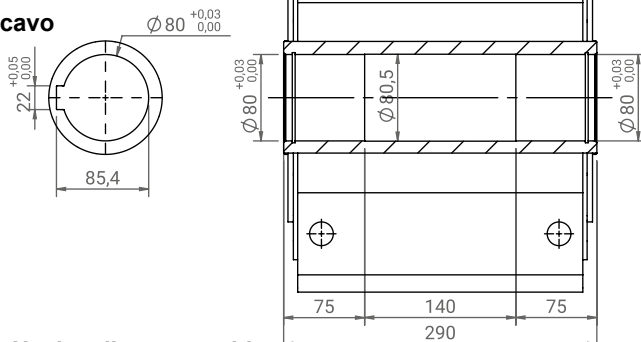
(D)



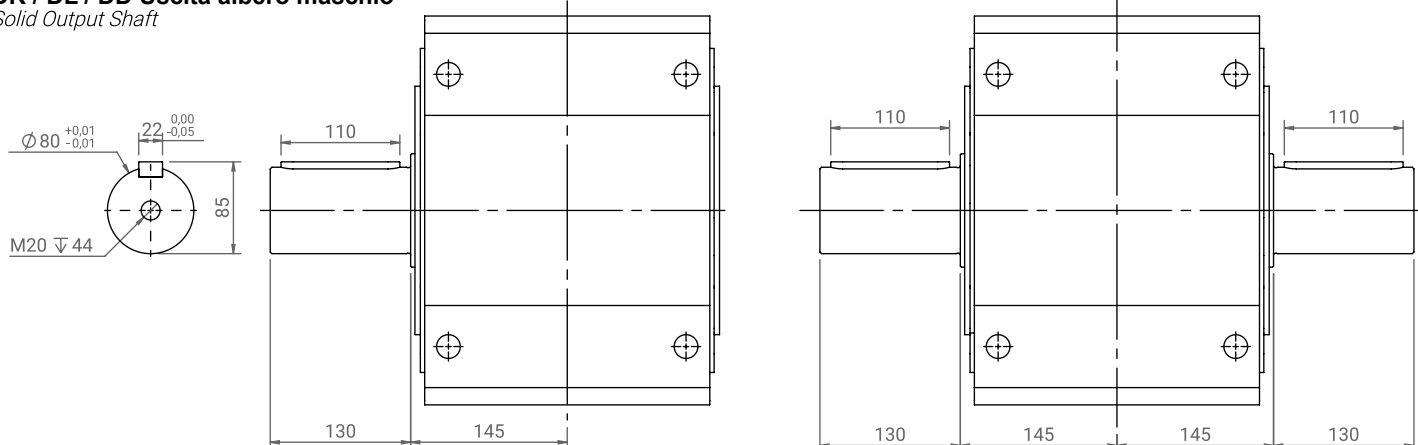
(L)

**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



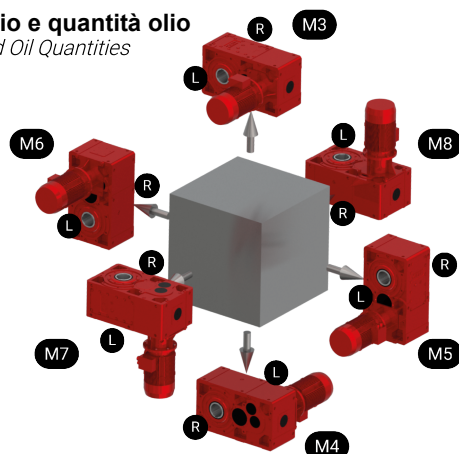
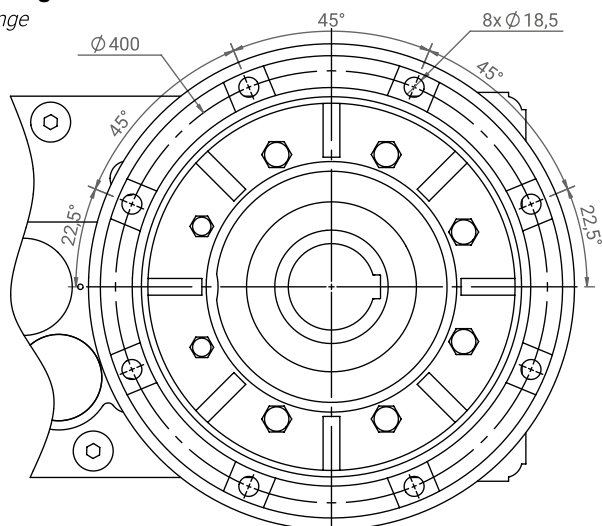
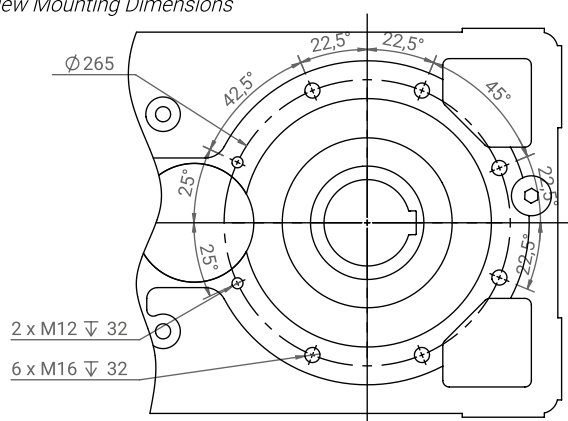
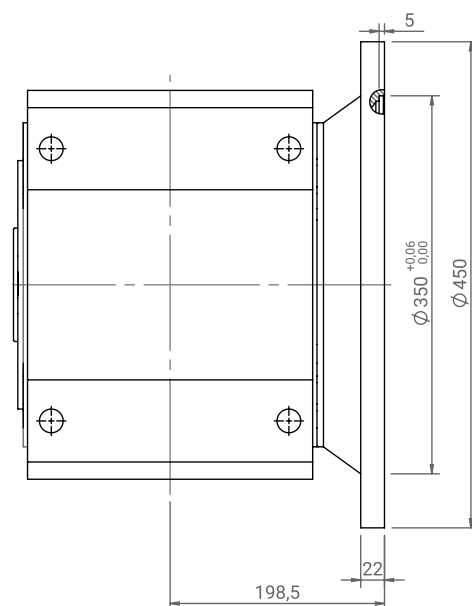
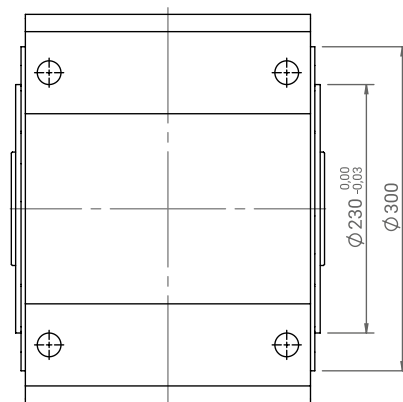
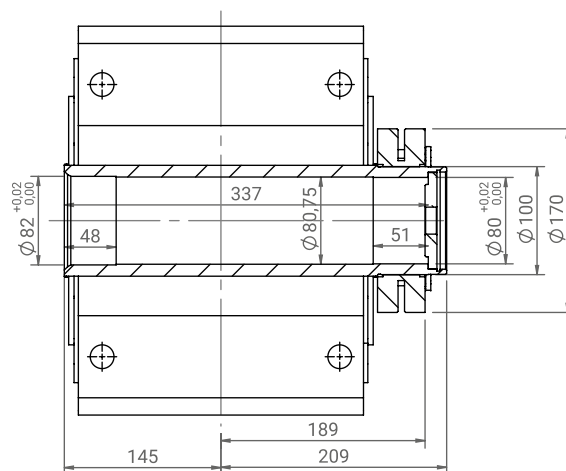
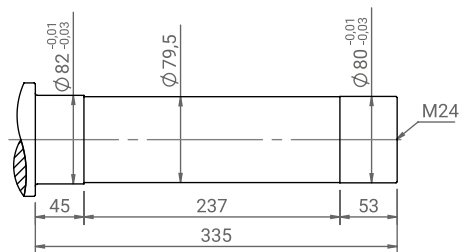
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft





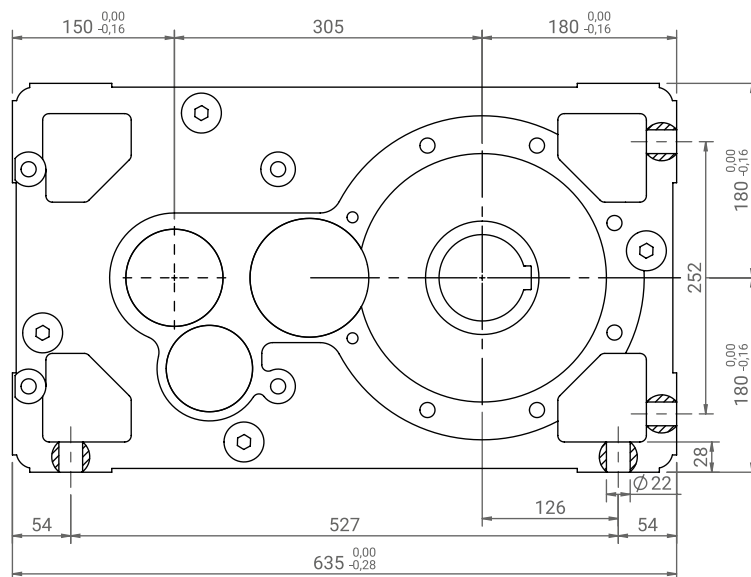
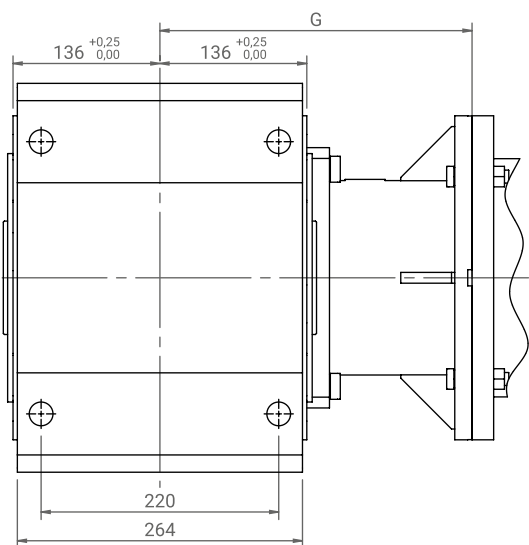


### Dimensioni / Dimension Sheets

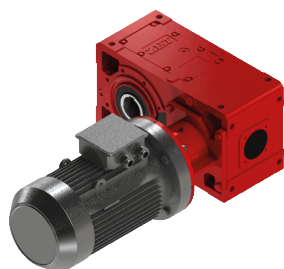


| MHE 3160 Quantità olio |    |    | OIL QUANTITIES (L) |    |    |
|------------------------|----|----|--------------------|----|----|
| M3                     | M4 | M5 | M6                 | M7 | M8 |
| 14                     | 20 | 20 | 22                 | 22 | 21 |

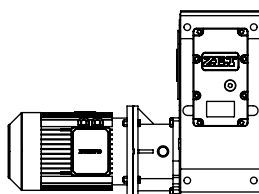
**\*Posizione montaggio mostrate con configurazione HS**  
*\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION*



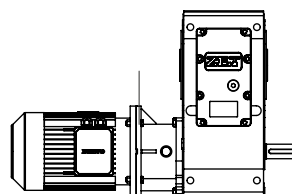
**Conf. albero ingresso**  
Input Shaft Configurations



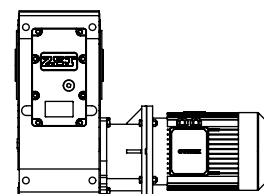
| Rapporto<br>Ratio | G          |        |        |        |        |        |
|-------------------|------------|--------|--------|--------|--------|--------|
|                   | 100/112 B5 | 132 B5 | 160 B5 | 180 B5 | 200 B5 | 225 B5 |
| i>75              | 267        | 289    | 323    | 323    | -      | -      |
| i<75              | -          | 299    | 333    | 333    | 335    | 377    |



(A)



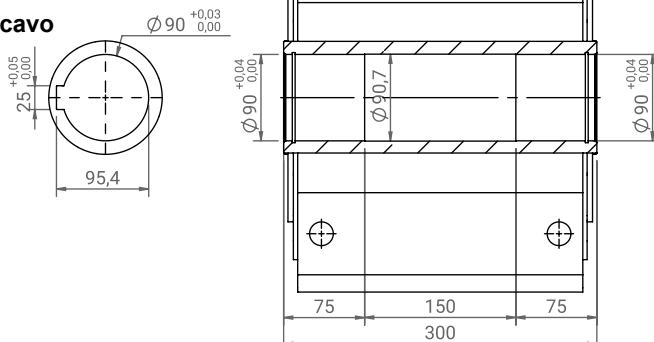
(D)



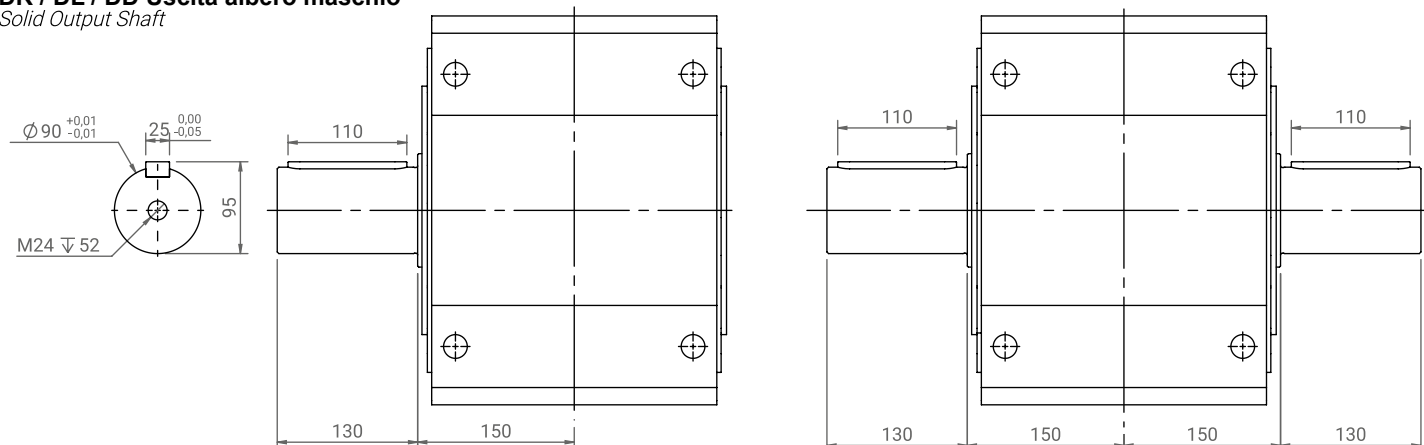
(L)

**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft

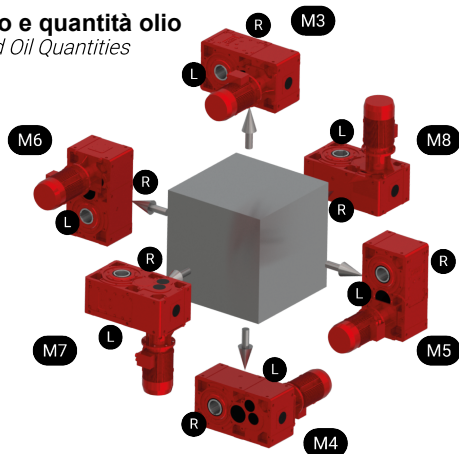
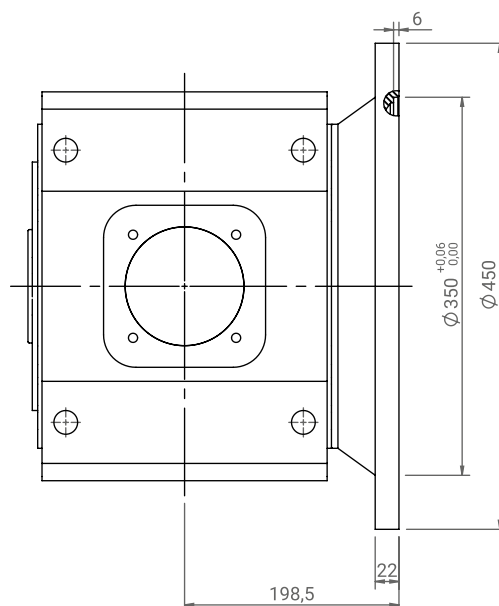
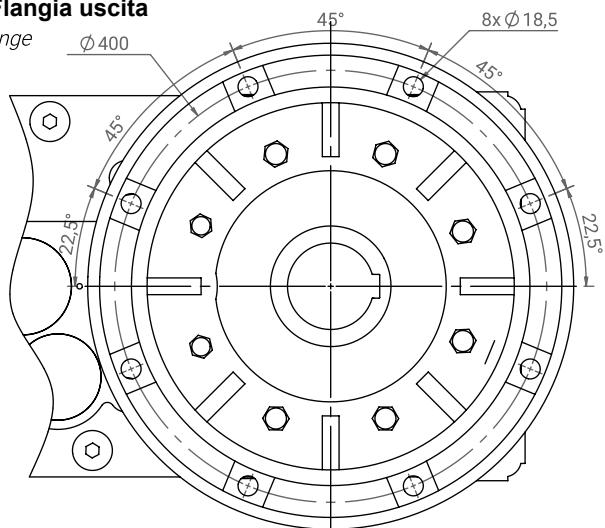
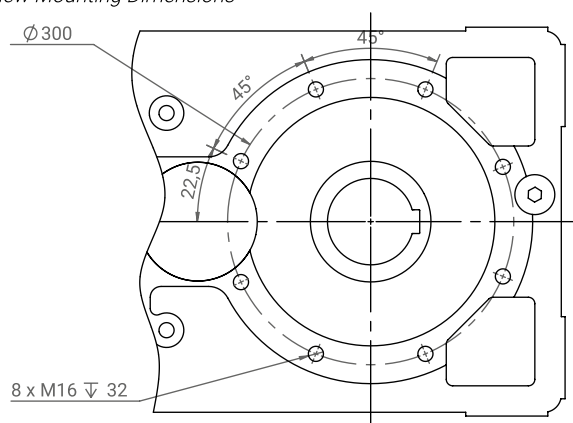
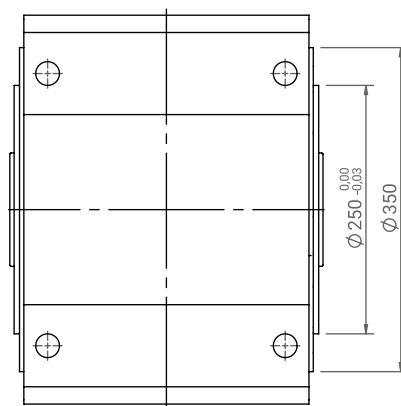
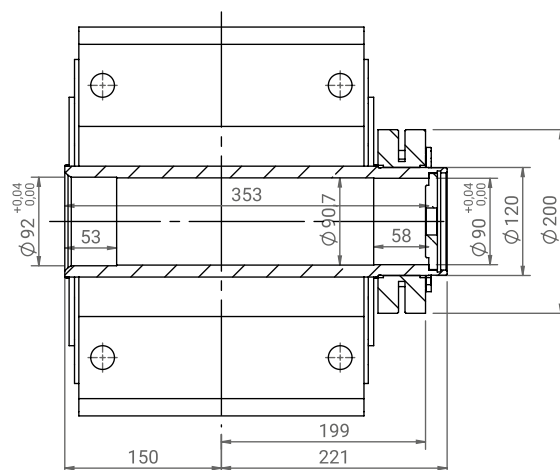
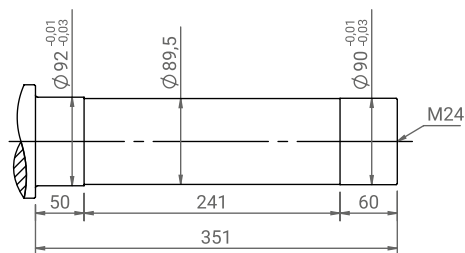


**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft

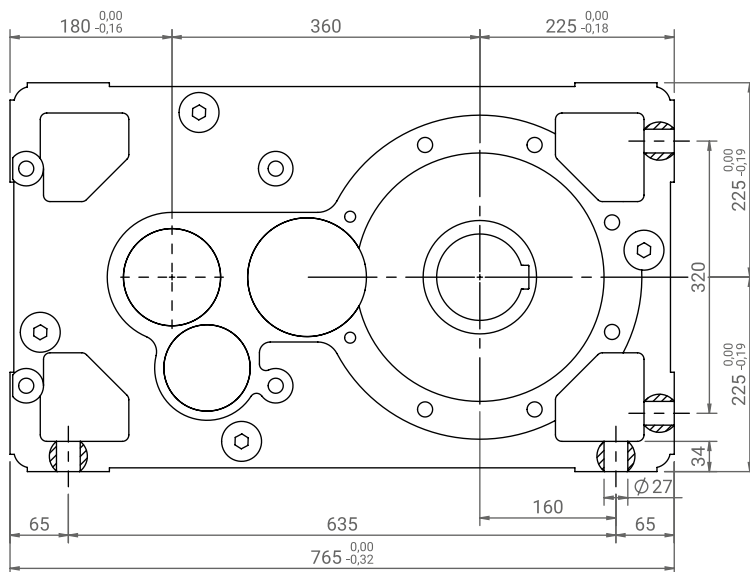
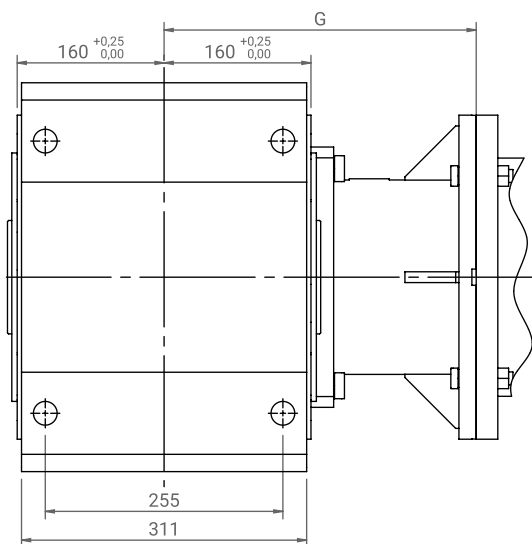




### Dimensioni / Dimension Sheets

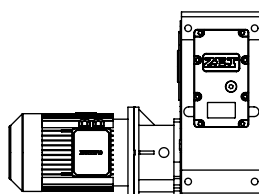
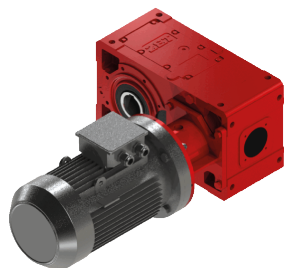


| MHE 3180 Quantità olio OIL QUANTITIES (L) |    |    |    |    |    |
|-------------------------------------------|----|----|----|----|----|
| M3                                        | M4 | M5 | M6 | M7 | M8 |
| 13.9                                      | 20 | 21 | 21 | 21 | 21 |

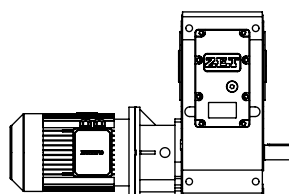


**Conf. albero ingresso**  
Input Shaft Configurations

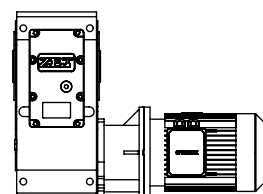
| Rapporto<br>Raito | G      |        |        |        |        |        |        |
|-------------------|--------|--------|--------|--------|--------|--------|--------|
|                   | 132 B5 | 160 B5 | 180 B5 | 200 B5 | 225 B5 | 250 B5 | 280 B5 |
| i>75              | 343    | 377    | 377    | -      | -      | -      | -      |
| i<75              | -      | 407    | 407    | 409    | 441    | 448    | 448    |



A



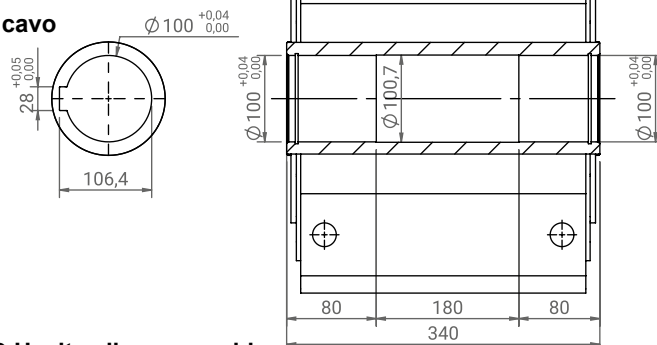
D



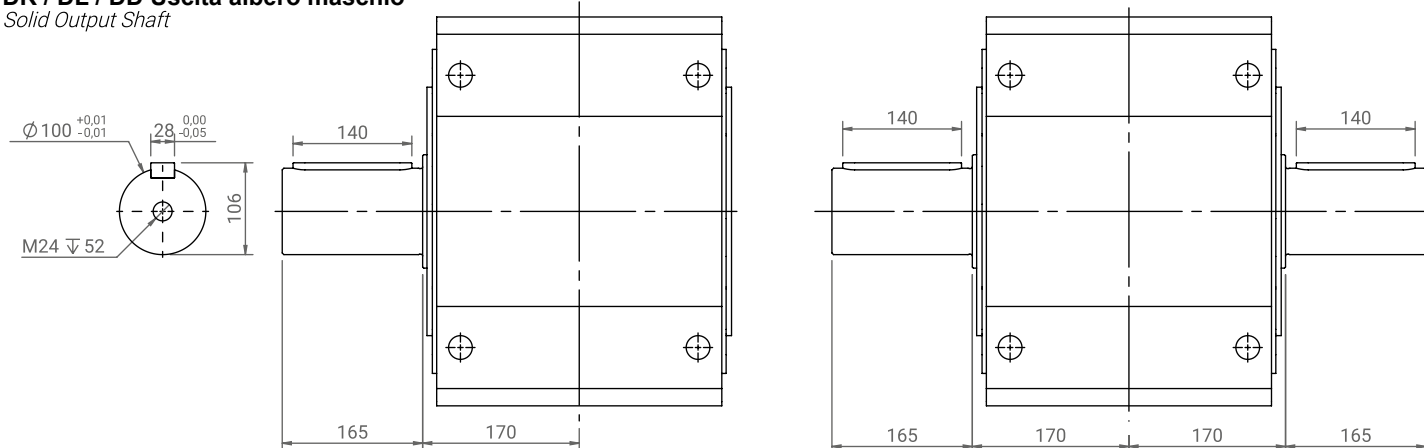
L

**Conf. Albero uscita**  
Output Shaft Configurations

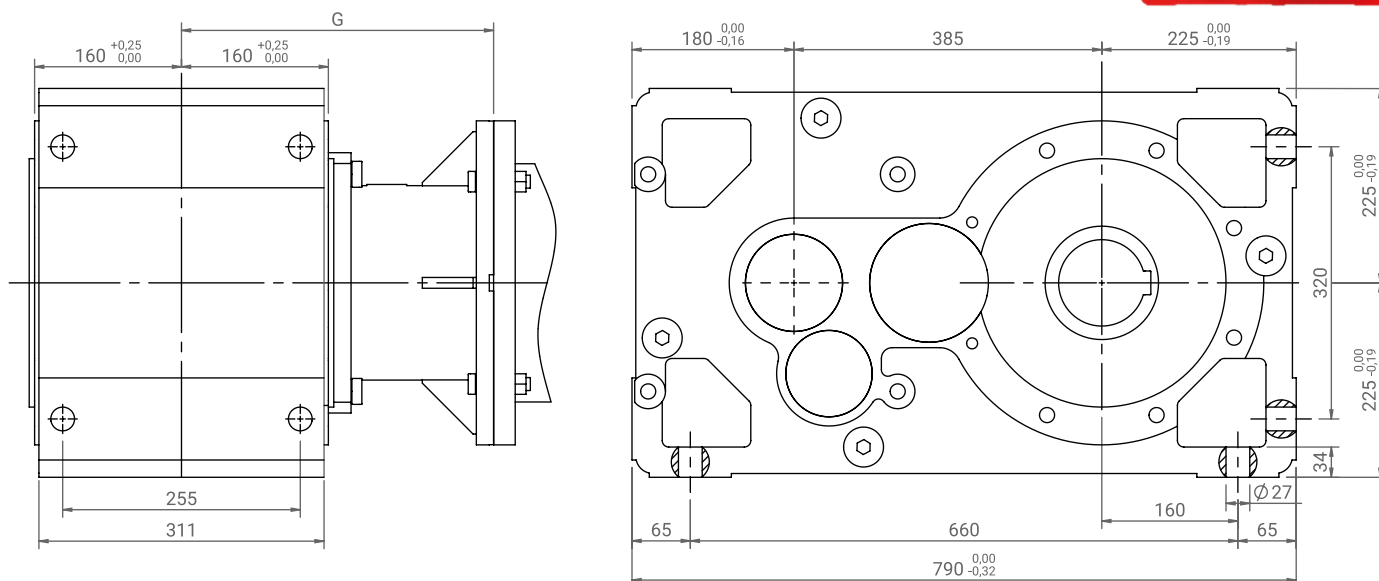
**HS / Albero cavo**  
Hollow Shaft



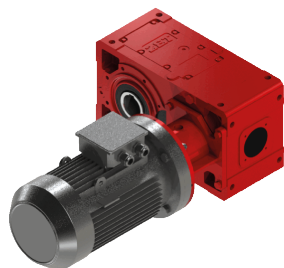
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



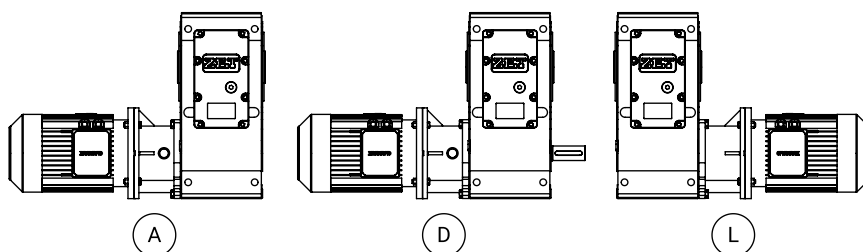




**Conf. albero ingresso**  
Input Shaft Configurations

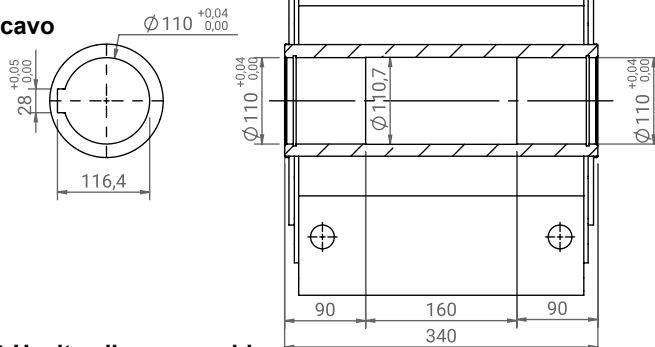


| Rapporto<br>Raito | G      |        |        |        |        |        |        |
|-------------------|--------|--------|--------|--------|--------|--------|--------|
|                   | 132 B5 | 160 B5 | 180 B5 | 200 B5 | 225 B5 | 250 B5 | 280 B5 |
| i>83              | 343    | 377    | 377    | 379    | -      | -      | -      |
| i<83              | -      | 407    | 407    | 409    | 441    | 448    | 448    |

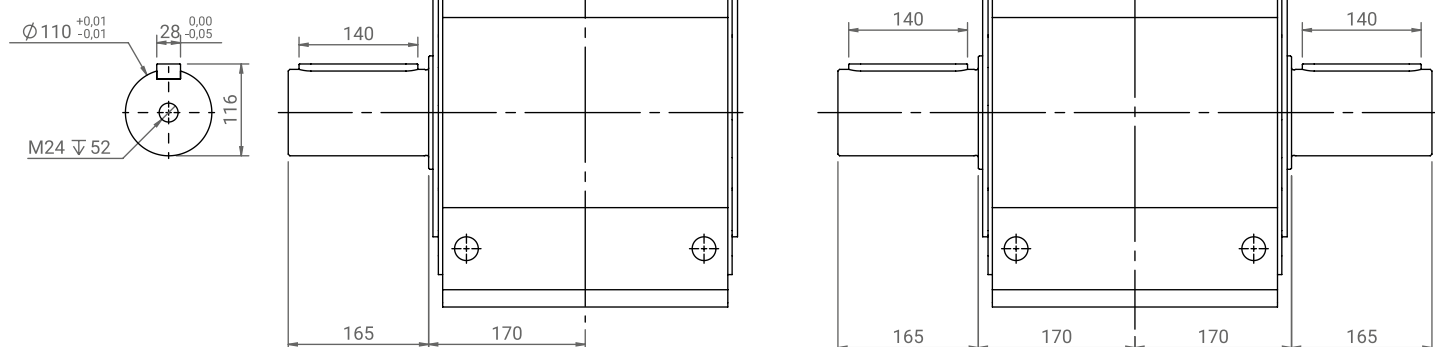


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft

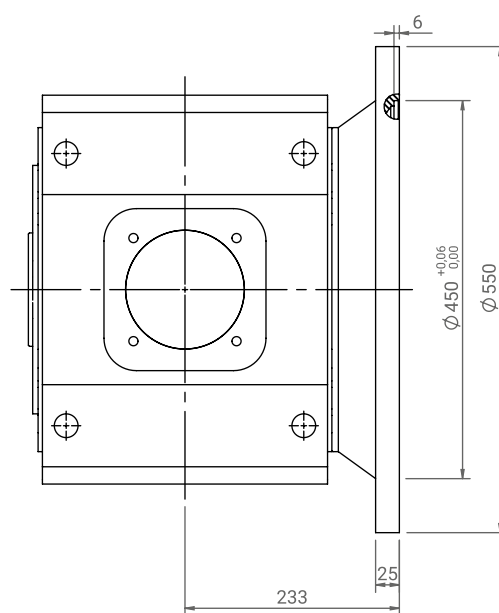
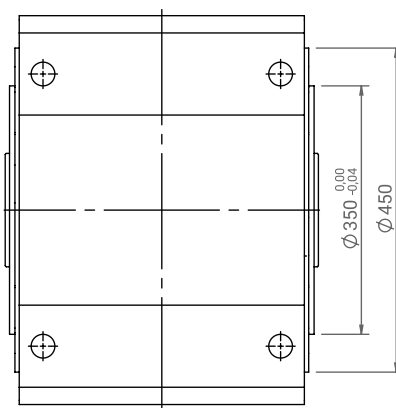
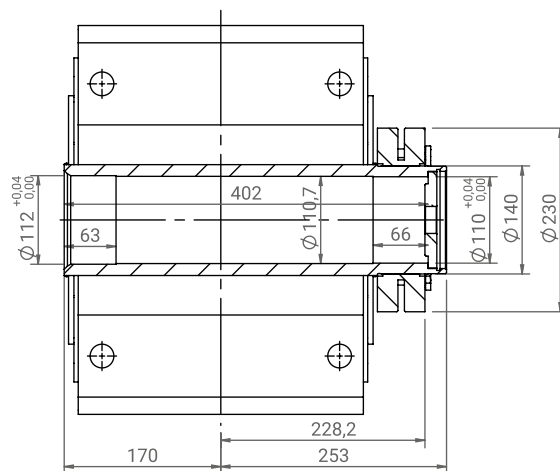
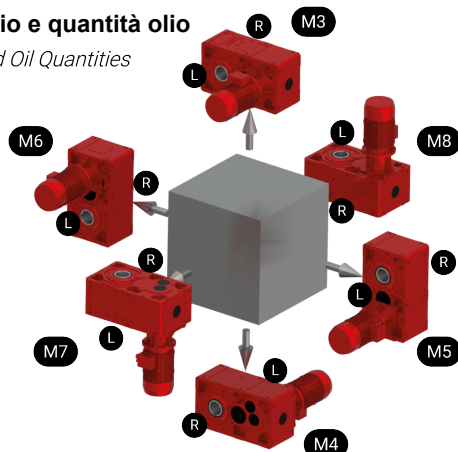
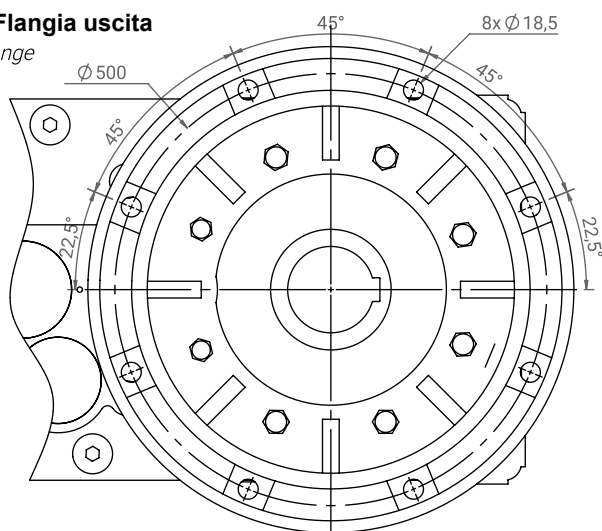
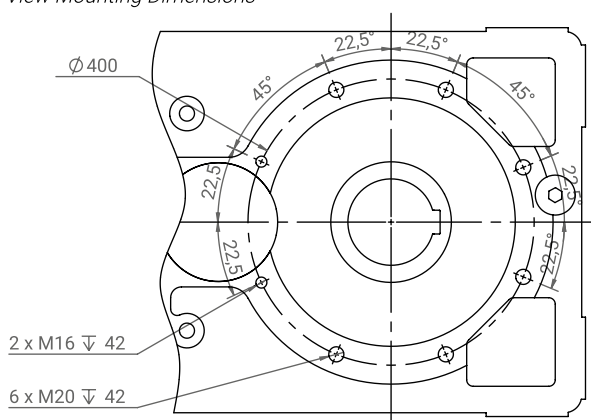
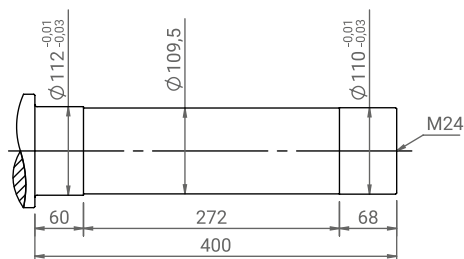


**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



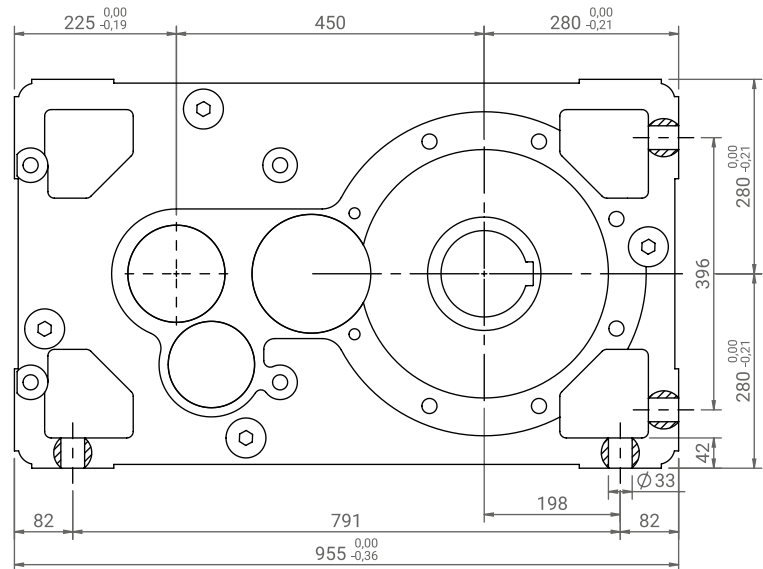
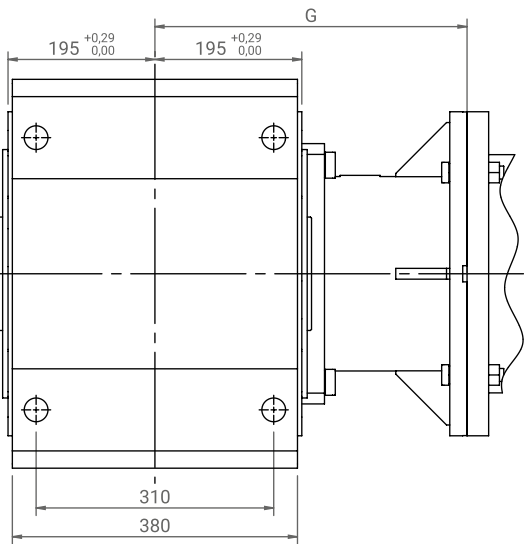


### Dimensioni / Dimension Sheets

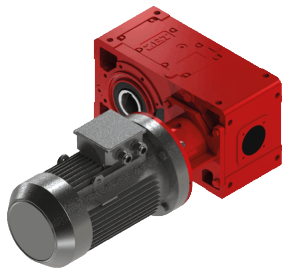


| MHE 3225 Quantità olio |    |    |    |    |    |
|------------------------|----|----|----|----|----|
| OIL QUANTITIES (L)     |    |    |    |    |    |
| M3                     | M4 | M5 | M6 | M7 | M8 |
| 26                     | 38 | 39 | 41 | 42 | 40 |

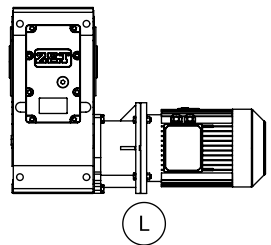
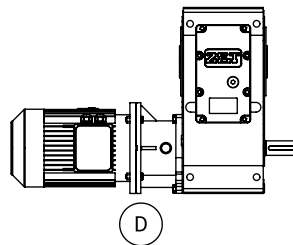
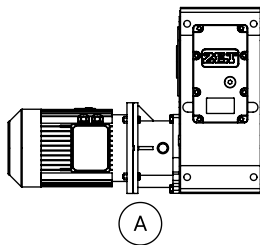




**Conf. albero ingresso**  
Input Shaft Configurations

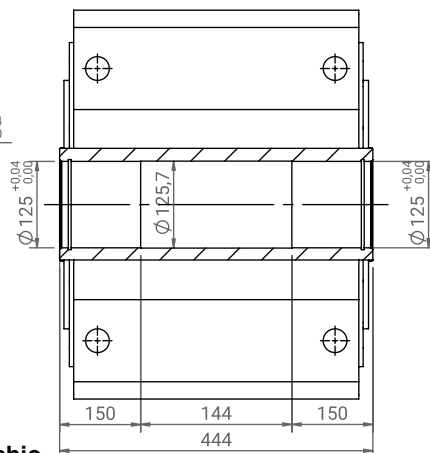
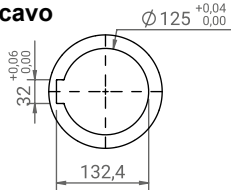


| Rapporto<br>Raito | G      |        |        |        |        |        |
|-------------------|--------|--------|--------|--------|--------|--------|
|                   | 160 B5 | 180 B5 | 200 B5 | 225 B5 | 250 B5 | 280 B5 |
| i>82              | 442    | 442    | 444    | 476    | 483    | -      |
| i<82              | -      | 442    | 444    | 476    | 483    | 483    |

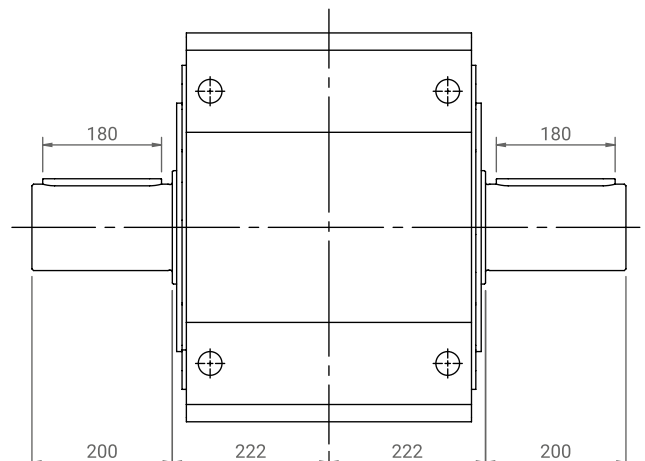
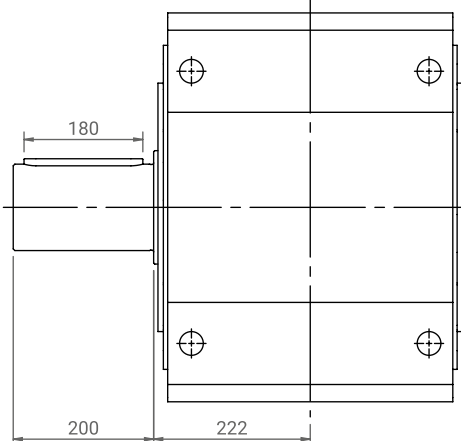
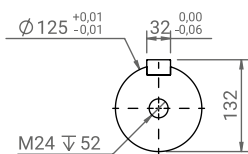


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft







**ZET**  
R e d ü k t ö r

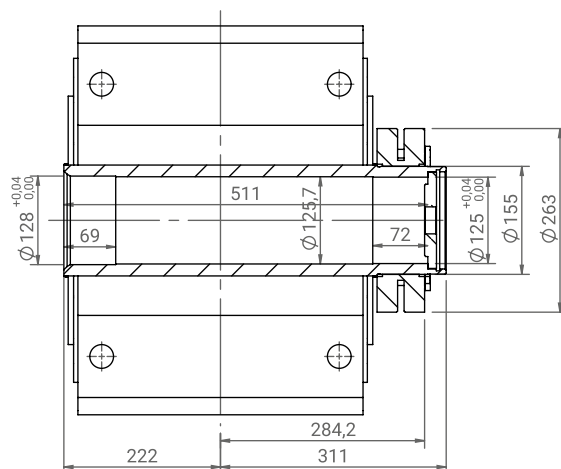
## MHE 3250

Dimensioni / Dimension Sheets

### Conf. Albero uscita

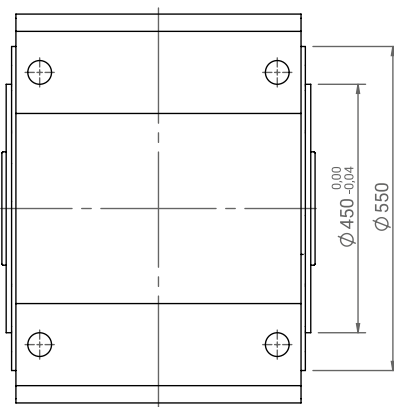
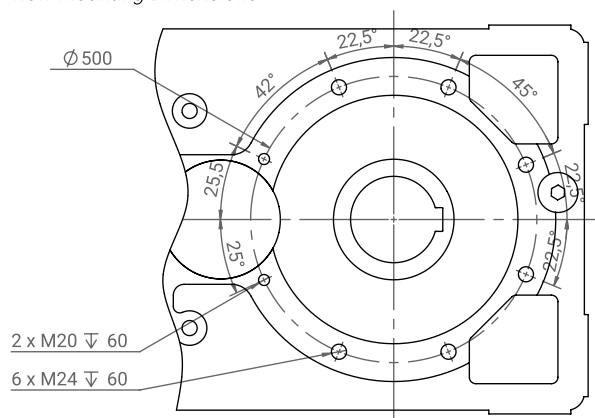
Output Shaft Configurations

SR / SL



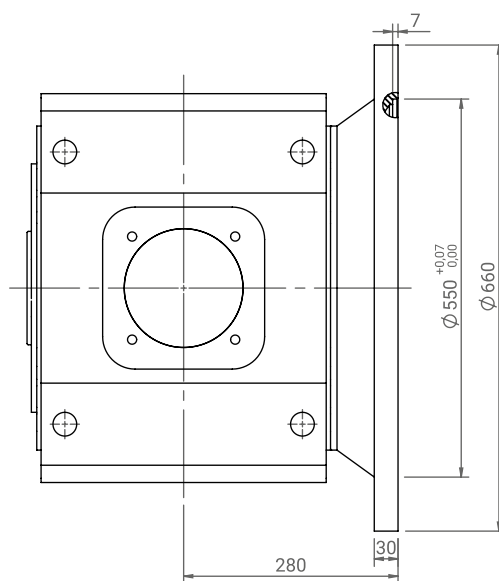
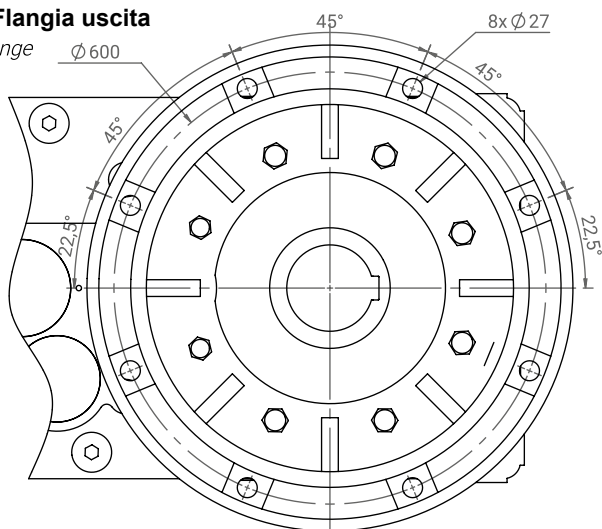
### Dimensioni montaggio laterale

Side View Mounting Dimensions



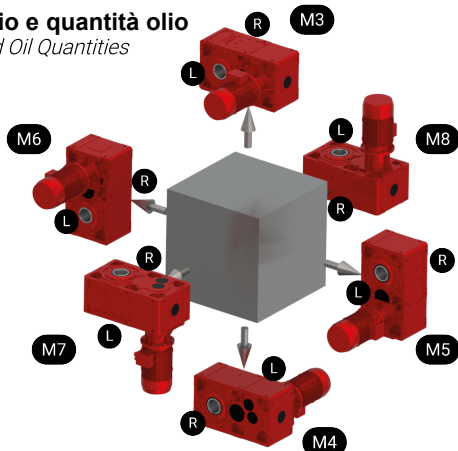
### FR 660 / Flangia uscita

Output Flange



### Posizioni montaggio e quantità olio

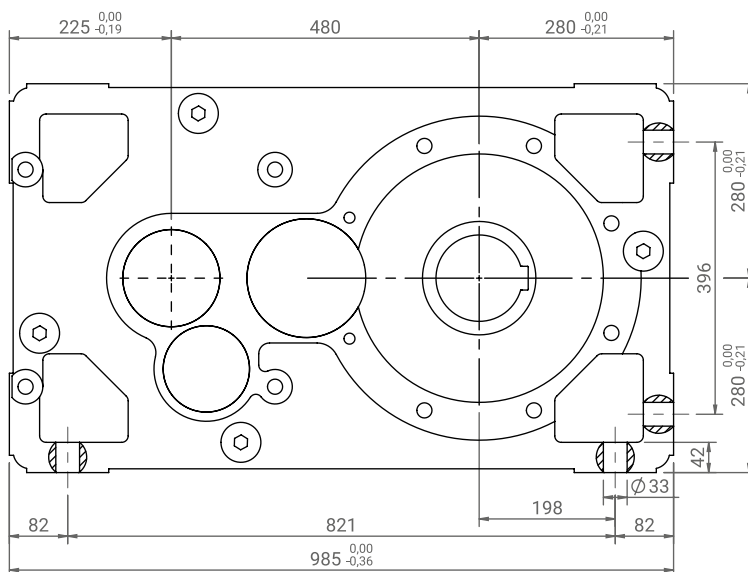
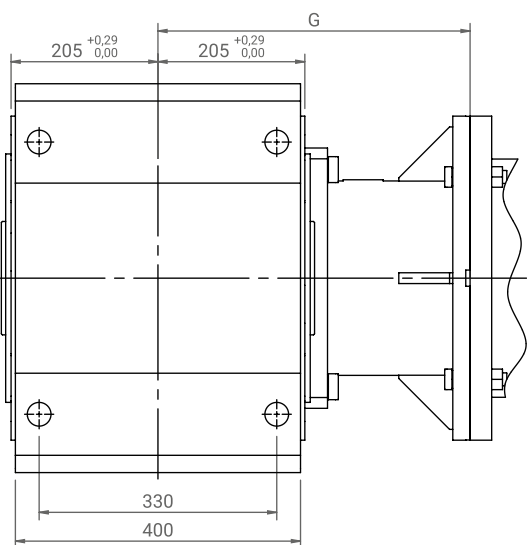
Mounting Positions\* and Oil Quantities



**Peso incluso flangia PAM 200 B5**  
WEIGHT INCLUDING 200 B5 MOTOR FLANGE

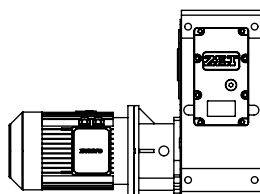
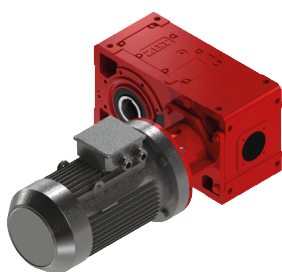
| MHE 3250 Quantità olio |      |      | OIL QUANTITIES (L) |      |      |
|------------------------|------|------|--------------------|------|------|
| M3                     | M4   | M5   | M6                 | M7   | M8   |
| 49,9                   | 73,5 | 76,1 | 80,5               | 79,2 | 80,9 |

\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION

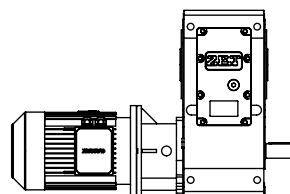


**Conf. albero ingresso**  
Input Shaft Configurations

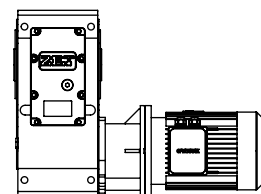
| Rapporto<br>Raito | G      |        |        |        |        |        |
|-------------------|--------|--------|--------|--------|--------|--------|
|                   | 180 B5 | 200 B5 | 225 B5 | 250 B5 | 280 B5 | 315 B5 |
| i>80              | 452    | 454    | 486    | 493    | 493    | -      |
| i<80              | 452    | 454    | 486    | 493    | 493    | 533    |



A



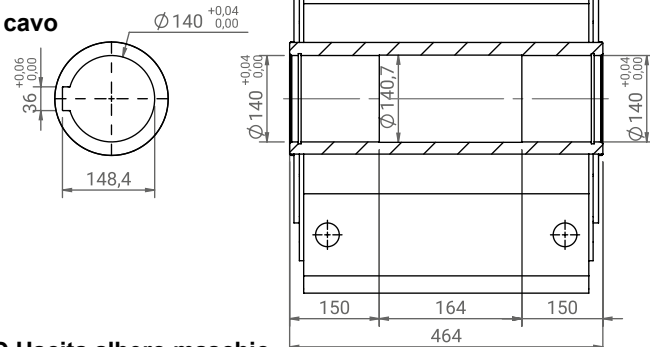
D



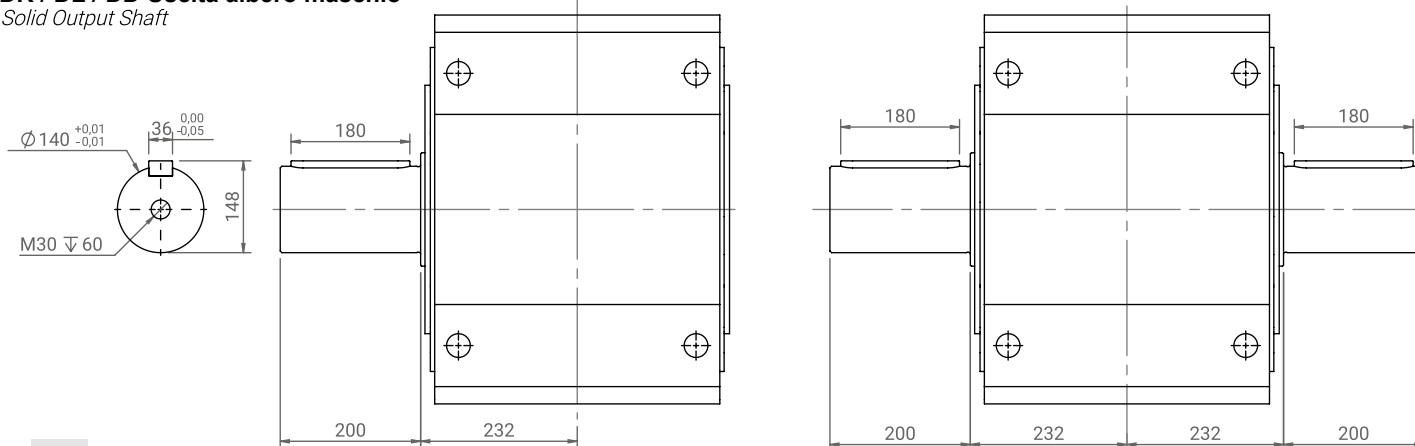
L

**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



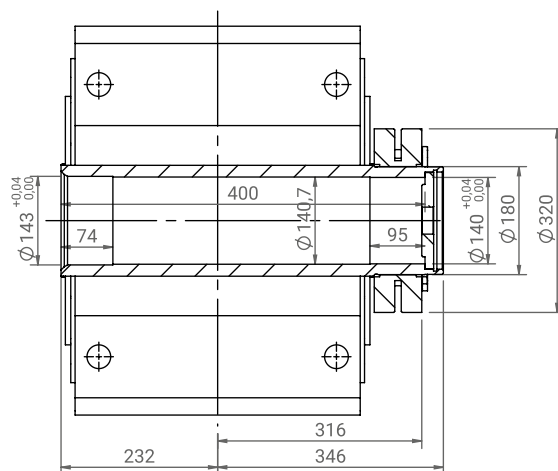
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



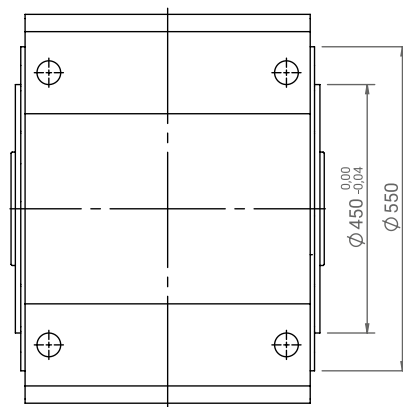
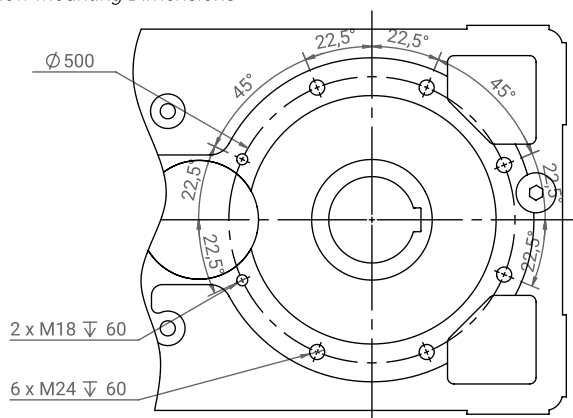


**Conf. Albero uscita**  
Output Shaft Configurations

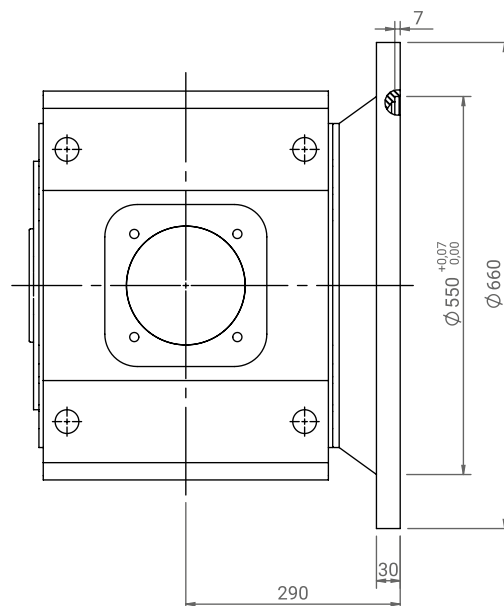
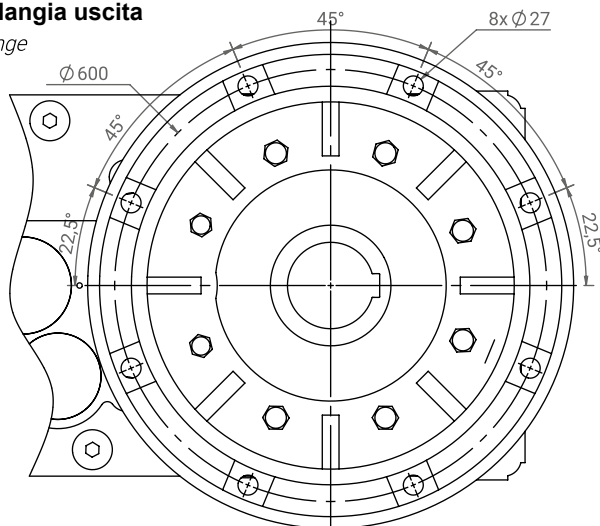
SR / SL



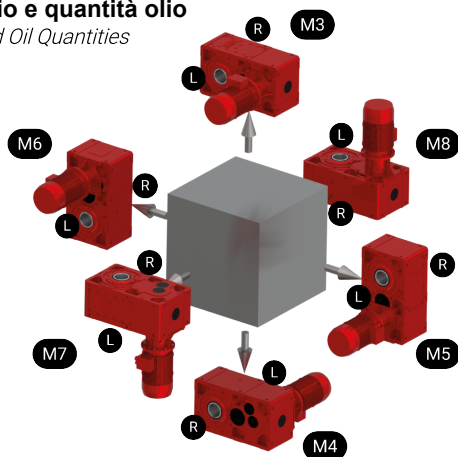
**Dimensioni montaggio laterale**  
Side View Mounting Dimensions



**FR 660 / Flangia uscita**  
Output Flange



**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities

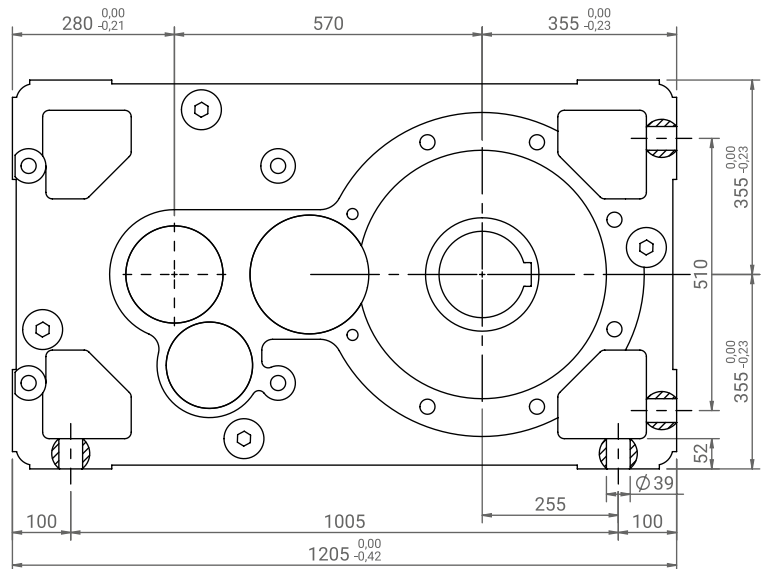
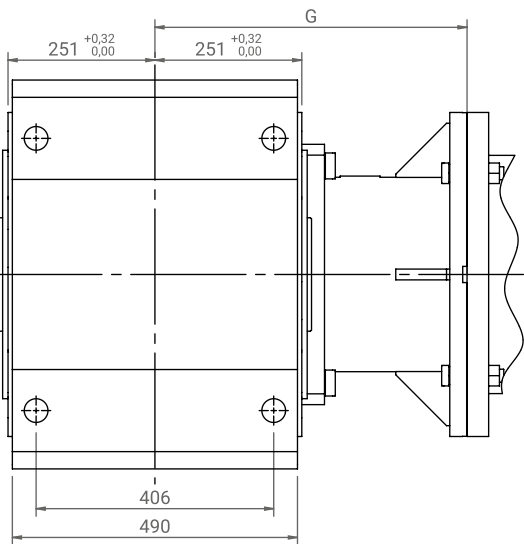


**820 Kg**

**Peso incluso flangia PAM 200 B5**  
WEIGHT INCLUDING 200 B5 MOTOR FLANGE

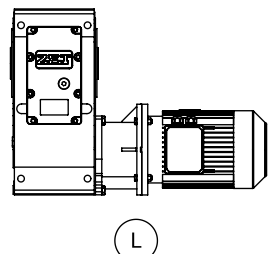
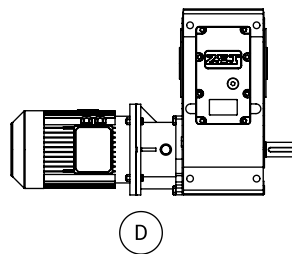
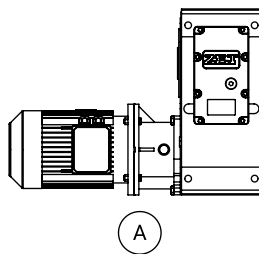
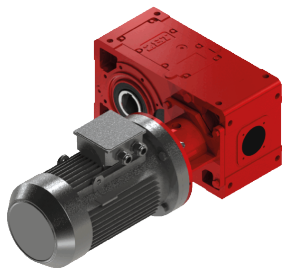
| MHE 3280 Quantità olio |    |    | OIL QUANTITIES (L) |    |    |
|------------------------|----|----|--------------------|----|----|
| M3                     | M4 | M5 | M6                 | M7 | M8 |
| 52                     | 75 | 81 | 82                 | 79 | 82 |

\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



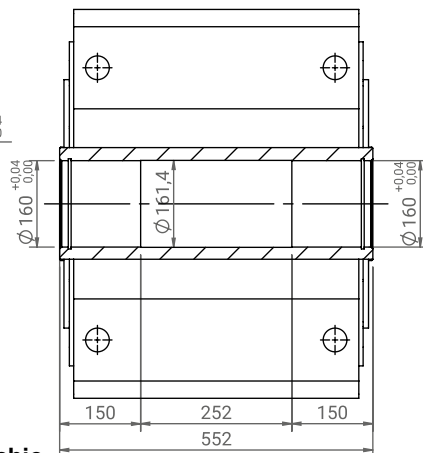
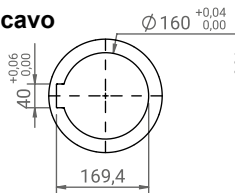
**Conf. albero ingresso**  
Input Shaft Configurations

| Rapporto<br>Raito | G      |        |        |        |        |
|-------------------|--------|--------|--------|--------|--------|
|                   | 200 B5 | 225 B5 | 250 B5 | 280 B5 | 315 B5 |
| i>70              | 500    | 532    | 539    | 539    | -      |
| i<70              | -      | 562    | 569    | 569    | 609    |

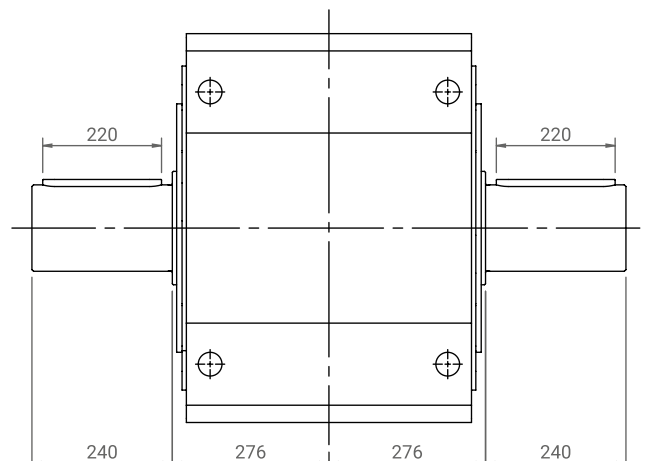
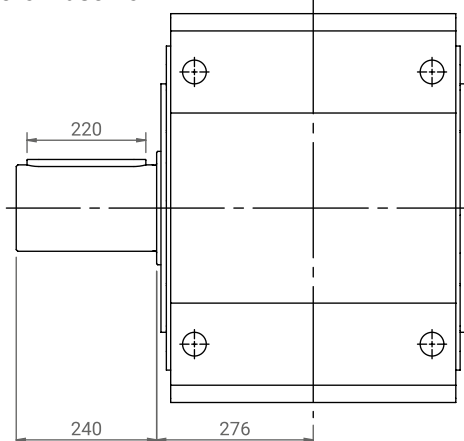
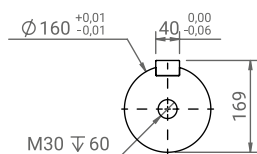


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



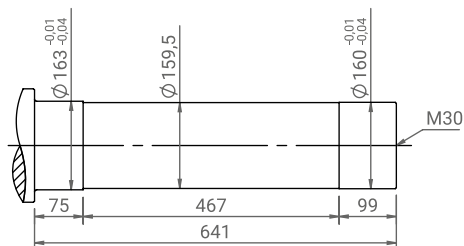
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



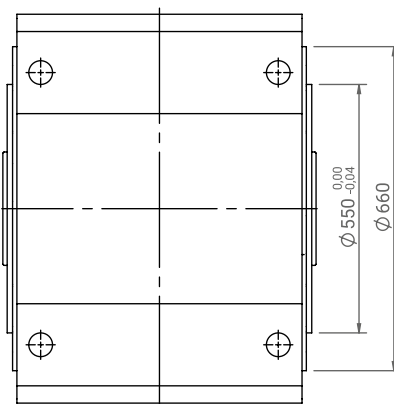
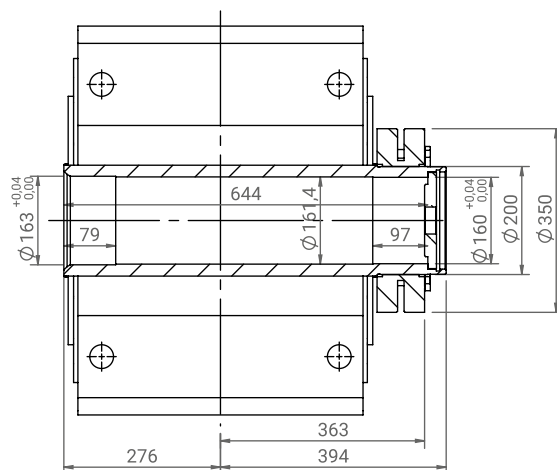


**Conf. Albero uscita**  
Output Shaft Configurations

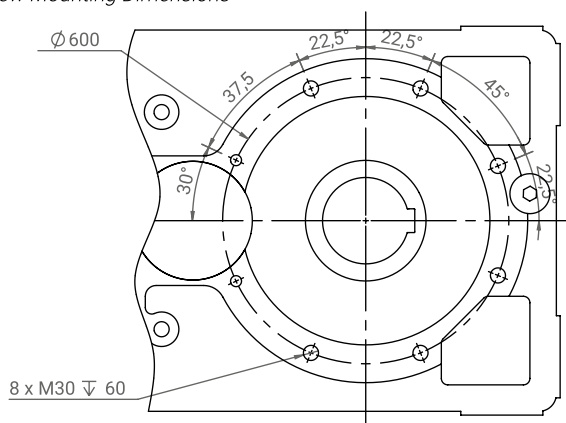
SR / SL



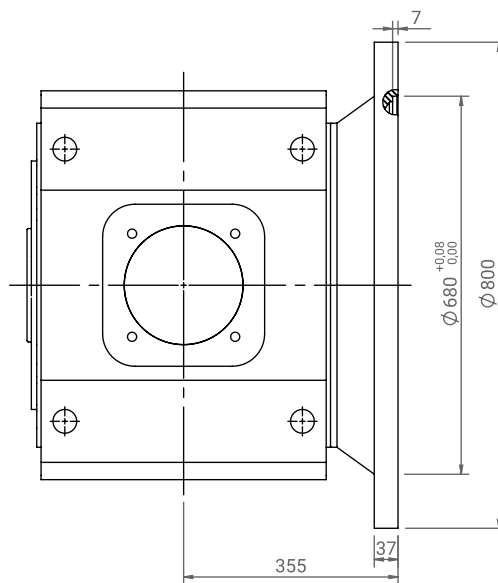
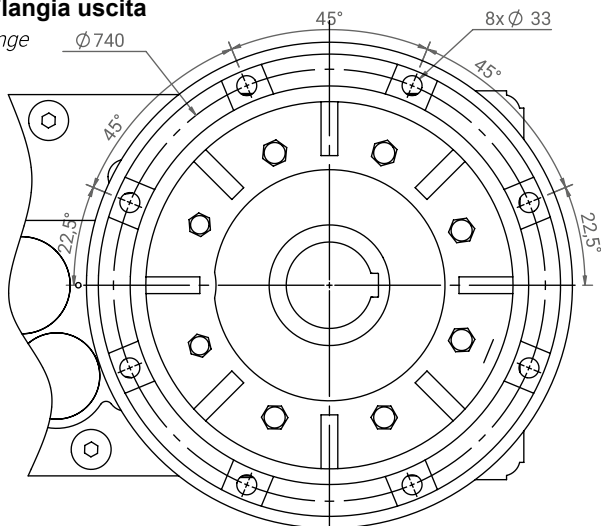
**Albero esterno** Customer Shaft



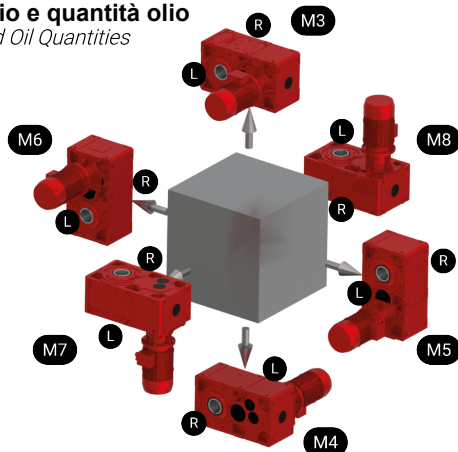
**Dimensioni montaggio laterale**  
Side View Mounting Dimensions



**FR 800 / Flangia uscita**  
Output Flange



**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities

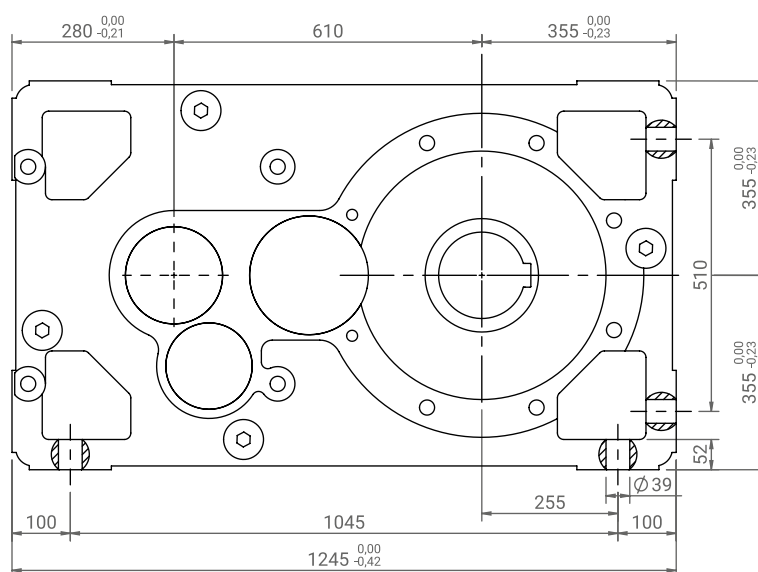
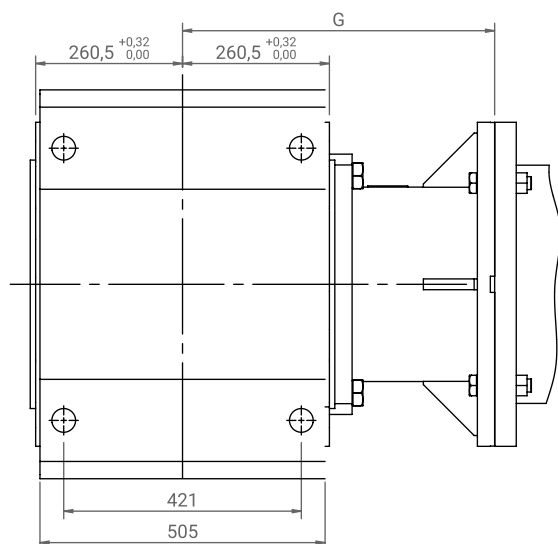


1445 Kg

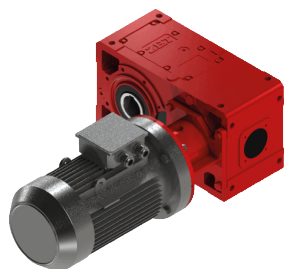
**Peso incluso flangia PAM 250 B5**  
WEIGHT INCLUDING 250 B5 MOTOR FLANGE

| MHE 3320 Quantità olio |     |     | OIL QUANTITIES (L) |     |     |
|------------------------|-----|-----|--------------------|-----|-----|
| M3                     | M4  | M5  | M6                 | M7  | M8  |
| 109                    | 155 | 149 | 174                | 164 | 170 |

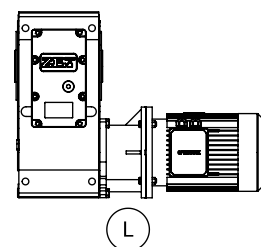
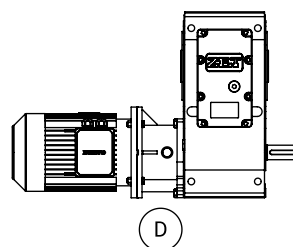
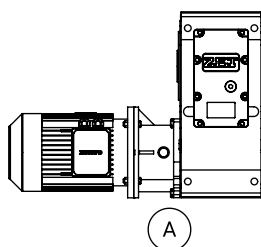
\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



**Conf. albero ingresso**  
Input Shaft Configurations

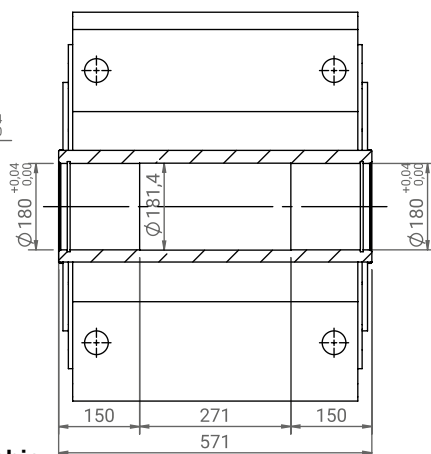
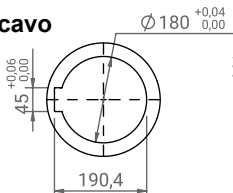


| Rapporto<br>Ratio | G      |        |        |        |
|-------------------|--------|--------|--------|--------|
|                   | 225 B5 | 250 B5 | 280 B5 | 315 B5 |
| i>70              | 541,5  | 548,5  | 548,5  | 603,5  |
| 70>i>38           | -      | 578,5  | 578,5  | 618,5  |
| i<38              | -      | -      | -      | 618,5  |

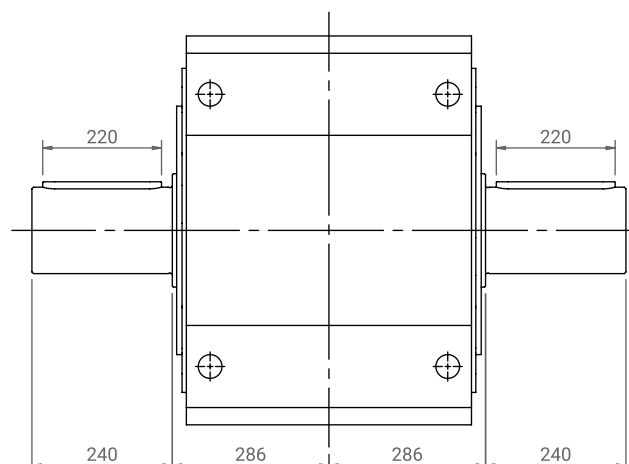
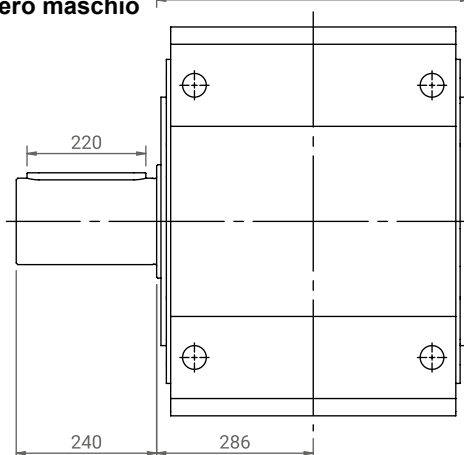
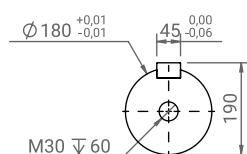


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



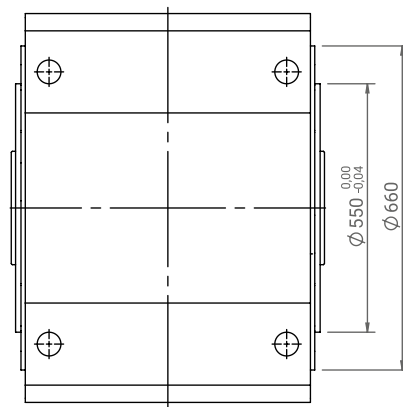
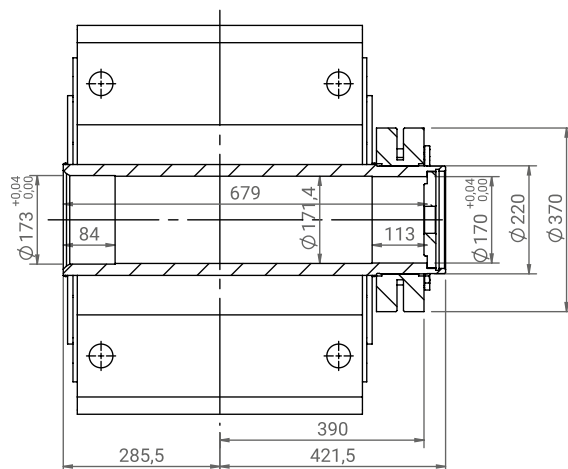
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



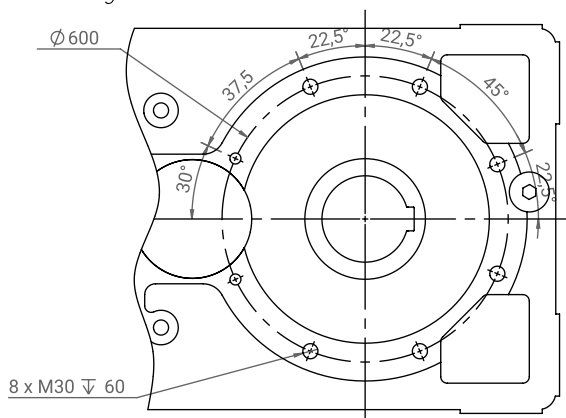


**Conf. Albero uscita**  
Output Shaft Configurations

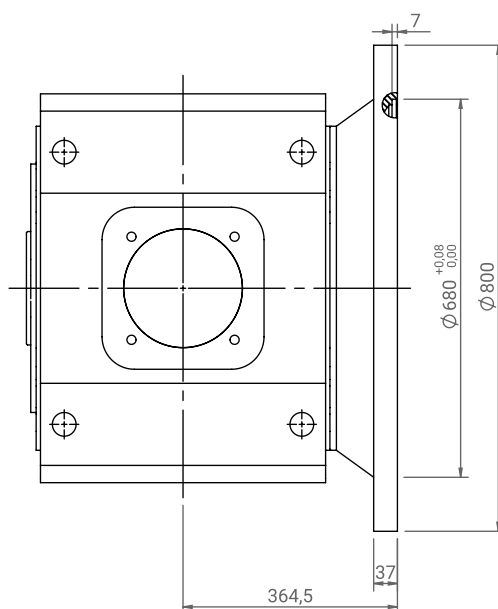
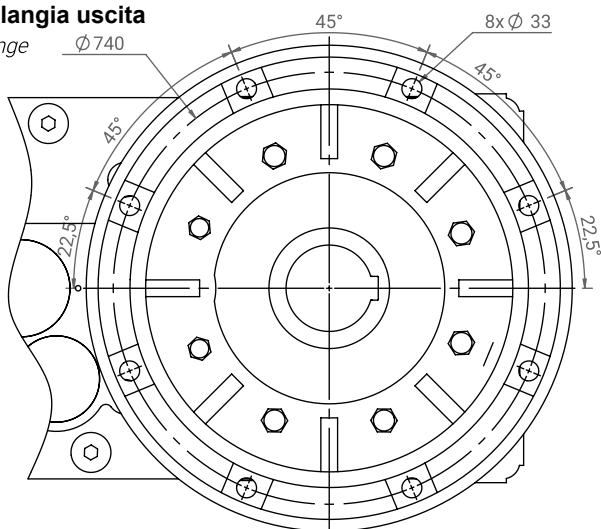
SR / SL



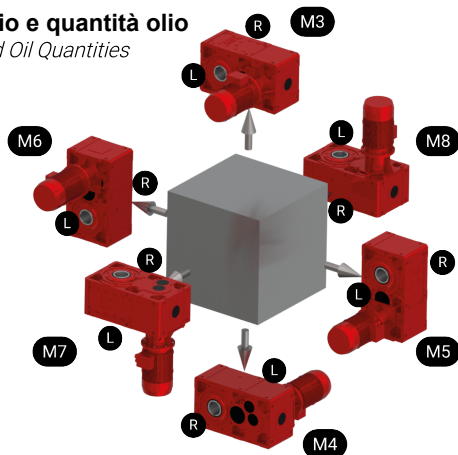
**Dimensioni montaggio laterale**  
Side View Mounting Dimensions



**FR 800 / Flangia uscita**  
Output Flange



**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



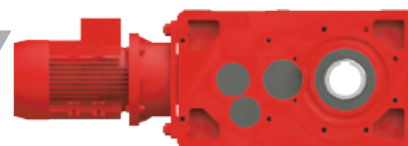
1670 Kg

**Peso incluso flangia PAM 315 B5**  
WEIGHT INCLUDING 315 B5 MOTOR FLANGE

| MHE 3360 Quantità olio |     |     | OIL QUANTITIES (L) |     |     |
|------------------------|-----|-----|--------------------|-----|-----|
| M3                     | M4  | M5  | M6                 | M7  | M8  |
| 103                    | 147 | 163 | 164                | 151 | 162 |

\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION

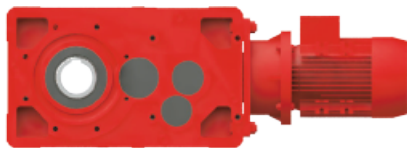




| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 2,2                                           | 8,33                                          | 2373                                    | 1,61                                     | MKH 3140 | 120           | 112 M6  | 260-261              |
|                                               | 10,2                                          | 1935                                    | 2,31                                     |          | 97,9          | 112 M6  |                      |
|                                               | 10,5                                          | 1884                                    | 1,96                                     |          | 95,3          | 112 M6  |                      |
|                                               | 12,5                                          | 1582                                    | 2,33                                     |          | 120           | 100 LA4 |                      |
|                                               | 12,8                                          | 1549                                    | 2,35                                     |          | 78,3          | 112 M6  |                      |
|                                               | 15,3                                          | 1290                                    | 3,33                                     |          | 97,9          | 100 LA4 |                      |
|                                               | 15,7                                          | 1256                                    | 2,83                                     |          | 95,3          | 100 LA4 |                      |
|                                               | 19,2                                          | 1032                                    | 3,39                                     |          | 78,3          | 100 LA4 |                      |
| 3                                             | 8,42                                          | 3202                                    | 1,98                                     | MKH 3160 | 119           | 132 S6  | 262-263              |
|                                               | 9,63                                          | 2800                                    | 2,22                                     |          | 104           | 132 S6  |                      |
|                                               | 12,6                                          | 2135                                    | 2,86                                     |          | 119           | 100 LB4 |                      |
|                                               | 8,33                                          | 3236                                    | 1,18                                     | MKH 3140 | 120           | 132 S6  | 260-261              |
|                                               | 10,2                                          | 2639                                    | 1,69                                     |          | 97,9          | 132 S6  |                      |
|                                               | 10,5                                          | 2569                                    | 1,44                                     |          | 95,3          | 132 S6  |                      |
|                                               | 12,5                                          | 2157                                    | 1,71                                     |          | 120           | 100 LB4 |                      |
|                                               | 12,8                                          | 2112                                    | 1,72                                     |          | 78,3          | 132 S6  |                      |
|                                               | 15,3                                          | 1759                                    | 2,44                                     |          | 97,9          | 100 LB4 |                      |
|                                               | 15,7                                          | 1722                                    | 2,48                                     |          | 63,9          | 132 S6  |                      |
|                                               | 15,7                                          | 1713                                    | 2,08                                     |          | 95,3          | 100 LB4 |                      |
|                                               | 19,2                                          | 1408                                    | 2,49                                     |          | 78,3          | 100 LB4 |                      |
| 4                                             | 8,55                                          | 4204                                    | 2,26                                     | MKH 3180 | 117           | 132 MA6 | 264-265              |
|                                               | 9,78                                          | 3676                                    | 2,55                                     |          | 102           | 132 MA6 |                      |
|                                               | 10,3                                          | 3493                                    | 2,40                                     |          | 97,1          | 132 MA6 |                      |
|                                               | 12,8                                          | 2802                                    | 3,26                                     |          | 117           | 112 M4  |                      |
|                                               | 14,7                                          | 2451                                    | 3,67                                     |          | 102           | 112 M4  |                      |
|                                               | 15,4                                          | 2328                                    | 3,46                                     |          | 97,1          | 112 M4  |                      |
|                                               | 8,42                                          | 4269                                    | 1,49                                     | MKH 3160 | 119           | 132 MA6 | 262-263              |
|                                               | 9,63                                          | 3734                                    | 1,66                                     |          | 104           | 132 MA6 |                      |
|                                               | 10,3                                          | 3487                                    | 2,00                                     |          | 97,0          | 132 MA6 |                      |
|                                               | 11,8                                          | 3049                                    | 2,22                                     |          | 84,8          | 132 MA6 |                      |
|                                               | 12,6                                          | 2846                                    | 2,14                                     |          | 119           | 112 M4  |                      |
|                                               | 13,2                                          | 2717                                    | 2,22                                     |          | 75,6          | 132 MA6 |                      |
|                                               | 14,4                                          | 2489                                    | 2,40                                     |          | 104           | 112 M4  |                      |
|                                               | 15,1                                          | 2376                                    | 2,55                                     |          | 66,1          | 132 MA6 |                      |
|                                               | 15,5                                          | 2325                                    | 2,88                                     |          | 97,0          | 112 M4  |                      |
|                                               | 17,7                                          | 2033                                    | 3,20                                     |          | 84,8          | 112 M4  |                      |
|                                               | 10,2                                          | 3518                                    | 1,27                                     | MKH 3140 | 97,9          | 132 MA6 | 260-261              |
|                                               | 10,5                                          | 3426                                    | 1,08                                     |          | 95,3          | 132 MA6 |                      |
|                                               | 12,5                                          | 2876                                    | 1,28                                     |          | 120           | 112 M4  |                      |
|                                               | 12,8                                          | 2816                                    | 1,29                                     |          | 78,3          | 132 MA6 |                      |
|                                               | 15,3                                          | 2345                                    | 1,83                                     |          | 97,9          | 112 M4  |                      |
|                                               | 15,7                                          | 2296                                    | 1,86                                     |          | 63,9          | 132 MA6 |                      |
|                                               | 15,7                                          | 2284                                    | 1,56                                     |          | 95,3          | 112 M4  |                      |
|                                               | 19,2                                          | 1877                                    | 1,86                                     |          | 78,3          | 112 M4  |                      |
|                                               | 19,7                                          | 1823                                    | 2,31                                     |          | 50,7          | 132 MA6 |                      |
|                                               | 23,5                                          | 1531                                    | 2,68                                     |          | 63,9          | 112 M4  |                      |
|                                               | 24,4                                          | 1471                                    | 2,38                                     |          | 40,9          | 132 MA6 |                      |
|                                               | 29,6                                          | 1215                                    | 3,33                                     |          | 50,7          | 112 M4  |                      |
|                                               | 36,7                                          | 981                                     | 3,44                                     |          | 40,9          | 112 M4  |                      |
| 5,5                                           | 8,55                                          | 5780                                    | 2,07                                     | MKH 3200 | 117           | 132 MB6 | 266-267              |

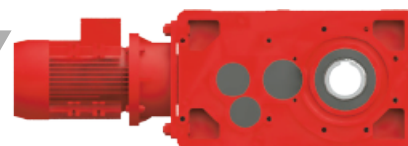
| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 2,2                                           | 12,8                                          | 3853                                    | 2,98                                     | MKH 3200 | 117           | 132 S4  | MKH 3200             |
|                                               | 8,55                                          | 5780                                    | 1,65                                     | MKH 3180 | 117           | 132 MB6 | 264-265              |
|                                               | 9,78                                          | 5055                                    | 1,85                                     |          | 102           | 132 MB6 |                      |
|                                               | 10,3                                          | 4802                                    | 1,74                                     |          | 97,1          | 132 MB6 |                      |
|                                               | 11,8                                          | 4201                                    | 1,98                                     |          | 85,0          | 132 MB6 |                      |
|                                               | 12,6                                          | 3911                                    | 2,22                                     |          | 79,1          | 132 MB6 |                      |
|                                               | 12,8                                          | 3853                                    | 2,37                                     |          | 117           | 132 S4  |                      |
|                                               | 13,4                                          | 3679                                    | 2,47                                     |          | 74,4          | 132 MB6 |                      |
|                                               | 14,7                                          | 3370                                    | 2,67                                     |          | 102           | 132 S4  |                      |
|                                               | 15,4                                          | 3201                                    | 2,51                                     | MKH 3160 | 97,1          | 132 S4  | 262-263              |
|                                               | 17,7                                          | 2800                                    | 2,86                                     |          | 85,0          | 132 S4  |                      |
|                                               | 19,0                                          | 2608                                    | 3,20                                     |          | 79,1          | 132 S4  |                      |
|                                               | 8,42                                          | 5871                                    | 1,08                                     |          | 119           | 132 MB6 |                      |
|                                               | 9,63                                          | 5134                                    | 1,21                                     |          | 104           | 132 MB6 |                      |
|                                               | 10,3                                          | 4794                                    | 1,45                                     |          | 97,0          | 132 MB6 |                      |
|                                               | 11,8                                          | 4278                                    | 1,58                                     |          | 84,8          | 132 MB6 |                      |
|                                               | 12,6                                          | 3914                                    | 1,56                                     |          | 119           | 132 S4  |                      |
| 5,5                                           | 13,2                                          | 3736                                    | 1,61                                     | MKH 3160 | 75,6          | 132 MB6 | 262-263              |
|                                               | 14,4                                          | 3423                                    | 1,74                                     |          | 104           | 132 S4  |                      |
|                                               | 15,1                                          | 3267                                    | 1,85                                     |          | 66,1          | 132 MB6 |                      |
|                                               | 15,5                                          | 3196                                    | 2,10                                     |          | 97,0          | 132 S4  |                      |
|                                               | 16,2                                          | 3051                                    | 2,16                                     |          | 61,7          | 132 MB6 |                      |
|                                               | 17,7                                          | 2795                                    | 2,33                                     |          | 84,8          | 132 S4  |                      |
|                                               | 18,6                                          | 2662                                    | 2,48                                     |          | 53,8          | 132 MB6 |                      |
|                                               | 19,6                                          | 2528                                    | 2,40                                     |          | 51,1          | 132 MB6 |                      |
|                                               | 19,8                                          | 2491                                    | 2,33                                     |          | 75,6          | 132 S4  |                      |
|                                               | 22,7                                          | 2178                                    | 2,67                                     |          | 66,1          | 132 S4  |                      |
|                                               | 24,3                                          | 2034                                    | 3,12                                     |          | 61,7          | 132 S4  |                      |
|                                               | 15,3                                          | 3225                                    | 1,33                                     | MKH 3140 | 97,9          | 132 S4  | 260-261              |
|                                               | 15,7                                          | 3157                                    | 1,35                                     |          | 63,9          | 132 MB6 |                      |
|                                               | 15,7                                          | 3140                                    | 1,13                                     |          | 95,3          | 132 S4  |                      |
|                                               | 19,2                                          | 2581                                    | 1,36                                     |          | 78,3          | 132 S4  |                      |
|                                               | 19,7                                          | 2507                                    | 1,68                                     |          | 50,7          | 132 MB6 |                      |
|                                               | 23,5                                          | 2105                                    | 1,95                                     |          | 63,9          | 132 S4  |                      |
|                                               | 24,4                                          | 2022                                    | 1,73                                     |          | 40,9          | 132 MB6 |                      |
|                                               | 25,8                                          | 1913                                    | 2,22                                     |          | 38,7          | 132 MB6 |                      |
|                                               | 26,1                                          | 1893                                    | 1,94                                     |          | 38,3          | 132 MB6 |                      |
|                                               | 29,6                                          | 1671                                    | 2,42                                     |          | 50,7          | 132 S4  |                      |
|                                               | 36,7                                          | 1348                                    | 2,50                                     | MKH 2140 | 40,9          | 132 S4  | 242-243              |
|                                               | 38,8                                          | 1275                                    | 3,20                                     |          | 38,7          | 132 S4  |                      |
|                                               | 39,2                                          | 1262                                    | 2,80                                     |          | 38,3          | 132 S4  |                      |
|                                               | 40,0                                          | 1261                                    | 2,23                                     |          | 25,0          | 132 MB6 |                      |
|                                               | 49,0                                          | 1029                                    | 2,22                                     |          | 20,4          | 132 MB6 |                      |
|                                               | 60,0                                          | 841                                     | 3,21                                     |          | 25,0          | 132 S4  |                      |
| 7,5                                           | 73,5                                          | 686                                     | 3,21                                     | MKH 2125 | 20,4          | 132 S4  | 240-241              |
|                                               | 42,1                                          | 1198                                    | 2,21                                     |          | 23,8          | 132 MB6 |                      |
|                                               | 48,1                                          | 1048                                    | 2,21                                     |          | 20,8          | 132 MB6 |                      |
|                                               | 63,2                                          | 799                                     | 3,19                                     |          | 23,8          | 132 S4  |                      |
|                                               | 72,2                                          | 698                                     | 3,19                                     |          | 20,8          | 132 S4  |                      |
|                                               | 8,42                                          | 8005                                    | 2,07                                     | MKH 3225 | 119           | 160 M6  | 268-269              |





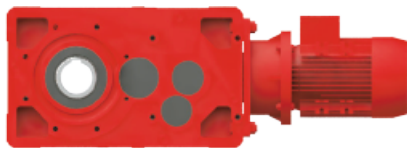
| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 7,5                                           | 9,73                                          | 6930                                    | 2,34                                     | MKH 3225 | 103           | 160 M6  | 268-269              |
|                                               | 12,6                                          | 5337                                    | 2,98                                     |          | 119           | 132 MA4 |                      |
|                                               | 14,6                                          | 4620                                    | 3,37                                     |          | 103           | 132 MA4 |                      |
|                                               | 8,55                                          | 7882                                    | 1,52                                     | MKH 3200 | 117           | 160 M6  | 266-267              |
|                                               | 10,2                                          | 6618                                    | 2,08                                     |          | 98,2          | 160 M6  |                      |
|                                               | 11,8                                          | 5689                                    | 2,38                                     |          | 84,4          | 160 M6  |                      |
|                                               | 12,8                                          | 5255                                    | 2,18                                     |          | 78,0          | 160 M6  |                      |
|                                               | 12,8                                          | 5255                                    | 2,19                                     |          | 117           | 132 MA4 |                      |
|                                               | 13,6                                          | 4972                                    | 2,30                                     |          | 73,8          | 160 M6  |                      |
|                                               | 15,3                                          | 4412                                    | 3,00                                     |          | 98,2          | 132 MA4 |                      |
|                                               | 17,8                                          | 3793                                    | 3,43                                     |          | 84,4          | 132 MA4 |                      |
|                                               | 8,55                                          | 7882                                    | 1,21                                     | MKH 3180 | 117           | 160 M6  | 264-265              |
|                                               | 9,78                                          | 6893                                    | 1,36                                     |          | 102           | 160 M6  |                      |
|                                               | 10,3                                          | 6548                                    | 1,28                                     |          | 97,1          | 160 M6  |                      |
|                                               | 11,8                                          | 5728                                    | 1,45                                     |          | 85,0          | 160 M6  |                      |
|                                               | 12,6                                          | 5334                                    | 1,63                                     |          | 79,1          | 160 M6  |                      |
|                                               | 12,8                                          | 5255                                    | 1,74                                     |          | 117           | 132 MA4 |                      |
|                                               | 13,4                                          | 5016                                    | 1,81                                     |          | 74,4          | 160 M6  |                      |
|                                               | 14,7                                          | 4595                                    | 1,96                                     |          | 102           | 132 MA4 |                      |
|                                               | 15,4                                          | 4387                                    | 2,07                                     |          | 65,1          | 160 M6  |                      |
|                                               | 15,4                                          | 4366                                    | 1,84                                     |          | 97,1          | 132 MA4 |                      |
|                                               | 16,2                                          | 4168                                    | 2,05                                     |          | 61,8          | 160 M6  |                      |
|                                               | 17,7                                          | 3819                                    | 2,09                                     |          | 85,0          | 132 MA4 |                      |
|                                               | 18,5                                          | 3645                                    | 2,34                                     |          | 54,1          | 160 M6  |                      |
|                                               | 19,0                                          | 3556                                    | 2,35                                     |          | 79,1          | 132 MA4 |                      |
|                                               | 19,9                                          | 3394                                    | 2,69                                     |          | 50,4          | 160 M6  |                      |
|                                               | 20,2                                          | 3344                                    | 2,61                                     |          | 74,4          | 132 MA4 |                      |
|                                               | 23,1                                          | 2924                                    | 2,99                                     |          | 65,1          | 132 MA4 |                      |
|                                               | 24,3                                          | 2779                                    | 2,95                                     |          | 61,8          | 132 MA4 |                      |
|                                               | 10,3                                          | 6538                                    | 1,07                                     | MKH 3160 | 97,0          | 160 M6  | 262-263              |
|                                               | 11,8                                          | 5834                                    | 1,16                                     |          | 84,8          | 160 M6  |                      |
|                                               | 12,6                                          | 5337                                    | 1,14                                     |          | 119           | 132 MA4 |                      |
|                                               | 13,2                                          | 5094                                    | 1,18                                     |          | 75,6          | 160 M6  |                      |
|                                               | 14,4                                          | 4667                                    | 1,28                                     |          | 104           | 132 MA4 |                      |
|                                               | 15,1                                          | 4455                                    | 1,36                                     |          | 66,1          | 160 M6  |                      |
|                                               | 15,5                                          | 4358                                    | 1,54                                     |          | 97,0          | 132 MA4 |                      |
|                                               | 16,2                                          | 4160                                    | 1,59                                     |          | 61,7          | 160 M6  |                      |
|                                               | 17,7                                          | 3812                                    | 1,71                                     |          | 84,8          | 132 MA4 |                      |
|                                               | 18,6                                          | 3630                                    | 1,82                                     |          | 53,8          | 160 M6  |                      |
|                                               | 19,6                                          | 3447                                    | 1,76                                     |          | 51,1          | 160 M6  |                      |
|                                               | 19,8                                          | 3396                                    | 1,71                                     |          | 75,6          | 132 MA4 |                      |
|                                               | 22,7                                          | 2970                                    | 1,96                                     |          | 66,1          | 132 MA4 |                      |
|                                               | 24,0                                          | 2808                                    | 2,36                                     |          | 41,7          | 160 M6  |                      |
|                                               | 24,3                                          | 2773                                    | 2,29                                     |          | 61,7          | 132 MA4 |                      |
|                                               | 24,4                                          | 2763                                    | 2,40                                     |          | 41,0          | 160 M6  |                      |
|                                               | 25,7                                          | 2618                                    | 2,32                                     |          | 38,8          | 160 M6  |                      |
|                                               | 27,9                                          | 2420                                    | 2,62                                     |          | 53,8          | 132 MA4 |                      |
|                                               | 29,3                                          | 2298                                    | 2,53                                     |          | 51,1          | 132 MA4 |                      |
|                                               | 36,0                                          | 1872                                    | 3,40                                     |          | 41,7          | 132 MA4 |                      |
|                                               | 15,7                                          | 4305                                    | 0,99                                     | MKH 3140 | 63,9          | 160 M6  | 260-261              |

| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 7,5                                           | 19,2                                          | 3520                                    | 0,99                                     | MKH 3140 | 78,3          | 132 MA4 | 260-261              |
|                                               | 19,7                                          | 3419                                    | 1,23                                     |          | 50,7          | 160 M6  |                      |
|                                               | 23,5                                          | 2870                                    | 1,43                                     |          | 63,9          | 132 MA4 |                      |
|                                               | 24,4                                          | 2758                                    | 1,27                                     |          | 40,9          | 160 M6  |                      |
|                                               | 25,8                                          | 2609                                    | 1,63                                     |          | 38,7          | 160 M6  |                      |
|                                               | 26,1                                          | 2582                                    | 1,42                                     |          | 38,3          | 160 M6  |                      |
|                                               | 29,6                                          | 2279                                    | 1,78                                     |          | 50,7          | 132 MA4 |                      |
|                                               | 32,0                                          | 2105                                    | 1,98                                     |          | 31,2          | 160 M6  |                      |
|                                               | 36,7                                          | 1839                                    | 1,83                                     |          | 40,9          | 132 MA4 |                      |
|                                               | 38,8                                          | 1739                                    | 2,35                                     |          | 38,7          | 132 MA4 |                      |
|                                               | 38,9                                          | 1735                                    | 2,13                                     | MKH 2140 | 25,7          | 160 M6  | 242-243              |
|                                               | 39,2                                          | 1721                                    | 2,05                                     |          | 38,3          | 132 MA4 |                      |
|                                               | 48,0                                          | 1404                                    | 2,85                                     |          | 31,2          | 132 MA4 |                      |
|                                               | 58,3                                          | 1157                                    | 3,07                                     |          | 25,7          | 132 MA4 |                      |
|                                               | 40,0                                          | 1720                                    | 1,63                                     |          | 25,0          | 160 M6  |                      |
|                                               | 49,0                                          | 1403                                    | 1,63                                     |          | 20,4          | 160 M6  |                      |
|                                               | 60,0                                          | 1146                                    | 2,36                                     |          | 25,0          | 132 MA4 |                      |
|                                               | 73,5                                          | 936                                     | 2,35                                     |          | 20,4          | 132 MA4 |                      |
|                                               | 42,1                                          | 1634                                    | 1,62                                     | MKH 2125 | 23,8          | 160 M6  | 240-241              |
|                                               | 48,1                                          | 1429                                    | 1,62                                     |          | 20,8          | 160 M6  |                      |
|                                               | 63,2                                          | 1089                                    | 2,34                                     |          | 23,8          | 132 MA4 |                      |
|                                               | 66,2                                          | 1039                                    | 2,30                                     |          | 15,1          | 160 M6  |                      |
|                                               | 72,2                                          | 952                                     | 2,34                                     |          | 20,8          | 132 MA4 |                      |
|                                               | 75,6                                          | 909                                     | 2,57                                     |          | 13,2          | 160 M6  |                      |
|                                               | 8,00                                          | 12356                                   | 2,11                                     | MKH 3250 | 125           | 160 L6  | 270-271              |
|                                               | 9,53                                          | 10374                                   | 2,47                                     |          | 105           | 160 L6  |                      |
|                                               | 12,0                                          | 8237                                    | 3,05                                     |          | 125           | 160 M4  |                      |
|                                               | 8,42                                          | 11741                                   | 1,41                                     | MKH 3225 | 119           | 160 L6  | 268-269              |
| 11                                            | 9,73                                          | 10164                                   | 1,59                                     |          | 103           | 160 L6  |                      |
|                                               | 10,2                                          | 9728                                    | 1,90                                     |          | 98,4          | 160 L6  |                      |
|                                               | 11,8                                          | 8363                                    | 2,18                                     |          | 84,6          | 160 L6  |                      |
|                                               | 12,6                                          | 7828                                    | 2,01                                     |          | 79,2          | 160 L6  |                      |
|                                               | 12,6                                          | 7827                                    | 2,03                                     |          | 119           | 160 M4  |                      |
|                                               | 13,4                                          | 7406                                    | 2,12                                     |          | 74,9          | 160 L6  |                      |
|                                               | 14,6                                          | 6776                                    | 2,30                                     |          | 103           | 160 M4  |                      |
|                                               | 15,2                                          | 6485                                    | 2,74                                     |          | 98,4          | 160 M4  |                      |
|                                               | 15,5                                          | 6366                                    | 2,47                                     |          | 64,4          | 160 L6  |                      |
|                                               | 17,7                                          | 5575                                    | 3,14                                     |          | 84,6          | 160 M4  |                      |
|                                               | 18,9                                          | 5218                                    | 2,90                                     |          | 79,2          | 160 M4  |                      |
|                                               | 20,0                                          | 4937                                    | 3,06                                     |          | 74,9          | 160 M4  |                      |
|                                               | 8,55                                          | 11560                                   | 1,03                                     | MKH 3200 | 117           | 160 L6  | 266-267              |
|                                               | 10,2                                          | 9706                                    | 1,42                                     |          | 98,2          | 160 L6  |                      |
|                                               | 11,8                                          | 8344                                    | 1,62                                     |          | 84,4          | 160 L6  |                      |
|                                               | 12,8                                          | 7707                                    | 1,48                                     |          | 78,0          | 160 L6  |                      |
|                                               | 12,8                                          | 7707                                    | 1,49                                     |          | 117           | 160 M4  |                      |
|                                               | 13,6                                          | 7292                                    | 1,57                                     |          | 73,8          | 160 L6  |                      |
|                                               | 15,3                                          | 6471                                    | 2,05                                     |          | 98,2          | 160 M4  |                      |
|                                               | 15,8                                          | 6268                                    | 1,82                                     |          | 63,4          | 160 L6  |                      |
|                                               | 16,1                                          | 6122                                    | 2,15                                     |          | 61,9          | 160 L6  |                      |
|                                               | 17,8                                          | 5563                                    | 2,34                                     |          | 84,4          | 160 M4  |                      |



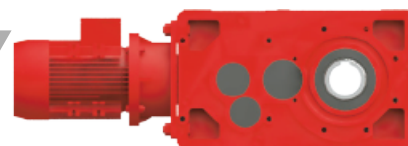
| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|--------|----------------------|
| 11                                            | 18,8                                          | 5263                                    | 2,51                                     | MKH 3200 | 53,2          | 160 L6 | 266-267              |
|                                               | 19,2                                          | 5138                                    | 2,14                                     |          | 78,0          | 160 M4 |                      |
|                                               | 20,3                                          | 4862                                    | 2,36                                     |          | 49,2          | 160 L6 |                      |
|                                               | 20,3                                          | 4861                                    | 2,26                                     |          | 73,8          | 160 M4 |                      |
|                                               | 23,7                                          | 4179                                    | 2,63                                     |          | 63,4          | 160 M4 |                      |
|                                               | 24,2                                          | 4081                                    | 3,10                                     |          | 61,9          | 160 M4 |                      |
|                                               | 11,8                                          | 8401                                    | 0,99                                     | MKH 3180 | 85,0          | 160 L6 | 264-265              |
|                                               | 12,6                                          | 7823                                    | 1,11                                     |          | 79,1          | 160 L6 |                      |
|                                               | 12,8                                          | 7707                                    | 1,19                                     |          | 117           | 160 M4 |                      |
|                                               | 13,4                                          | 7357                                    | 1,23                                     |          | 74,4          | 160 L6 |                      |
|                                               | 14,7                                          | 6740                                    | 1,34                                     |          | 102           | 160 M4 |                      |
|                                               | 15,4                                          | 6434                                    | 1,41                                     |          | 65,1          | 160 L6 |                      |
|                                               | 15,4                                          | 6403                                    | 1,26                                     |          | 97,1          | 160 M4 |                      |
|                                               | 16,2                                          | 6113                                    | 1,39                                     |          | 61,8          | 160 L6 |                      |
|                                               | 17,7                                          | 5601                                    | 1,43                                     |          | 85,0          | 160 M4 |                      |
|                                               | 18,5                                          | 5346                                    | 1,60                                     |          | 54,1          | 160 L6 |                      |
|                                               | 19,0                                          | 5215                                    | 1,60                                     |          | 79,1          | 160 M4 |                      |
|                                               | 19,9                                          | 4978                                    | 1,83                                     |          | 50,4          | 160 L6 |                      |
|                                               | 20,2                                          | 4905                                    | 1,78                                     |          | 74,4          | 160 M4 |                      |
|                                               | 23,1                                          | 4289                                    | 2,04                                     |          | 65,1          | 160 M4 |                      |
|                                               | 23,9                                          | 4137                                    | 1,89                                     |          | 41,8          | 160 L6 |                      |
|                                               | 24,3                                          | 4076                                    | 2,01                                     |          | 61,8          | 160 M4 |                      |
|                                               | 25,8                                          | 3826                                    | 1,90                                     |          | 38,7          | 160 L6 |                      |
|                                               | 27,7                                          | 3564                                    | 2,30                                     |          | 54,1          | 160 M4 |                      |
|                                               | 29,8                                          | 3319                                    | 2,64                                     |          | 50,4          | 160 M4 |                      |
|                                               | 31,5                                          | 3141                                    | 2,68                                     |          | 31,8          | 160 L6 |                      |
|                                               | 35,9                                          | 2758                                    | 2,73                                     |          | 41,8          | 160 M4 |                      |
|                                               | 38,8                                          | 2551                                    | 2,74                                     |          | 38,7          | 160 M4 |                      |
|                                               | 40,9                                          | 2415                                    | 3,06                                     |          | 24,4          | 160 L6 |                      |
|                                               | 40,6                                          | 2484                                    | 2,45                                     | MKH 2180 | 24,6          | 160 L6 | 246-247              |
|                                               | 48,9                                          | 2064                                    | 2,44                                     |          | 20,5          | 160 L6 |                      |
|                                               | 15,5                                          | 6392                                    | 1,05                                     |          | 97,0          | 160 M4 |                      |
|                                               | 16,2                                          | 6101                                    | 1,08                                     | MKH 3160 | 61,7          | 160 L6 | 262-263              |
|                                               | 17,7                                          | 5590                                    | 1,16                                     |          | 84,8          | 160 M4 |                      |
|                                               | 18,6                                          | 5323                                    | 1,24                                     |          | 53,8          | 160 L6 |                      |
|                                               | 19,6                                          | 5056                                    | 1,20                                     |          | 51,1          | 160 L6 |                      |
|                                               | 19,8                                          | 4981                                    | 1,16                                     |          | 75,6          | 160 M4 |                      |
|                                               | 22,7                                          | 4356                                    | 1,34                                     |          | 66,1          | 160 M4 |                      |
|                                               | 24,0                                          | 4118                                    | 1,61                                     |          | 41,7          | 160 L6 |                      |
|                                               | 24,3                                          | 4068                                    | 1,56                                     |          | 61,7          | 160 M4 |                      |
|                                               | 24,4                                          | 4053                                    | 1,63                                     |          | 41,0          | 160 L6 |                      |
|                                               | 25,7                                          | 3840                                    | 1,58                                     |          | 38,8          | 160 L6 |                      |
|                                               | 27,9                                          | 3549                                    | 1,79                                     |          | 53,8          | 160 M4 |                      |
|                                               | 29,3                                          | 3371                                    | 1,73                                     |          | 51,1          | 160 M4 |                      |
|                                               | 31,5                                          | 3136                                    | 2,12                                     |          | 31,7          | 160 L6 |                      |
|                                               | 36,0                                          | 2745                                    | 2,32                                     |          | 41,7          | 160 M4 |                      |
|                                               | 36,6                                          | 2702                                    | 2,36                                     |          | 41,0          | 160 M4 |                      |
|                                               | 38,6                                          | 2560                                    | 2,29                                     |          | 38,8          | 160 M4 |                      |
|                                               | 41,0                                          | 2411                                    | 2,80                                     |          | 24,4          | 160 L6 |                      |
|                                               | 47,3                                          | 2091                                    | 3,06                                     |          | 31,7          | 160 M4 |                      |

| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|--------|----------------------|
| 11                                            | 40,0                                          | 2522                                    | 2,43                                     | MKH 2160 | 25,0          | 160 L6 | 244-245              |
|                                               | 49,0                                          | 2058                                    | 2,43                                     |          | 20,4          | 160 L6 |                      |
|                                               | 23,5                                          | 4209                                    | 0,97                                     | MKH 3140 | 63,9          | 160 M4 | 260-261              |
|                                               | 25,8                                          | 3826                                    | 1,11                                     |          | 38,7          | 160 L6 |                      |
|                                               | 29,6                                          | 3343                                    | 1,21                                     |          | 50,7          | 160 M4 |                      |
|                                               | 32,0                                          | 3088                                    | 1,35                                     |          | 31,2          | 160 L6 |                      |
|                                               | 36,7                                          | 2697                                    | 1,25                                     |          | 40,9          | 160 M4 |                      |
|                                               | 38,8                                          | 2551                                    | 1,60                                     |          | 38,7          | 160 M4 |                      |
|                                               | 38,9                                          | 2545                                    | 1,45                                     |          | 25,7          | 160 L6 |                      |
|                                               | 39,2                                          | 2525                                    | 1,40                                     |          | 38,3          | 160 M4 |                      |
|                                               | 48,0                                          | 2059                                    | 1,94                                     |          | 31,2          | 160 M4 |                      |
|                                               | 58,3                                          | 1697                                    | 2,09                                     |          | 25,7          | 160 M4 |                      |
|                                               | 40,0                                          | 2522                                    | 1,11                                     | MKH 2140 | 25,0          | 160 L6 | 242-243              |
|                                               | 49,0                                          | 2058                                    | 1,11                                     |          | 20,4          | 160 L6 |                      |
|                                               | 60,0                                          | 1682                                    | 1,61                                     |          | 25,0          | 160 M4 |                      |
|                                               | 62,9                                          | 1604                                    | 1,90                                     |          | 15,9          | 160 L6 |                      |
|                                               | 73,5                                          | 1372                                    | 1,60                                     |          | 20,4          | 160 M4 |                      |
|                                               | 77,1                                          | 1309                                    | 1,90                                     |          | 13,0          | 160 L6 |                      |
|                                               | 94,3                                          | 1069                                    | 2,74                                     |          | 15,9          | 160 M4 |                      |
|                                               | 42,1                                          | 2396                                    | 1,11                                     | MKH 2125 | 23,8          | 160 L6 | 240-241              |
|                                               | 48,1                                          | 2095                                    | 1,11                                     |          | 20,8          | 160 L6 |                      |
|                                               | 63,2                                          | 1597                                    | 1,60                                     |          | 23,8          | 160 M4 |                      |
|                                               | 66,2                                          | 1524                                    | 1,57                                     |          | 15,1          | 160 L6 |                      |
|                                               | 72,2                                          | 1397                                    | 1,60                                     |          | 20,8          | 160 M4 |                      |
|                                               | 75,6                                          | 1334                                    | 1,75                                     |          | 13,2          | 160 L6 |                      |
|                                               | 87,1                                          | 1158                                    | 2,53                                     |          | 11,5          | 160 L6 |                      |
|                                               | 99,3                                          | 1016                                    | 2,26                                     |          | 15,1          | 160 M4 |                      |
|                                               | 113                                           | 889                                     | 2,53                                     |          | 13,2          | 160 M4 |                      |
|                                               | 9,55                                          | 14118                                   | 2,58                                     | MKH 3280 | 105           | 180 L6 | 272-273              |
|                                               | 8,00                                          | 16849                                   | 1,55                                     |          | 125           | 180 L6 |                      |
|                                               | 9,53                                          | 14146                                   | 1,81                                     |          | 105           | 180 L6 |                      |
|                                               | 10,0                                          | 13483                                   | 2,16                                     |          | 100           | 180 L6 |                      |
|                                               | 11,9                                          | 11320                                   | 2,51                                     |          | 84,0          | 180 L6 |                      |
|                                               | 12,0                                          | 11233                                   | 2,23                                     | MKH 3250 | 125           | 160 L4 | 270-271              |
|                                               | 12,3                                          | 10952                                   | 2,26                                     |          | 81,2          | 180 L6 |                      |
|                                               | 12,5                                          | 10783                                   | 2,31                                     |          | 80,0          | 180 L6 |                      |
|                                               | 14,3                                          | 9431                                    | 2,61                                     |          | 105           | 160 L4 |                      |
|                                               | 15,0                                          | 8988                                    | 3,12                                     |          | 100           | 160 L4 |                      |
|                                               | 8,42                                          | 16011                                   | 1,03                                     | MKH 3225 | 119           | 180 L6 | 268-269              |
|                                               | 9,73                                          | 13860                                   | 1,17                                     |          | 103           | 180 L6 |                      |
|                                               | 10,2                                          | 13266                                   | 1,40                                     |          | 98,4          | 180 L6 |                      |
|                                               | 11,8                                          | 11404                                   | 1,60                                     |          | 84,6          | 180 L6 |                      |
|                                               | 12,6                                          | 10674                                   | 1,47                                     |          | 79,2          | 180 L6 |                      |
|                                               | 12,6                                          | 10674                                   | 1,49                                     |          | 119           | 160 L4 |                      |
|                                               | 13,4                                          | 10098                                   | 1,56                                     |          | 74,9          | 180 L6 |                      |
|                                               | 14,6                                          | 9240                                    | 1,68                                     |          | 103           | 160 L4 |                      |
|                                               | 15,2                                          | 8844                                    | 2,01                                     |          | 98,4          | 160 L4 |                      |
|                                               | 15,5                                          | 8681                                    | 1,81                                     |          | 64,4          | 180 L6 |                      |
|                                               | 16,1                                          | 8367                                    | 2,18                                     |          | 62,1          | 180 L6 |                      |
|                                               | 17,7                                          | 7602                                    | 2,30                                     |          | 84,6          | 160 L4 |                      |



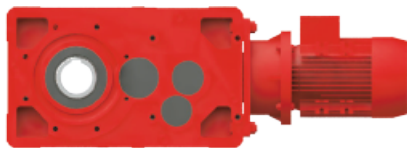
| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|--------|----------------------|
|                                               | 18,7                                          | 7193                                    | 2,53                                     | MKH 3225 | 53,4          | 180 L6 | 268-269              |
|                                               | 18,9                                          | 7116                                    | 2,13                                     |          | 79,2          | 160 L4 |                      |
|                                               | 20,0                                          | 6732                                    | 2,24                                     |          | 74,9          | 160 L4 |                      |
|                                               | 20,0                                          | 6732                                    | 2,36                                     |          | 49,9          | 180 L6 |                      |
|                                               | 23,3                                          | 5788                                    | 2,62                                     |          | 64,4          | 160 L4 |                      |
|                                               | 24,2                                          | 5578                                    | 3,14                                     |          | 62,1          | 160 L4 |                      |
| 15                                            | 10,2                                          | 13236                                   | 1,04                                     | MKH 3200 | 98,2          | 180 L6 | 266-267              |
|                                               | 11,8                                          | 11378                                   | 1,19                                     |          | 84,4          | 180 L6 |                      |
|                                               | 12,8                                          | 10510                                   | 1,09                                     |          | 78,0          | 180 L6 |                      |
|                                               | 12,8                                          | 10509                                   | 1,09                                     |          | 117           | 160 L4 |                      |
|                                               | 13,6                                          | 9943                                    | 1,15                                     |          | 73,8          | 180 L6 |                      |
|                                               | 15,3                                          | 8824                                    | 1,50                                     |          | 98,2          | 160 L4 |                      |
|                                               | 15,8                                          | 8548                                    | 1,34                                     |          | 63,4          | 180 L6 |                      |
|                                               | 16,1                                          | 8348                                    | 1,58                                     |          | 61,9          | 180 L6 |                      |
|                                               | 17,8                                          | 7585                                    | 1,71                                     |          | 84,4          | 160 L4 |                      |
|                                               | 18,8                                          | 7177                                    | 1,84                                     |          | 53,2          | 180 L6 |                      |
|                                               | 19,2                                          | 7006                                    | 1,57                                     |          | 78,0          | 160 L4 |                      |
|                                               | 20,3                                          | 6629                                    | 1,73                                     |          | 49,2          | 180 L6 |                      |
|                                               | 20,3                                          | 6629                                    | 1,66                                     |          | 73,8          | 160 L4 |                      |
|                                               | 23,7                                          | 5699                                    | 1,93                                     |          | 63,4          | 160 L4 |                      |
|                                               | 24,2                                          | 5566                                    | 2,38                                     |          | 41,3          | 180 L6 |                      |
|                                               | 24,2                                          | 5566                                    | 2,27                                     |          | 61,9          | 160 L4 |                      |
|                                               | 25,7                                          | 5254                                    | 2,20                                     |          | 39,0          | 180 L6 |                      |
|                                               | 28,2                                          | 4785                                    | 2,65                                     |          | 53,2          | 160 L4 |                      |
|                                               | 30,5                                          | 4420                                    | 2,50                                     |          | 49,2          | 160 L4 |                      |
|                                               | 14,7                                          | 9191                                    | 0,98                                     | MKH 3180 | 102           | 160 L4 | 264-265              |
|                                               | 15,4                                          | 8773                                    | 1,04                                     |          | 65,1          | 180 L6 |                      |
|                                               | 16,2                                          | 8336                                    | 1,02                                     |          | 61,8          | 180 L6 |                      |
|                                               | 17,7                                          | 7637                                    | 1,05                                     |          | 85,0          | 160 L4 |                      |
|                                               | 18,5                                          | 7290                                    | 1,17                                     |          | 54,1          | 180 L6 |                      |
|                                               | 19,0                                          | 7112                                    | 1,17                                     |          | 79,1          | 160 L4 |                      |
|                                               | 19,9                                          | 6788                                    | 1,34                                     |          | 50,4          | 180 L6 |                      |
|                                               | 20,2                                          | 6688                                    | 1,30                                     |          | 74,4          | 160 L4 |                      |
|                                               | 23,1                                          | 5849                                    | 1,50                                     |          | 65,1          | 160 L4 |                      |
|                                               | 23,9                                          | 5641                                    | 1,39                                     |          | 41,8          | 180 L6 |                      |
|                                               | 24,3                                          | 5558                                    | 1,48                                     |          | 61,8          | 160 L4 |                      |
|                                               | 25,8                                          | 5218                                    | 1,40                                     |          | 38,7          | 180 L6 |                      |
|                                               | 27,7                                          | 4860                                    | 1,69                                     |          | 54,1          | 160 L4 |                      |
|                                               | 29,8                                          | 4526                                    | 1,94                                     |          | 50,4          | 160 L4 |                      |
|                                               | 31,5                                          | 4283                                    | 1,97                                     |          | 31,8          | 180 L6 |                      |
|                                               | 34,0                                          | 3963                                    | 2,22                                     |          | 29,4          | 180 L6 |                      |
|                                               | 35,9                                          | 3761                                    | 2,00                                     |          | 41,8          | 160 L4 |                      |
|                                               | 38,8                                          | 3479                                    | 2,01                                     |          | 38,7          | 160 L4 |                      |
|                                               | 40,9                                          | 3294                                    | 2,24                                     |          | 24,4          | 180 L6 |                      |
|                                               | 47,2                                          | 2856                                    | 2,84                                     |          | 31,8          | 160 L4 |                      |
|                                               | 40,6                                          | 3387                                    | 1,80                                     | MKH 2180 | 24,6          | 180 L6 | 246-247              |
|                                               | 48,9                                          | 2815                                    | 1,79                                     |          | 20,5          | 180 L6 |                      |
|                                               | 60,9                                          | 2258                                    | 2,59                                     |          | 24,6          | 160 L4 |                      |
|                                               | 73,3                                          | 1877                                    | 2,58                                     |          | 20,5          | 160 L4 |                      |
|                                               | 22,7                                          | 5940                                    | 0,98                                     | MKH 3160 | 66,1          | 160 L4 | 262-263              |

| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 15                                            | 24,0                                          | 5615                                    | 1,18                                     | MKH 3160 | 41,7          | 180 L6  | 262-263              |
|                                               | 24,3                                          | 5547                                    | 1,14                                     |          | 61,7          | 160 L4  |                      |
|                                               | 24,4                                          | 5527                                    | 1,20                                     |          | 41,0          | 180 L6  |                      |
|                                               | 25,7                                          | 5237                                    | 1,16                                     |          | 38,8          | 180 L6  |                      |
|                                               | 27,9                                          | 4839                                    | 1,31                                     |          | 53,8          | 160 L4  |                      |
|                                               | 29,3                                          | 4597                                    | 1,27                                     |          | 51,1          | 160 L4  |                      |
|                                               | 31,5                                          | 4277                                    | 1,55                                     |          | 31,7          | 180 L6  |                      |
|                                               | 36,0                                          | 3744                                    | 1,70                                     |          | 41,7          | 160 L4  |                      |
|                                               | 36,6                                          | 3684                                    | 1,73                                     |          | 41,0          | 160 L4  |                      |
|                                               | 38,6                                          | 3491                                    | 1,68                                     |          | 38,8          | 160 L4  |                      |
|                                               | 41,0                                          | 3288                                    | 2,06                                     |          | 24,4          | 180 L6  |                      |
|                                               | 47,3                                          | 2851                                    | 2,24                                     |          | 31,7          | 160 L4  |                      |
|                                               | 40,0                                          | 3439                                    | 1,78                                     | MKH 2160 | 25,0          | 180 L6  | 244-245              |
|                                               | 49,0                                          | 2807                                    | 1,78                                     |          | 20,4          | 180 L6  |                      |
|                                               | 60,0                                          | 2293                                    | 2,55                                     |          | 25,0          | 160 L4  |                      |
|                                               | 63,5                                          | 2167                                    | 2,47                                     |          | 15,8          | 180 L6  |                      |
|                                               | 73,5                                          | 1871                                    | 2,57                                     | MKH 3140 | 20,4          | 160 L4  | 260-261              |
|                                               | 32,0                                          | 4211                                    | 0,99                                     |          | 31,2          | 180 L6  |                      |
|                                               | 38,8                                          | 3479                                    | 1,17                                     |          | 38,7          | 160 L4  |                      |
|                                               | 38,9                                          | 3470                                    | 1,06                                     |          | 25,7          | 180 L6  |                      |
|                                               | 39,2                                          | 3443                                    | 1,03                                     |          | 38,3          | 160 L4  |                      |
|                                               | 48,0                                          | 2807                                    | 1,42                                     |          | 31,2          | 160 L4  |                      |
|                                               | 58,3                                          | 2314                                    | 1,53                                     | MKH 2140 | 25,7          | 160 L4  | 242-243              |
|                                               | 60,0                                          | 2293                                    | 1,18                                     |          | 25,0          | 160 L4  |                      |
|                                               | 62,9                                          | 2187                                    | 1,39                                     |          | 15,9          | 180 L6  |                      |
|                                               | 73,5                                          | 1871                                    | 1,18                                     |          | 20,4          | 160 L4  |                      |
|                                               | 77,1                                          | 1784                                    | 1,39                                     |          | 13,0          | 180 L6  |                      |
|                                               | 82,8                                          | 1662                                    | 2,21                                     |          | 12,1          | 180 L6  |                      |
|                                               | 94,3                                          | 1458                                    | 2,01                                     |          | 15,9          | 160 L4  |                      |
|                                               | 101                                           | 1358                                    | 2,21                                     |          | 9,87          | 180 L6  |                      |
|                                               | 116                                           | 1190                                    | 2,00                                     |          | 13,0          | 160 L4  |                      |
|                                               | 124                                           | 1108                                    | 3,19                                     |          | 12,1          | 160 L4  |                      |
|                                               | 134                                           | 1025                                    | 2,20                                     | MKH 2125 | 7,45          | 180 L6  | 240-241              |
|                                               | 152                                           | 905                                     | 3,18                                     |          | 9,87          | 160 L4  |                      |
|                                               | 201                                           | 683                                     | 3,18                                     |          | 7,45          | 160 L4  |                      |
|                                               | 63,2                                          | 2178                                    | 1,17                                     |          | 23,8          | 160 L4  |                      |
|                                               | 66,2                                          | 2079                                    | 1,15                                     |          | 15,1          | 180 L6  |                      |
|                                               | 72,2                                          | 1905                                    | 1,17                                     |          | 20,8          | 160 L4  |                      |
|                                               | 75,6                                          | 1819                                    | 1,29                                     |          | 13,2          | 180 L6  |                      |
|                                               | 87,1                                          | 1579                                    | 1,86                                     |          | 11,5          | 180 L6  |                      |
|                                               | 99,3                                          | 1386                                    | 1,66                                     | MKH 3280 | 15,1          | 160 L4  | 272-273              |
|                                               | 100                                           | 1381                                    | 2,15                                     |          | 10,0          | 180 L6  |                      |
|                                               | 113                                           | 1213                                    | 1,86                                     |          | 13,2          | 160 L4  |                      |
|                                               | 129                                           | 1069                                    | 2,21                                     |          | 7,77          | 180 L6  |                      |
|                                               | 131                                           | 1053                                    | 2,68                                     |          | 11,5          | 160 L4  |                      |
|                                               | 149                                           | 921                                     | 3,09                                     |          | 10,0          | 160 L4  |                      |
|                                               | 167                                           | 823                                     | 2,21                                     |          | 5,98          | 180 L6  |                      |
|                                               | 193                                           | 713                                     | 3,19                                     |          | 7,77          | 160 L4  |                      |
|                                               | 251                                           | 548                                     | 3,19                                     |          | 5,98          | 160 L4  |                      |
|                                               | 18,5                                          | 9,55                                    | 17412                                    | 2,09     | 105           | 200 LA6 | 272-273              |



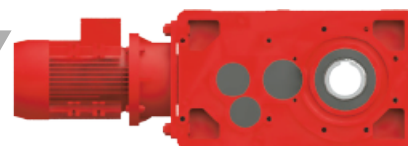
| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 18,5                                          | 10,0                                          | 16645                                   | 2,30                                     | MKH 3280 | 100           | 200 LA6 | 272-273              |
|                                               | 8,00                                          | 20781                                   | 1,26                                     | MKH 3250 | 125           | 200 LA6 | 270-271              |
|                                               | 9,53                                          | 17447                                   | 1,47                                     |          | 105           | 200 LA6 |                      |
|                                               | 10,0                                          | 16629                                   | 1,75                                     |          | 100           | 200 LA6 |                      |
|                                               | 11,9                                          | 13961                                   | 2,03                                     |          | 84,0          | 200 LA6 |                      |
|                                               | 12,0                                          | 13854                                   | 1,81                                     |          | 125           | 180 M4  |                      |
|                                               | 12,3                                          | 13507                                   | 1,83                                     |          | 81,2          | 200 LA6 |                      |
|                                               | 12,5                                          | 13299                                   | 1,87                                     |          | 80,0          | 200 LA6 |                      |
|                                               | 14,3                                          | 11631                                   | 2,12                                     |          | 105           | 180 M4  |                      |
|                                               | 14,9                                          | 11166                                   | 2,23                                     |          | 67,2          | 200 LA6 |                      |
|                                               | 15,0                                          | 11086                                   | 2,53                                     |          | 100           | 180 M4  |                      |
|                                               | 17,9                                          | 9308                                    | 2,93                                     |          | 84,0          | 180 M4  |                      |
|                                               | 18,5                                          | 9005                                    | 2,64                                     |          | 81,2          | 180 M4  |                      |
|                                               | 18,8                                          | 8866                                    | 2,70                                     |          | 80,0          | 180 M4  |                      |
|                                               | 10,2                                          | 16361                                   | 1,13                                     | MKH 3225 | 98,4          | 200 LA6 | 268-269              |
|                                               | 11,8                                          | 14064                                   | 1,29                                     |          | 84,6          | 200 LA6 |                      |
|                                               | 12,6                                          | 13165                                   | 1,19                                     |          | 79,2          | 200 LA6 |                      |
|                                               | 12,6                                          | 13164                                   | 1,21                                     |          | 119           | 180 M4  |                      |
|                                               | 13,4                                          | 12455                                   | 1,26                                     |          | 74,9          | 200 LA6 |                      |
|                                               | 14,6                                          | 11396                                   | 1,37                                     |          | 103           | 180 M4  |                      |
|                                               | 15,2                                          | 10907                                   | 1,63                                     |          | 98,4          | 180 M4  |                      |
|                                               | 15,5                                          | 10707                                   | 1,47                                     |          | 64,4          | 200 LA6 |                      |
|                                               | 16,1                                          | 10320                                   | 1,76                                     |          | 62,1          | 200 LA6 |                      |
|                                               | 17,7                                          | 9376                                    | 1,87                                     |          | 84,6          | 180 M4  |                      |
|                                               | 18,7                                          | 8871                                    | 2,05                                     |          | 53,4          | 200 LA6 |                      |
|                                               | 18,9                                          | 8777                                    | 1,72                                     |          | 79,2          | 180 M4  |                      |
|                                               | 20,0                                          | 8303                                    | 1,82                                     |          | 74,9          | 180 M4  |                      |
|                                               | 20,0                                          | 8303                                    | 1,91                                     |          | 49,9          | 200 LA6 |                      |
|                                               | 23,3                                          | 7138                                    | 2,12                                     |          | 64,4          | 180 M4  |                      |
|                                               | 24,2                                          | 6880                                    | 2,54                                     |          | 62,1          | 180 M4  |                      |
|                                               | 24,2                                          | 6879                                    | 2,39                                     |          | 41,4          | 200 LA6 |                      |
|                                               | 25,3                                          | 6582                                    | 2,42                                     |          | 39,6          | 200 LA6 |                      |
|                                               | 28,1                                          | 5914                                    | 2,96                                     |          | 53,4          | 180 M4  |                      |
|                                               | 30,0                                          | 5535                                    | 2,76                                     |          | 49,9          | 180 M4  |                      |
|                                               | 15,3                                          | 10883                                   | 1,22                                     | MKH 3200 | 98,2          | 180 M4  | 266-267              |
|                                               | 15,8                                          | 10542                                   | 1,09                                     |          | 63,4          | 200 LA6 |                      |
|                                               | 16,1                                          | 10296                                   | 1,28                                     |          | 61,9          | 200 LA6 |                      |
|                                               | 17,8                                          | 9355                                    | 1,39                                     |          | 84,4          | 180 M4  |                      |
|                                               | 18,8                                          | 8851                                    | 1,49                                     |          | 53,2          | 200 LA6 |                      |
|                                               | 19,2                                          | 8641                                    | 1,27                                     |          | 78,0          | 180 M4  |                      |
|                                               | 20,3                                          | 8176                                    | 1,41                                     |          | 49,2          | 200 LA6 |                      |
|                                               | 20,3                                          | 8176                                    | 1,35                                     |          | 73,8          | 180 M4  |                      |
|                                               | 23,7                                          | 7028                                    | 1,57                                     |          | 63,4          | 180 M4  |                      |
|                                               | 24,2                                          | 6864                                    | 1,93                                     |          | 41,3          | 200 LA6 |                      |
|                                               | 24,2                                          | 6864                                    | 1,84                                     |          | 61,9          | 180 M4  |                      |
|                                               | 25,7                                          | 6480                                    | 1,78                                     |          | 39,0          | 200 LA6 |                      |
|                                               | 28,2                                          | 5901                                    | 2,15                                     |          | 53,2          | 180 M4  |                      |
|                                               | 30,5                                          | 5451                                    | 2,03                                     |          | 49,2          | 180 M4  |                      |
|                                               | 30,6                                          | 5443                                    | 2,44                                     |          | 32,7          | 200 LA6 |                      |
|                                               | 36,3                                          | 4576                                    | 2,79                                     |          | 41,3          | 180 M4  |                      |

| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 18,5                                          | 38,5                                          | 4320                                    | 2,57                                     | MKH 3200 | 39,0          | 180 M4  | 266-267              |
|                                               | 19,9                                          | 8372                                    | 1,09                                     | MKH 3180 | 50,4          | 200 LA6 | 264-265              |
|                                               | 20,2                                          | 8249                                    | 1,06                                     |          | 74,4          | 180 M4  |                      |
|                                               | 23,1                                          | 7213                                    | 1,21                                     |          | 65,1          | 180 M4  |                      |
|                                               | 23,9                                          | 6957                                    | 1,12                                     |          | 41,8          | 200 LA6 |                      |
|                                               | 24,3                                          | 6854                                    | 1,20                                     |          | 61,8          | 180 M4  |                      |
|                                               | 25,8                                          | 6435                                    | 1,13                                     |          | 38,7          | 200 LA6 |                      |
|                                               | 27,7                                          | 5994                                    | 1,37                                     |          | 54,1          | 180 M4  |                      |
|                                               | 29,8                                          | 5582                                    | 1,57                                     |          | 50,4          | 180 M4  |                      |
|                                               | 31,5                                          | 5283                                    | 1,59                                     |          | 31,8          | 200 LA6 |                      |
|                                               | 34,0                                          | 4887                                    | 1,80                                     |          | 29,4          | 200 LA6 |                      |
|                                               | 35,9                                          | 4638                                    | 1,62                                     |          | 41,8          | 180 M4  |                      |
|                                               | 38,8                                          | 4290                                    | 1,63                                     |          | 38,7          | 180 M4  |                      |
|                                               | 40,9                                          | 4062                                    | 1,82                                     |          | 24,4          | 200 LA6 |                      |
|                                               | 47,2                                          | 3522                                    | 2,30                                     |          | 31,8          | 180 M4  |                      |
|                                               | 51,0                                          | 3258                                    | 2,59                                     |          | 29,4          | 180 M4  |                      |
|                                               | 61,4                                          | 2708                                    | 2,62                                     |          | 24,4          | 180 M4  |                      |
|                                               | 40,6                                          | 4177                                    | 1,46                                     | MKH 2180 | 24,6          | 200 LA6 | 246-247              |
|                                               | 48,9                                          | 3472                                    | 1,45                                     |          | 20,5          | 200 LA6 |                      |
|                                               | 60,9                                          | 2785                                    | 2,10                                     |          | 24,6          | 180 M4  |                      |
|                                               | 64,4                                          | 2635                                    | 2,37                                     |          | 15,5          | 200 LA6 |                      |
|                                               | 73,3                                          | 2314                                    | 2,10                                     |          | 20,5          | 180 M4  |                      |
|                                               | 77,5                                          | 2189                                    | 2,39                                     |          | 12,9          | 200 LA6 |                      |
|                                               | 27,9                                          | 5969                                    | 1,06                                     | MKH 3160 | 53,8          | 180 M4  | 262-263              |
|                                               | 29,3                                          | 5669                                    | 1,03                                     |          | 51,1          | 180 M4  |                      |
|                                               | 31,5                                          | 5275                                    | 1,26                                     |          | 31,7          | 200 LA6 |                      |
|                                               | 36,0                                          | 4617                                    | 1,38                                     |          | 41,7          | 180 M4  |                      |
|                                               | 36,6                                          | 4544                                    | 1,40                                     |          | 41,0          | 180 M4  |                      |
|                                               | 38,6                                          | 4306                                    | 1,36                                     |          | 38,8          | 180 M4  |                      |
|                                               | 41,0                                          | 4056                                    | 1,67                                     |          | 24,4          | 200 LA6 |                      |
|                                               | 47,3                                          | 3516                                    | 1,82                                     |          | 31,7          | 180 M4  |                      |
|                                               | 61,5                                          | 2704                                    | 2,40                                     |          | 24,4          | 180 M4  |                      |
|                                               | 40,0                                          | 4242                                    | 1,45                                     | MKH 2160 | 25,0          | 200 LA6 | 244-245              |
|                                               | 49,0                                          | 3461                                    | 1,44                                     |          | 20,4          | 200 LA6 |                      |
|                                               | 60,0                                          | 2828                                    | 2,07                                     |          | 25,0          | 180 M4  |                      |
|                                               | 63,5                                          | 2672                                    | 2,00                                     |          | 15,8          | 200 LA6 |                      |
|                                               | 73,5                                          | 2308                                    | 2,08                                     |          | 20,4          | 180 M4  |                      |
|                                               | 77,8                                          | 2180                                    | 2,38                                     |          | 12,9          | 200 LA6 |                      |
|                                               | 95,2                                          | 1782                                    | 2,89                                     |          | 15,8          | 180 M4  |                      |
|                                               | 48,0                                          | 3462                                    | 1,16                                     | MKH 3140 | 31,2          | 180 M4  | 260-261              |
|                                               | 58,3                                          | 2853                                    | 1,24                                     |          | 25,7          | 180 M4  |                      |
|                                               | 60,0                                          | 2828                                    | 0,95                                     | MKH 2140 | 25,0          | 180 M4  | 242-243              |
|                                               | 62,9                                          | 2698                                    | 1,13                                     |          | 15,9          | 200 LA6 |                      |
|                                               | 73,5                                          | 2308                                    | 0,95                                     |          | 20,4          | 180 M4  |                      |
|                                               | 77,1                                          | 2201                                    | 1,13                                     |          | 13,0          | 200 LA6 |                      |
|                                               | 82,8                                          | 2050                                    | 1,79                                     |          | 12,1          | 200 LA6 |                      |
|                                               | 94,3                                          | 1799                                    | 1,63                                     |          | 15,9          | 180 M4  |                      |
|                                               | 101                                           | 1675                                    | 1,79                                     |          | 9,87          | 200 LA6 |                      |
|                                               | 116                                           | 1467                                    | 1,63                                     |          | 13,0          | 180 M4  |                      |
|                                               | 124                                           | 1366                                    | 2,58                                     |          | 12,1          | 180 M4  |                      |



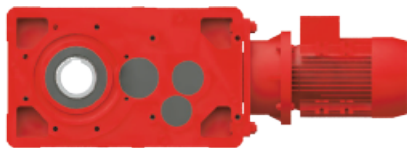
| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 18,5                                          | 134                                           | 1264                                    | 1,79                                     | MKH 2140 | 7,45          | 200 LA6 | 242-243              |
|                                               | 152                                           | 1116                                    | 2,58                                     |          | 9,87          | 180 M4  |                      |
|                                               | 201                                           | 843                                     | 2,57                                     |          | 7,45          | 180 M4  |                      |
|                                               | 75,6                                          | 2243                                    | 1,04                                     | MKH 2125 | 13,2          | 200 LA6 | 240-241              |
|                                               | 87,1                                          | 1948                                    | 1,51                                     |          | 11,5          | 200 LA6 |                      |
|                                               | 99,3                                          | 1709                                    | 1,35                                     |          | 15,1          | 180 M4  |                      |
|                                               | 100                                           | 1704                                    | 1,74                                     |          | 10,0          | 200 LA6 |                      |
|                                               | 113                                           | 1495                                    | 1,50                                     |          | 13,2          | 180 M4  |                      |
|                                               | 129                                           | 1318                                    | 1,79                                     |          | 7,77          | 200 LA6 |                      |
|                                               | 131                                           | 1299                                    | 2,17                                     |          | 11,5          | 180 M4  |                      |
|                                               | 149                                           | 1136                                    | 2,51                                     |          | 10,0          | 180 M4  |                      |
|                                               | 167                                           | 1015                                    | 1,79                                     |          | 5,98          | 200 LA6 |                      |
|                                               | 193                                           | 879                                     | 2,59                                     |          | 7,77          | 180 M4  |                      |
|                                               | 251                                           | 676                                     | 2,59                                     |          | 5,98          | 180 M4  |                      |
| 22                                            | 7,81                                          | 25313                                   | 2,20                                     | MKH 3320 | 128           | 200 LB6 | 274-275              |
|                                               | 9,55                                          | 20706                                   | 1,76                                     | MKH 3280 | 105           | 200 LB6 | 272-273              |
|                                               | 10,0                                          | 19794                                   | 1,93                                     |          | 100           | 200 LB6 |                      |
|                                               | 11,9                                          | 16618                                   | 2,50                                     |          | 84,0          | 200 LB6 |                      |
|                                               | 12,0                                          | 16442                                   | 2,19                                     |          | 125           | 180 L4  |                      |
|                                               | 12,3                                          | 16041                                   | 2,22                                     |          | 81,1          | 200 LB6 |                      |
|                                               | 12,5                                          | 15784                                   | 2,25                                     |          | 79,8          | 200 LB6 |                      |
|                                               | 14,3                                          | 13804                                   | 2,54                                     |          | 105           | 180 L4  |                      |
|                                               | 15,0                                          | 13196                                   | 2,78                                     |          | 100           | 180 L4  |                      |
|                                               | 8,00                                          | 24712                                   | 1,06                                     | MKH 3250 | 125           | 200 LB6 | 270-271              |
|                                               | 9,53                                          | 20747                                   | 1,23                                     |          | 105           | 200 LB6 |                      |
|                                               | 10,0                                          | 19774                                   | 1,47                                     |          | 100           | 200 LB6 |                      |
|                                               | 11,9                                          | 16603                                   | 1,71                                     |          | 84,0          | 200 LB6 |                      |
|                                               | 12,0                                          | 16475                                   | 1,52                                     |          | 125           | 180 L4  |                      |
|                                               | 12,3                                          | 16063                                   | 1,54                                     |          | 81,2          | 200 LB6 |                      |
|                                               | 12,5                                          | 15816                                   | 1,57                                     |          | 80,0          | 200 LB6 |                      |
|                                               | 14,3                                          | 13832                                   | 1,78                                     |          | 105           | 180 L4  |                      |
|                                               | 14,9                                          | 13279                                   | 1,87                                     |          | 67,2          | 200 LB6 |                      |
|                                               | 15,0                                          | 13183                                   | 2,12                                     |          | 100           | 180 L4  |                      |
|                                               | 15,6                                          | 12656                                   | 2,19                                     |          | 64,0          | 200 LB6 |                      |
|                                               | 17,9                                          | 11068                                   | 2,47                                     |          | 84,0          | 180 L4  |                      |
|                                               | 18,5                                          | 10709                                   | 2,22                                     | MKH 3225 | 81,2          | 180 L4  | 268-269              |
|                                               | 18,8                                          | 10544                                   | 2,27                                     |          | 80,0          | 180 L4  |                      |
|                                               | 22,3                                          | 8852                                    | 2,70                                     |          | 67,2          | 180 L4  |                      |
|                                               | 23,4                                          | 8437                                    | 3,16                                     |          | 64,0          | 180 L4  |                      |
|                                               | 11,8                                          | 16725                                   | 1,09                                     |          | 84,6          | 200 LB6 |                      |
|                                               | 12,6                                          | 15655                                   | 1,00                                     |          | 79,2          | 200 LB6 |                      |
|                                               | 12,6                                          | 15655                                   | 1,02                                     |          | 119           | 180 L4  |                      |
|                                               | 13,4                                          | 14811                                   | 1,06                                     |          | 74,9          | 200 LB6 |                      |
|                                               | 14,6                                          | 13552                                   | 1,15                                     |          | 103           | 180 L4  |                      |
|                                               | 15,2                                          | 12971                                   | 1,37                                     |          | 98,4          | 180 L4  |                      |
|                                               | 15,5                                          | 12733                                   | 1,24                                     |          | 64,4          | 200 LB6 |                      |
|                                               | 16,1                                          | 12272                                   | 1,48                                     |          | 62,1          | 200 LB6 |                      |

| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 22                                            | 20,0                                          | 9874                                    | 1,53                                     | MKH 3225 | 74,9          | 180 L4  | 268-269              |
|                                               | 20,0                                          | 9873                                    | 1,61                                     |          | 49,9          | 200 LB6 |                      |
|                                               | 23,3                                          | 8489                                    | 1,78                                     |          | 64,4          | 180 L4  |                      |
|                                               | 24,2                                          | 8181                                    | 2,14                                     |          | 62,1          | 180 L4  |                      |
|                                               | 24,2                                          | 8181                                    | 2,01                                     |          | 41,4          | 200 LB6 |                      |
|                                               | 25,3                                          | 7827                                    | 2,03                                     |          | 39,6          | 200 LB6 |                      |
|                                               | 28,1                                          | 7033                                    | 2,49                                     |          | 53,4          | 180 L4  |                      |
|                                               | 30,0                                          | 6582                                    | 2,32                                     |          | 49,9          | 180 L4  |                      |
|                                               | 36,3                                          | 5454                                    | 2,90                                     |          | 41,4          | 180 L4  |                      |
|                                               | 37,9                                          | 5218                                    | 2,93                                     |          | 39,6          | 180 L4  |                      |
|                                               | 40,0                                          | 5045                                    | 2,58                                     | MKH 2225 | 25,0          | 200 LB6 | 250-251              |
|                                               | 48,3                                          | 4179                                    | 2,57                                     |          | 20,7          | 200 LB6 |                      |
|                                               | 15,3                                          | 12942                                   | 1,02                                     | MKH 3200 | 98,2          | 180 L4  | 266-267              |
|                                               | 16,1                                          | 12244                                   | 1,07                                     |          | 61,9          | 200 LB6 |                      |
|                                               | 17,8                                          | 11125                                   | 1,17                                     |          | 84,4          | 180 L4  |                      |
|                                               | 18,8                                          | 10526                                   | 1,25                                     |          | 53,2          | 200 LB6 |                      |
|                                               | 19,2                                          | 10276                                   | 1,07                                     |          | 78,0          | 180 L4  |                      |
|                                               | 20,3                                          | 9723                                    | 1,18                                     |          | 49,2          | 200 LB6 |                      |
|                                               | 20,3                                          | 9722                                    | 1,13                                     |          | 73,8          | 180 L4  |                      |
|                                               | 23,7                                          | 8358                                    | 1,32                                     |          | 63,4          | 180 L4  |                      |
|                                               | 24,2                                          | 8163                                    | 1,62                                     |          | 41,3          | 200 LB6 |                      |
|                                               | 24,2                                          | 8163                                    | 1,55                                     |          | 61,9          | 180 L4  |                      |
|                                               | 25,7                                          | 7706                                    | 1,50                                     |          | 39,0          | 200 LB6 |                      |
|                                               | 28,2                                          | 7017                                    | 1,81                                     |          | 53,2          | 180 L4  |                      |
|                                               | 30,5                                          | 6482                                    | 1,70                                     |          | 49,2          | 180 L4  |                      |
|                                               | 30,6                                          | 6472                                    | 2,05                                     |          | 32,7          | 200 LB6 |                      |
|                                               | 36,3                                          | 5442                                    | 2,34                                     |          | 41,3          | 180 L4  |                      |
|                                               | 37,6                                          | 5254                                    | 2,47                                     |          | 26,6          | 200 LB6 |                      |
|                                               | 38,5                                          | 5137                                    | 2,16                                     |          | 39,0          | 180 L4  |                      |
|                                               | 45,8                                          | 4315                                    | 2,96                                     |          | 32,7          | 180 L4  |                      |
| 22                                            | 40,7                                          | 4964                                    | 2,35                                     | MKH 2200 | 24,6          | 200 LB6 | 248-249              |
|                                               | 48,4                                          | 4171                                    | 2,59                                     |          | 20,7          | 200 LB6 |                      |
|                                               | 23,1                                          | 8578                                    | 1,02                                     | MKH 3180 | 65,1          | 180 L4  | 264-265              |
|                                               | 24,3                                          | 8151                                    | 1,01                                     |          | 61,8          | 180 L4  |                      |
|                                               | 27,7                                          | 7128                                    | 1,15                                     |          | 54,1          | 180 L4  |                      |
|                                               | 29,8                                          | 6638                                    | 1,32                                     |          | 50,4          | 180 L4  |                      |
|                                               | 31,5                                          | 6282                                    | 1,34                                     |          | 31,8          | 200 LB6 |                      |
|                                               | 34,0                                          | 5812                                    | 1,51                                     |          | 29,4          | 200 LB6 |                      |
|                                               | 35,9                                          | 5516                                    | 1,36                                     |          | 41,8          | 180 L4  |                      |
|                                               | 38,8                                          | 5102                                    | 1,37                                     |          | 38,7          | 180 L4  |                      |
|                                               | 40,9                                          | 4831                                    | 1,53                                     |          | 24,4          | 200 LB6 |                      |
|                                               | 47,2                                          | 4188                                    | 1,93                                     |          | 31,8          | 180 L4  |                      |
|                                               | 51,0                                          | 3874                                    | 2,18                                     |          | 29,4          | 180 L4  |                      |
|                                               | 61,4                                          | 3221                                    | 2,20                                     |          | 24,4          | 180 L4  |                      |
|                                               | 40,6                                          | 4968                                    | 1,22                                     | MKH 2180 | 24,6          | 200 LB6 | 246-247              |
|                                               | 48,9                                          | 4128                                    | 1,22                                     |          | 20,5          | 200 LB6 |                      |
|                                               | 60,9                                          | 3312                                    | 1,77                                     |          | 24,6          | 180 L4  |                      |
|                                               | 64,4                                          | 3134                                    | 1,99                                     |          | 15,5          | 200 LB6 |                      |
|                                               | 73,3                                          | 2752                                    | 1,76                                     |          | 20,5          | 180 L4  |                      |
|                                               | 77,5                                          | 2603                                    | 2,01                                     |          | 12,9          | 200 LB6 |                      |



| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 22                                            | 96,6                                          | 2089                                    | 2,87                                     | MKH 2180 | 15,5          | 180 L4  | 246-247              |
|                                               | 116                                           | 1735                                    | 2,89                                     |          | 12,9          | 180 L4  |                      |
|                                               | 31,5                                          | 6272                                    | 1,06                                     |          | 31,7          | 200 LB6 |                      |
|                                               | 36,0                                          | 5491                                    | 1,16                                     | MKH 3160 | 41,7          | 180 L4  | 262-263              |
|                                               | 36,6                                          | 5404                                    | 1,18                                     |          | 41,0          | 180 L4  |                      |
|                                               | 38,6                                          | 5120                                    | 1,14                                     |          | 38,8          | 180 L4  |                      |
|                                               | 41,0                                          | 4823                                    | 1,40                                     |          | 24,4          | 200 LB6 |                      |
|                                               | 47,3                                          | 4182                                    | 1,53                                     |          | 31,7          | 180 L4  |                      |
|                                               | 61,5                                          | 3215                                    | 2,02                                     |          | 24,4          | 180 L4  |                      |
|                                               | 40,0                                          | 5045                                    | 1,22                                     | MKH 2160 | 25,0          | 200 LB6 | 244-245              |
|                                               | 49,0                                          | 4116                                    | 1,21                                     |          | 20,4          | 200 LB6 |                      |
|                                               | 60,0                                          | 3363                                    | 1,74                                     |          | 25,0          | 180 L4  |                      |
|                                               | 63,5                                          | 3178                                    | 1,69                                     |          | 15,8          | 200 LB6 |                      |
|                                               | 73,5                                          | 2744                                    | 1,75                                     |          | 20,4          | 180 L4  |                      |
|                                               | 77,8                                          | 2593                                    | 2,01                                     |          | 12,9          | 200 LB6 |                      |
|                                               | 95,2                                          | 2119                                    | 2,43                                     |          | 15,8          | 180 L4  |                      |
|                                               | 117                                           | 1729                                    | 2,89                                     |          | 12,9          | 180 L4  |                      |
|                                               | 48,0                                          | 4117                                    | 0,97                                     | MKH 3140 | 31,2          | 180 L4  | 260-261              |
|                                               | 58,3                                          | 3393                                    | 1,05                                     |          | 25,7          | 180 L4  |                      |
|                                               | 62,9                                          | 3208                                    | 0,95                                     | MKH 2140 | 15,9          | 200 LB6 | 242-243              |
|                                               | 82,8                                          | 2438                                    | 1,51                                     |          | 12,1          | 200 LB6 |                      |
|                                               | 94,3                                          | 2139                                    | 1,37                                     |          | 15,9          | 180 L4  |                      |
|                                               | 101                                           | 1992                                    | 1,50                                     |          | 9,87          | 200 LB6 |                      |
|                                               | 116                                           | 1745                                    | 1,37                                     |          | 13,0          | 180 L4  |                      |
|                                               | 124                                           | 1625                                    | 2,17                                     |          | 12,1          | 180 L4  |                      |
|                                               | 134                                           | 1503                                    | 1,50                                     |          | 7,45          | 200 LB6 |                      |
|                                               | 152                                           | 1328                                    | 2,17                                     | MKH 2125 | 9,87          | 180 L4  | 240-241              |
|                                               | 201                                           | 1002                                    | 2,17                                     |          | 7,45          | 180 L4  |                      |
|                                               | 87,1                                          | 2316                                    | 1,27                                     |          | 11,5          | 200 LB6 |                      |
|                                               | 99,3                                          | 2033                                    | 1,13                                     |          | 15,1          | 180 L4  |                      |
|                                               | 100                                           | 2026                                    | 1,46                                     |          | 10,0          | 200 LB6 |                      |
|                                               | 113                                           | 1778                                    | 1,27                                     |          | 13,2          | 180 L4  |                      |
|                                               | 129                                           | 1568                                    | 1,51                                     |          | 7,77          | 200 LB6 |                      |
|                                               | 131                                           | 1544                                    | 1,83                                     | MKH 3360 | 11,5          | 180 L4  | 274-275              |
|                                               | 149                                           | 1351                                    | 2,11                                     |          | 10,0          | 180 L4  |                      |
|                                               | 167                                           | 1207                                    | 1,51                                     |          | 5,98          | 200 LB6 |                      |
|                                               | 193                                           | 1045                                    | 2,18                                     |          | 7,77          | 180 L4  |                      |
|                                               | 251                                           | 804                                     | 2,18                                     |          | 5,98          | 180 L4  |                      |
| 30                                            | 7,92                                          | 34052                                   | 2,17                                     | MKH 3320 | 126           | 225 M6  | 272-273              |
|                                               | 7,81                                          | 34518                                   | 1,61                                     |          | 128           | 225 M6  |                      |
|                                               | 9,48                                          | 28454                                   | 2,21                                     |          | 106           | 225 M6  |                      |
|                                               | 9,76                                          | 27623                                   | 1,96                                     |          | 102           | 225 M6  |                      |
|                                               | 11,7                                          | 23012                                   | 2,33                                     |          | 128           | 200 L4  |                      |
|                                               | 12,5                                          | 21489                                   | 2,45                                     |          | 79,7          | 225 M6  |                      |
|                                               | 14,2                                          | 18969                                   | 3,19                                     |          | 106           | 200 L4  |                      |
|                                               | 14,6                                          | 18415                                   | 2,82                                     | MKH 3280 | 102           | 200 L4  |                      |
|                                               | 9,55                                          | 28235                                   | 1,29                                     |          | 105           | 225 M6  | 272-273              |
|                                               | 10,0                                          | 26992                                   | 1,42                                     |          | 100           | 225 M6  |                      |
|                                               | 11,9                                          | 22662                                   | 1,84                                     |          | 84,0          | 225 M6  |                      |
|                                               | 12,0                                          | 22421                                   | 1,61                                     |          | 125           | 200 L4  |                      |

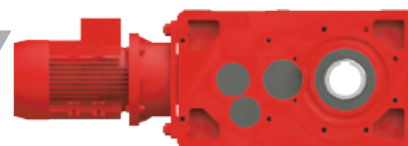
| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|--------|----------------------|
| 30                                            | 12,3                                          | 21874                                   | 1,63                                     | MKH 3280 | 81,1          | 225 M6 | 272-273              |
|                                               | 12,5                                          | 21524                                   | 1,65                                     |          | 79,8          | 225 M6 |                      |
|                                               | 14,3                                          | 18823                                   | 1,86                                     |          | 105           | 200 L4 |                      |
|                                               | 14,9                                          | 18069                                   | 1,97                                     |          | 67,0          | 225 M6 |                      |
|                                               | 15,0                                          | 17995                                   | 2,04                                     |          | 100           | 200 L4 |                      |
|                                               | 15,6                                          | 17277                                   | 2,24                                     |          | 64,1          | 225 M6 |                      |
|                                               | 17,8                                          | 15108                                   | 2,65                                     |          | 84,0          | 200 L4 |                      |
|                                               | 18,5                                          | 14583                                   | 2,35                                     |          | 81,1          | 200 L4 |                      |
|                                               | 18,8                                          | 14349                                   | 2,38                                     |          | 79,8          | 200 L4 |                      |
|                                               | 22,4                                          | 12046                                   | 2,85                                     |          | 67,0          | 200 L4 |                      |
|                                               | 23,4                                          | 11518                                   | 3,23                                     |          | 64,1          | 200 L4 |                      |
|                                               | 10,0                                          | 26965                                   | 1,08                                     | MKH 3250 | 100           | 225 M6 | 270-271              |
|                                               | 11,9                                          | 22640                                   | 1,25                                     |          | 84,0          | 225 M6 |                      |
|                                               | 12,0                                          | 22466                                   | 1,12                                     |          | 125           | 200 L4 |                      |
|                                               | 12,3                                          | 21904                                   | 1,13                                     |          | 81,2          | 225 M6 |                      |
|                                               | 12,5                                          | 21567                                   | 1,15                                     |          | 80,0          | 225 M6 |                      |
|                                               | 14,3                                          | 18861                                   | 1,30                                     |          | 105           | 200 L4 |                      |
|                                               | 14,9                                          | 18107                                   | 1,37                                     |          | 67,2          | 225 M6 |                      |
|                                               | 15,0                                          | 17977                                   | 1,56                                     |          | 100           | 200 L4 |                      |
|                                               | 15,6                                          | 17258                                   | 1,61                                     |          | 64,0          | 225 M6 |                      |
|                                               | 17,9                                          | 15093                                   | 1,81                                     |          | 84,0          | 200 L4 |                      |
|                                               | 18,5                                          | 14603                                   | 1,63                                     |          | 81,2          | 200 L4 |                      |
|                                               | 18,6                                          | 14488                                   | 1,92                                     | MKH 3225 | 53,7          | 225 M6 | 268-269              |
|                                               | 18,8                                          | 14378                                   | 1,66                                     |          | 80,0          | 200 L4 |                      |
|                                               | 19,4                                          | 13933                                   | 2,00                                     |          | 51,7          | 225 M6 |                      |
|                                               | 22,3                                          | 12071                                   | 1,98                                     |          | 67,2          | 200 L4 |                      |
|                                               | 23,1                                          | 11697                                   | 2,39                                     |          | 43,4          | 225 M6 |                      |
|                                               | 23,4                                          | 11505                                   | 2,32                                     |          | 64,0          | 200 L4 |                      |
|                                               | 23,8                                          | 11317                                   | 2,21                                     |          | 42,0          | 225 M6 |                      |
|                                               | 27,9                                          | 9659                                    | 2,77                                     |          | 53,7          | 200 L4 |                      |
|                                               | 29,0                                          | 9289                                    | 2,88                                     |          | 51,7          | 200 L4 |                      |
|                                               | 15,2                                          | 17687                                   | 1,01                                     | MKH 2225 | 98,4          | 200 L4 | 250-251              |
|                                               | 16,1                                          | 16735                                   | 1,09                                     |          | 62,1          | 225 M6 |                      |
|                                               | 17,7                                          | 15205                                   | 1,15                                     |          | 84,6          | 200 L4 |                      |
|                                               | 18,7                                          | 14386                                   | 1,27                                     |          | 53,4          | 225 M6 |                      |
|                                               | 18,9                                          | 14232                                   | 1,06                                     |          | 79,2          | 200 L4 |                      |
|                                               | 20,0                                          | 13465                                   | 1,12                                     |          | 74,9          | 200 L4 |                      |
|                                               | 20,0                                          | 13464                                   | 1,18                                     |          | 49,9          | 225 M6 |                      |
|                                               | 23,3                                          | 11575                                   | 1,31                                     |          | 64,4          | 200 L4 |                      |
|                                               | 24,2                                          | 11156                                   | 1,57                                     |          | 62,1          | 200 L4 |                      |
|                                               | 24,2                                          | 11155                                   | 1,47                                     |          | 41,4          | 225 M6 |                      |
|                                               | 25,3                                          | 10673                                   | 1,49                                     |          | 39,6          | 225 M6 |                      |
|                                               | 28,1                                          | 9591                                    | 1,82                                     |          | 53,4          | 200 L4 |                      |
|                                               | 30,0                                          | 8976                                    | 1,70                                     |          | 49,9          | 200 L4 |                      |
|                                               | 30,5                                          | 8845                                    | 1,90                                     |          | 32,8          | 225 M6 |                      |
|                                               | 36,3                                          | 7437                                    | 2,12                                     |          | 41,4          | 200 L4 |                      |
|                                               | 37,6                                          | 7181                                    | 2,32                                     |          | 26,6          | 225 M6 |                      |
|                                               | 37,9                                          | 7115                                    | 2,15                                     |          | 39,6          | 200 L4 |                      |
|                                               | 45,7                                          | 5896                                    | 2,75                                     |          | 32,8          | 200 L4 |                      |
|                                               | 40,0                                          | 6879                                    | 1,89                                     |          | 25,0          | 225 M6 |                      |



| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|--------|----------------------|
| 30                                            | 48,3                                          | 5698                                    | 1,88                                     | MKH 2225 | 20,7          | 225 M6 | 250-251              |
|                                               | 60,0                                          | 4586                                    | 2,73                                     |          | 25,0          | 200 L4 |                      |
|                                               | 72,4                                          | 3799                                    | 2,72                                     |          | 20,7          | 200 L4 |                      |
|                                               | 23,7                                          | 11397                                   | 0,97                                     | MKH 3200 | 63,4          | 200 L4 | 266-267              |
|                                               | 24,2                                          | 11131                                   | 1,19                                     |          | 41,3          | 225 M6 |                      |
|                                               | 24,2                                          | 11131                                   | 1,14                                     |          | 61,9          | 200 L4 |                      |
|                                               | 25,7                                          | 10508                                   | 1,10                                     |          | 39,0          | 225 M6 |                      |
|                                               | 28,2                                          | 9569                                    | 1,33                                     |          | 53,2          | 200 L4 |                      |
|                                               | 30,5                                          | 8839                                    | 1,25                                     |          | 49,2          | 200 L4 |                      |
|                                               | 30,6                                          | 8826                                    | 1,51                                     |          | 32,7          | 225 M6 |                      |
|                                               | 36,3                                          | 7421                                    | 1,72                                     |          | 41,3          | 200 L4 |                      |
|                                               | 37,6                                          | 7165                                    | 1,81                                     |          | 26,6          | 225 M6 |                      |
|                                               | 38,5                                          | 7006                                    | 1,58                                     |          | 39,0          | 200 L4 |                      |
|                                               | 45,8                                          | 5884                                    | 2,17                                     |          | 32,7          | 200 L4 |                      |
|                                               | 40,7                                          | 6769                                    | 1,72                                     | MKH 2200 | 24,6          | 225 M6 | 248-249              |
|                                               | 48,4                                          | 5687                                    | 1,90                                     |          | 20,7          | 225 M6 |                      |
|                                               | 61,0                                          | 4513                                    | 2,48                                     |          | 24,6          | 200 L4 |                      |
|                                               | 29,8                                          | 9051                                    | 0,97                                     | MKH 3180 | 50,4          | 200 L4 | 264-265              |
|                                               | 31,5                                          | 8567                                    | 0,98                                     |          | 31,8          | 225 M6 |                      |
|                                               | 34,0                                          | 7925                                    | 1,11                                     |          | 29,4          | 225 M6 |                      |
|                                               | 35,9                                          | 7521                                    | 1,00                                     |          | 41,8          | 200 L4 |                      |
|                                               | 38,8                                          | 6957                                    | 1,01                                     |          | 38,7          | 200 L4 |                      |
|                                               | 40,9                                          | 6588                                    | 1,12                                     |          | 24,4          | 225 M6 |                      |
|                                               | 47,2                                          | 5711                                    | 1,42                                     |          | 31,8          | 200 L4 |                      |
|                                               | 51,0                                          | 5283                                    | 1,60                                     |          | 29,4          | 200 L4 |                      |
|                                               | 61,4                                          | 4392                                    | 1,62                                     |          | 24,4          | 200 L4 |                      |
|                                               | 60,9                                          | 4516                                    | 1,30                                     | MKH 2180 | 24,6          | 200 L4 | 246-247              |
|                                               | 64,4                                          | 4273                                    | 1,46                                     |          | 15,5          | 225 M6 |                      |
|                                               | 73,3                                          | 3753                                    | 1,29                                     |          | 20,5          | 200 L4 |                      |
|                                               | 77,5                                          | 3549                                    | 1,47                                     |          | 12,9          | 225 M6 |                      |
|                                               | 81,2                                          | 3387                                    | 2,30                                     |          | 12,3          | 225 M6 |                      |
|                                               | 96,6                                          | 2849                                    | 2,11                                     |          | 15,5          | 200 L4 |                      |
|                                               | 97,8                                          | 2815                                    | 2,36                                     |          | 10,2          | 225 M6 |                      |
|                                               | 116                                           | 2366                                    | 2,12                                     |          | 12,9          | 200 L4 |                      |
|                                               | 130                                           | 2113                                    | 2,36                                     |          | 7,68          | 225 M6 |                      |
|                                               | 41,0                                          | 6577                                    | 1,03                                     | MKH 3160 | 24,4          | 225 M6 | 262-263              |
|                                               | 47,3                                          | 5702                                    | 1,12                                     |          | 31,7          | 200 L4 |                      |
|                                               | 61,5                                          | 4385                                    | 1,48                                     |          | 24,4          | 200 L4 |                      |
|                                               | 60,0                                          | 4586                                    | 1,28                                     | MKH 2160 | 25,0          | 200 L4 | 244-245              |
|                                               | 63,5                                          | 4334                                    | 1,24                                     |          | 15,8          | 225 M6 |                      |
|                                               | 73,5                                          | 3742                                    | 1,28                                     |          | 20,4          | 200 L4 |                      |
|                                               | 77,8                                          | 3536                                    | 1,47                                     |          | 12,9          | 225 M6 |                      |
|                                               | 95,2                                          | 2889                                    | 1,78                                     |          | 15,8          | 200 L4 |                      |
|                                               | 98,0                                          | 2807                                    | 2,32                                     |          | 10,2          | 225 M6 |                      |
|                                               | 117                                           | 2357                                    | 2,12                                     |          | 12,9          | 200 L4 |                      |
|                                               | 126                                           | 2182                                    | 2,36                                     |          | 7,93          | 225 M6 |                      |
|                                               | 156                                           | 1769                                    | 2,35                                     |          | 6,43          | 225 M6 |                      |
|                                               | 82,8                                          | 3324                                    | 1,10                                     | MKH 2140 | 12,1          | 225 M6 | 242-243              |
|                                               | 94,3                                          | 2917                                    | 1,00                                     |          | 15,9          | 200 L4 |                      |
|                                               | 101                                           | 2716                                    | 1,10                                     |          | 9,87          | 225 M6 |                      |

| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|--------|----------------------|
| 30                                            | 116                                           | 2379                                    | 1,00                                     | MKH 2140 | 13,0          | 200 L4 | 242-243              |
|                                               | 124                                           | 2216                                    | 1,59                                     |          | 12,1          | 200 L4 |                      |
|                                               | 134                                           | 2050                                    | 1,10                                     |          | 7,45          | 225 M6 |                      |
|                                               | 152                                           | 1811                                    | 1,59                                     |          | 9,87          | 200 L4 |                      |
|                                               | 201                                           | 1367                                    | 1,59                                     |          | 7,45          | 200 L4 |                      |
|                                               | 131                                           | 2106                                    | 1,34                                     | MKH 2125 | 11,5          | 200 L4 | 240-241              |
|                                               | 149                                           | 1842                                    | 1,55                                     |          | 10,0          | 200 L4 |                      |
|                                               | 193                                           | 1425                                    | 1,60                                     |          | 7,77          | 200 L4 |                      |
|                                               | 251                                           | 1097                                    | 1,60                                     |          | 5,98          | 200 L4 |                      |
|                                               | 7,92                                          | 41997                                   | 1,76                                     | MKH 3360 | 126           | 250 M6 | 276-277              |
|                                               | 9,23                                          | 36041                                   | 2,12                                     |          | 108           | 250 M6 |                      |
|                                               | 9,90                                          | 33606                                   | 2,20                                     |          | 101           | 250 M6 |                      |
|                                               | 11,5                                          | 28840                                   | 2,30                                     |          | 86,7          | 250 M6 |                      |
|                                               | 11,9                                          | 27998                                   | 2,54                                     |          | 126           | 225 S4 |                      |
|                                               | 13,8                                          | 24027                                   | 3,06                                     |          | 108           | 225 S4 |                      |
| 37                                            | 7,81                                          | 42572                                   | 1,31                                     | MKH 3320 | 128           | 250 M6 | 274-275              |
|                                               | 9,48                                          | 35093                                   | 1,80                                     |          | 106           | 250 M6 |                      |
|                                               | 9,76                                          | 34068                                   | 1,59                                     |          | 102           | 250 M6 |                      |
|                                               | 11,7                                          | 28382                                   | 1,89                                     |          | 128           | 225 S4 |                      |
|                                               | 11,8                                          | 28082                                   | 2,18                                     |          | 84,4          | 250 M6 |                      |
|                                               | 12,5                                          | 26503                                   | 1,99                                     |          | 79,7          | 250 M6 |                      |
|                                               | 14,2                                          | 23395                                   | 2,59                                     |          | 106           | 225 S4 |                      |
|                                               | 14,6                                          | 22712                                   | 2,29                                     |          | 102           | 225 S4 |                      |
|                                               | 15,7                                          | 21208                                   | 2,50                                     |          | 63,8          | 250 M6 |                      |
|                                               | 17,8                                          | 18721                                   | 3,14                                     |          | 84,4          | 225 S4 |                      |
|                                               | 18,8                                          | 17668                                   | 2,87                                     |          | 79,7          | 225 S4 |                      |
|                                               | 9,55                                          | 34823                                   | 1,05                                     | MKH 3280 | 105           | 250 M6 | 272-273              |
|                                               | 10,0                                          | 33290                                   | 1,15                                     |          | 100           | 250 M6 |                      |
|                                               | 11,9                                          | 27949                                   | 1,49                                     |          | 84,0          | 250 M6 |                      |
|                                               | 12,0                                          | 27652                                   | 1,30                                     |          | 125           | 225 S4 |                      |
|                                               | 12,3                                          | 26978                                   | 1,32                                     |          | 81,1          | 250 M6 |                      |
|                                               | 12,5                                          | 26546                                   | 1,34                                     |          | 79,8          | 250 M6 |                      |
|                                               | 14,3                                          | 23216                                   | 1,51                                     |          | 105           | 225 S4 |                      |
|                                               | 14,9                                          | 22286                                   | 1,60                                     |          | 67,0          | 250 M6 |                      |
|                                               | 15,0                                          | 22194                                   | 1,66                                     |          | 100           | 225 S4 |                      |
|                                               | 15,6                                          | 21308                                   | 1,81                                     |          | 64,1          | 250 M6 |                      |
|                                               | 17,8                                          | 18633                                   | 2,15                                     | MKH 3250 | 84,0          | 225 S4 | 270-271              |
|                                               | 18,5                                          | 17985                                   | 1,90                                     |          | 81,1          | 225 S4 |                      |
|                                               | 18,6                                          | 17889                                   | 2,27                                     |          | 53,8          | 250 M6 |                      |
|                                               | 18,8                                          | 17697                                   | 1,93                                     |          | 79,8          | 225 S4 |                      |
|                                               | 19,3                                          | 17201                                   | 2,25                                     |          | 51,7          | 250 M6 |                      |
|                                               | 22,4                                          | 14857                                   | 2,31                                     |          | 67,0          | 225 S4 |                      |
|                                               | 23,4                                          | 14205                                   | 2,62                                     |          | 64,1          | 225 S4 |                      |
|                                               | 11,9                                          | 27923                                   | 1,02                                     |          | 84,0          | 250 M6 |                      |
|                                               | 14,3                                          | 23262                                   | 1,06                                     |          | 105           | 225 S4 |                      |
|                                               | 14,9                                          | 22332                                   | 1,11                                     |          | 67,2          | 250 M6 |                      |
|                                               | 15,0                                          | 22171                                   | 1,26                                     |          | 100           | 225 S4 |                      |
|                                               | 15,6                                          | 21284                                   | 1,30                                     |          | 64,0          | 250 M6 |                      |
|                                               | 17,9                                          | 18615                                   | 1,47                                     |          | 84,0          | 225 S4 |                      |
|                                               | 18,5                                          | 18010                                   | 1,32                                     |          | 81,2          | 225 S4 |                      |

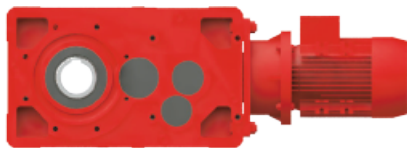




| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|--------|----------------------|
| 37                                            | 18,6                                          | 17869                                   | 1,56                                     | MKH 3250 | 53,7          | 250 M6 | 270-271              |
|                                               | 18,8                                          | 17733                                   | 1,35                                     |          | 80,0          | 225 S4 |                      |
|                                               | 19,4                                          | 17184                                   | 1,62                                     |          | 51,7          | 250 M6 |                      |
|                                               | 22,3                                          | 14888                                   | 1,61                                     |          | 67,2          | 225 S4 |                      |
|                                               | 23,1                                          | 14427                                   | 1,94                                     |          | 43,4          | 250 M6 |                      |
|                                               | 23,4                                          | 14190                                   | 1,88                                     |          | 64,0          | 225 S4 |                      |
|                                               | 23,8                                          | 13958                                   | 1,80                                     |          | 42,0          | 250 M6 |                      |
|                                               | 27,9                                          | 11913                                   | 2,25                                     |          | 53,7          | 225 S4 |                      |
|                                               | 29,0                                          | 11456                                   | 2,34                                     |          | 51,7          | 225 S4 |                      |
|                                               | 29,8                                          | 11168                                   | 2,51                                     |          | 33,6          | 250 M6 |                      |
|                                               | 34,6                                          | 9618                                    | 2,80                                     |          | 43,4          | 225 S4 |                      |
|                                               | 35,7                                          | 9305                                    | 2,59                                     |          | 42,0          | 225 S4 |                      |
|                                               | 18,7                                          | 17743                                   | 1,03                                     | MKH 3225 | 53,4          | 250 M6 | 268-269              |
|                                               | 23,3                                          | 14276                                   | 1,06                                     |          | 64,4          | 225 S4 |                      |
|                                               | 24,2                                          | 13760                                   | 1,27                                     |          | 62,1          | 225 S4 |                      |
|                                               | 24,2                                          | 13758                                   | 1,19                                     |          | 41,4          | 250 M6 |                      |
|                                               | 25,3                                          | 13163                                   | 1,21                                     |          | 39,6          | 250 M6 |                      |
|                                               | 28,1                                          | 11828                                   | 1,48                                     |          | 53,4          | 225 S4 |                      |
|                                               | 30,0                                          | 11070                                   | 1,38                                     |          | 49,9          | 225 S4 |                      |
|                                               | 30,5                                          | 10908                                   | 1,54                                     |          | 32,8          | 250 M6 |                      |
|                                               | 36,3                                          | 9172                                    | 1,72                                     |          | 41,4          | 225 S4 |                      |
|                                               | 37,6                                          | 8856                                    | 1,88                                     |          | 26,6          | 250 M6 |                      |
|                                               | 37,9                                          | 8775                                    | 1,74                                     |          | 39,6          | 225 S4 |                      |
|                                               | 45,7                                          | 7272                                    | 2,23                                     |          | 32,8          | 225 S4 |                      |
|                                               | 56,3                                          | 5904                                    | 2,71                                     |          | 26,6          | 225 S4 |                      |
|                                               | 40,0                                          | 8484                                    | 1,53                                     | MKH 2225 | 25,0          | 250 M6 | 250-251              |
|                                               | 48,3                                          | 7028                                    | 1,53                                     |          | 20,7          | 250 M6 |                      |
|                                               | 60,0                                          | 5656                                    | 2,21                                     |          | 25,0          | 225 S4 |                      |
|                                               | 72,4                                          | 4685                                    | 2,20                                     |          | 20,7          | 225 S4 |                      |
|                                               | 28,2                                          | 11802                                   | 1,08                                     | MKH 3200 | 53,2          | 225 S4 | 266-267              |
|                                               | 30,5                                          | 10902                                   | 1,01                                     |          | 49,2          | 225 S4 |                      |
|                                               | 30,6                                          | 10885                                   | 1,22                                     |          | 32,7          | 250 M6 |                      |
|                                               | 36,3                                          | 9152                                    | 1,39                                     |          | 41,3          | 225 S4 |                      |
|                                               | 37,6                                          | 8836                                    | 1,47                                     |          | 26,6          | 250 M6 |                      |
|                                               | 38,5                                          | 8640                                    | 1,28                                     |          | 39,0          | 225 S4 |                      |
|                                               | 45,8                                          | 7257                                    | 1,76                                     |          | 32,7          | 225 S4 |                      |
|                                               | 56,5                                          | 5891                                    | 2,12                                     |          | 26,6          | 225 S4 |                      |
|                                               | 40,7                                          | 8348                                    | 1,40                                     | MKH 2200 | 24,6          | 250 M6 | 248-249              |
|                                               | 48,4                                          | 7015                                    | 1,54                                     |          | 20,7          | 250 M6 |                      |
|                                               | 61,0                                          | 5565                                    | 2,01                                     |          | 24,6          | 225 S4 |                      |
|                                               | 63,5                                          | 5341                                    | 2,20                                     |          | 15,7          | 250 M6 |                      |
|                                               | 72,6                                          | 4676                                    | 2,22                                     |          | 20,7          | 225 S4 |                      |
|                                               | 75,6                                          | 4490                                    | 2,45                                     |          | 13,2          | 250 M6 |                      |
|                                               | 47,2                                          | 7044                                    | 1,15                                     |          | 31,8          | 225 S4 |                      |
|                                               | 51,0                                          | 6516                                    | 1,30                                     | MKH 3180 | 29,4          | 225 S4 | 264-265              |
|                                               | 61,4                                          | 5416                                    | 1,31                                     |          | 24,4          | 225 S4 |                      |
|                                               | 60,9                                          | 5570                                    | 1,05                                     | MKH 2180 | 24,6          | 225 S4 | 246-247              |
|                                               | 64,4                                          | 5270                                    | 1,18                                     |          | 15,5          | 250 M6 |                      |
|                                               | 73,3                                          | 4629                                    | 1,05                                     |          | 20,5          | 225 S4 |                      |
|                                               | 77,5                                          | 4378                                    | 1,19                                     |          | 12,9          | 250 M6 |                      |

| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|--------|----------------------|
| 37                                            | 81,2                                          | 4177                                    | 1,87                                     | MKH 2180 | 12,3          | 250 M6 | 246-247              |
|                                               | 96,6                                          | 3513                                    | 1,71                                     |          | 15,5          | 225 S4 |                      |
|                                               | 97,8                                          | 3472                                    | 1,92                                     |          | 10,2          | 250 M6 |                      |
|                                               | 116                                           | 2918                                    | 1,72                                     |          | 12,9          | 225 S4 |                      |
|                                               | 122                                           | 2785                                    | 2,69                                     |          | 12,3          | 225 S4 |                      |
|                                               | 130                                           | 2606                                    | 1,92                                     |          | 7,68          | 250 M6 |                      |
|                                               | 147                                           | 2314                                    | 2,77                                     |          | 10,2          | 225 S4 |                      |
|                                               | 195                                           | 1738                                    | 2,76                                     |          | 7,68          | 225 S4 |                      |
|                                               | 61,5                                          | 5408                                    | 1,20                                     | MKH 3160 | 24,4          | 225 S4 | 262-263              |
|                                               | 60,0                                          | 5656                                    | 1,03                                     |          | 25,0          | 225 S4 |                      |
|                                               | 63,5                                          | 5345                                    | 1,00                                     |          | 15,8          | 250 M6 |                      |
|                                               | 73,5                                          | 4615                                    | 1,04                                     |          | 20,4          | 225 S4 |                      |
|                                               | 77,8                                          | 4361                                    | 1,19                                     |          | 12,9          | 250 M6 |                      |
|                                               | 95,2                                          | 3563                                    | 1,45                                     |          | 15,8          | 225 S4 |                      |
|                                               | 98,0                                          | 3461                                    | 1,88                                     | MKH 2160 | 10,2          | 250 M6 | 244-245              |
|                                               | 117                                           | 2907                                    | 1,72                                     |          | 12,9          | 225 S4 |                      |
|                                               | 126                                           | 2691                                    | 1,91                                     |          | 7,93          | 250 M6 |                      |
|                                               | 147                                           | 2308                                    | 2,71                                     |          | 10,2          | 225 S4 |                      |
|                                               | 156                                           | 2182                                    | 1,91                                     |          | 6,43          | 250 M6 |                      |
|                                               | 189                                           | 1794                                    | 2,76                                     |          | 7,93          | 225 S4 |                      |
|                                               | 233                                           | 1455                                    | 2,75                                     |          | 6,43          | 225 S4 |                      |
| 45                                            | 7,92                                          | 51077                                   | 1,45                                     | MKH 3360 | 126           | 280 S6 | 276-277              |
|                                               | 9,23                                          | 43833                                   | 1,74                                     |          | 108           | 280 S6 |                      |
|                                               | 9,90                                          | 40872                                   | 1,81                                     |          | 101           | 280 S6 |                      |
|                                               | 11,5                                          | 35076                                   | 1,89                                     |          | 86,7          | 280 S6 |                      |
|                                               | 11,9                                          | 34052                                   | 2,09                                     |          | 126           | 225 M4 |                      |
|                                               | 12,7                                          | 31800                                   | 2,28                                     |          | 78,6          | 280 S6 |                      |
|                                               | 13,8                                          | 29222                                   | 2,51                                     |          | 108           | 225 M4 |                      |
|                                               | 14,8                                          | 27248                                   | 2,61                                     |          | 101           | 225 M4 |                      |
|                                               | 17,3                                          | 23384                                   | 2,72                                     |          | 86,7          | 225 M4 |                      |
|                                               | 19,1                                          | 21200                                   | 3,29                                     |          | 78,6          | 225 M4 |                      |
|                                               | 7,81                                          | 51777                                   | 1,08                                     | MKH 3320 | 128           | 280 S6 | 274-275              |
|                                               | 9,48                                          | 42680                                   | 1,48                                     |          | 106           | 280 S6 |                      |
|                                               | 9,76                                          | 41435                                   | 1,31                                     |          | 102           | 280 S6 |                      |
|                                               | 11,7                                          | 34518                                   | 1,55                                     |          | 128           | 225 M4 |                      |
|                                               | 11,8                                          | 34154                                   | 1,79                                     |          | 84,4          | 280 S6 |                      |
|                                               | 12,5                                          | 32233                                   | 1,63                                     |          | 79,7          | 280 S6 |                      |
|                                               | 14,2                                          | 28454                                   | 2,13                                     |          | 106           | 225 M4 |                      |
|                                               | 14,6                                          | 27623                                   | 1,88                                     |          | 102           | 225 M4 |                      |
|                                               | 15,2                                          | 26574                                   | 2,23                                     |          | 65,7          | 280 S6 |                      |
|                                               | 15,7                                          | 25794                                   | 2,06                                     |          | 63,8          | 280 S6 |                      |
|                                               | 17,8                                          | 22769                                   | 2,58                                     | MKH 3280 | 84,4          | 225 M4 | 272-273              |
|                                               | 18,8                                          | 21489                                   | 2,36                                     |          | 79,7          | 225 M4 |                      |
|                                               | 22,8                                          | 17716                                   | 3,22                                     |          | 65,7          | 225 M4 |                      |
|                                               | 23,5                                          | 17196                                   | 2,97                                     |          | 63,8          | 225 M4 |                      |
|                                               | 11,9                                          | 33992                                   | 1,22                                     |          | 84,0          | 280 S6 |                      |
|                                               | 12,0                                          | 33631                                   | 1,07                                     |          | 125           | 225 M4 |                      |
|                                               | 12,3                                          | 32811                                   | 1,08                                     |          | 81,1          | 280 S6 |                      |
|                                               | 12,5                                          | 32285                                   | 1,10                                     |          | 79,8          | 280 S6 |                      |
|                                               | 14,3                                          | 28235                                   | 1,24                                     |          | 105           | 225 M4 |                      |



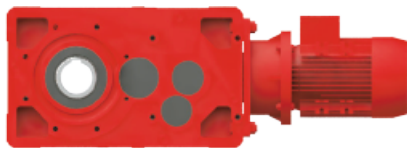


| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|--------|----------------------|
| 45                                            | 14,9                                          | 27104                                   | 1,32                                     | MKH 3280 | 67,0          | 280 S6 | 272-273              |
|                                               | 15,0                                          | 26992                                   | 1,36                                     |          | 100           | 225 M4 |                      |
|                                               | 15,6                                          | 25915                                   | 1,49                                     |          | 64,1          | 280 S6 |                      |
|                                               | 17,8                                          | 22662                                   | 1,77                                     |          | 84,0          | 225 M4 |                      |
|                                               | 18,5                                          | 21874                                   | 1,56                                     |          | 81,1          | 225 M4 |                      |
|                                               | 18,6                                          | 21757                                   | 1,86                                     |          | 53,8          | 280 S6 |                      |
|                                               | 18,8                                          | 21524                                   | 1,59                                     |          | 79,8          | 225 M4 |                      |
|                                               | 19,3                                          | 20920                                   | 1,85                                     |          | 51,7          | 280 S6 |                      |
|                                               | 22,4                                          | 18069                                   | 1,90                                     |          | 67,0          | 225 M4 |                      |
|                                               | 23,0                                          | 17562                                   | 2,21                                     |          | 43,4          | 280 S6 |                      |
|                                               | 23,4                                          | 17277                                   | 2,15                                     |          | 64,1          | 225 M4 |                      |
|                                               | 23,9                                          | 16940                                   | 2,15                                     |          | 41,9          | 280 S6 |                      |
|                                               | 27,9                                          | 14505                                   | 2,69                                     | MKH 3250 | 53,8          | 225 M4 | 270-271              |
|                                               | 29,0                                          | 13946                                   | 2,67                                     |          | 51,7          | 225 M4 |                      |
|                                               | 15,0                                          | 26965                                   | 1,04                                     |          | 100           | 225 M4 |                      |
|                                               | 15,6                                          | 25887                                   | 1,07                                     |          | 64,0          | 280 S6 |                      |
|                                               | 17,9                                          | 22640                                   | 1,21                                     |          | 84,0          | 225 M4 |                      |
|                                               | 18,5                                          | 21904                                   | 1,09                                     |          | 81,2          | 225 M4 |                      |
|                                               | 18,6                                          | 21733                                   | 1,28                                     |          | 53,7          | 280 S6 |                      |
|                                               | 18,8                                          | 21567                                   | 1,11                                     |          | 80,0          | 225 M4 |                      |
|                                               | 19,4                                          | 20899                                   | 1,33                                     |          | 51,7          | 280 S6 |                      |
|                                               | 22,3                                          | 18107                                   | 1,32                                     |          | 67,2          | 225 M4 |                      |
|                                               | 23,1                                          | 17546                                   | 1,59                                     |          | 43,4          | 280 S6 |                      |
|                                               | 23,4                                          | 17258                                   | 1,54                                     | MKH 2250 | 64,0          | 225 M4 | 252-253              |
|                                               | 23,8                                          | 16976                                   | 1,48                                     |          | 42,0          | 280 S6 |                      |
|                                               | 27,9                                          | 14488                                   | 1,85                                     |          | 53,7          | 225 M4 |                      |
|                                               | 29,0                                          | 13933                                   | 1,92                                     |          | 51,7          | 225 M4 |                      |
|                                               | 29,8                                          | 13582                                   | 2,07                                     |          | 33,6          | 280 S6 |                      |
|                                               | 34,6                                          | 11697                                   | 2,30                                     |          | 43,4          | 225 M4 |                      |
|                                               | 35,7                                          | 11317                                   | 2,13                                     |          | 42,0          | 225 M4 |                      |
|                                               | 44,7                                          | 9055                                    | 2,98                                     |          | 33,6          | 225 M4 |                      |
|                                               | 40,2                                          | 10269                                   | 2,43                                     | MKH 3225 | 24,9          | 280 S6 | 268-269              |
|                                               | 50,2                                          | 8217                                    | 2,44                                     |          | 19,9          | 280 S6 |                      |
|                                               | 24,2                                          | 16735                                   | 1,05                                     |          | 62,1          | 225 M4 |                      |
|                                               | 25,3                                          | 16009                                   | 0,99                                     |          | 39,6          | 280 S6 |                      |
|                                               | 28,1                                          | 14386                                   | 1,22                                     |          | 53,4          | 225 M4 |                      |
|                                               | 30,0                                          | 13464                                   | 1,13                                     |          | 49,9          | 225 M4 |                      |
|                                               | 30,5                                          | 13267                                   | 1,27                                     |          | 32,8          | 280 S6 |                      |
|                                               | 36,3                                          | 11155                                   | 1,42                                     |          | 41,4          | 225 M4 |                      |
|                                               | 37,6                                          | 10771                                   | 1,54                                     |          | 26,6          | 280 S6 |                      |
|                                               | 37,9                                          | 10673                                   | 1,43                                     |          | 39,6          | 225 M4 |                      |
|                                               | 45,7                                          | 8845                                    | 1,83                                     |          | 32,8          | 225 M4 |                      |
|                                               | 56,3                                          | 7181                                    | 2,23                                     |          | 26,6          | 225 M4 |                      |
|                                               | 40,0                                          | 10318                                   | 1,26                                     | MKH 2225 | 25,0          | 280 S6 | 250-251              |
|                                               | 48,3                                          | 8548                                    | 1,26                                     |          | 20,7          | 280 S6 |                      |
|                                               | 60,0                                          | 6879                                    | 1,82                                     |          | 25,0          | 225 M4 |                      |
|                                               | 62,5                                          | 6604                                    | 2,20                                     |          | 16,0          | 280 S6 |                      |
|                                               | 72,4                                          | 5698                                    | 1,81                                     |          | 20,7          | 225 M4 |                      |
|                                               | 75,4                                          | 5473                                    | 2,29                                     |          | 13,3          | 280 S6 |                      |
|                                               | 30,6                                          | 13239                                   | 1,00                                     | MKH 3200 | 32,7          | 280 S6 | 266-267              |
| 45                                            | 36,3                                          | 11131                                   | 1,15                                     | MKH 3200 | 41,3          | 225 M4 | 266-267              |
|                                               | 37,6                                          | 10747                                   | 1,21                                     |          | 26,6          | 280 S6 |                      |
|                                               | 38,5                                          | 10508                                   | 1,06                                     |          | 39,0          | 225 M4 |                      |
|                                               | 45,8                                          | 8826                                    | 1,45                                     |          | 32,7          | 225 M4 |                      |
|                                               | 56,5                                          | 7165                                    | 1,74                                     |          | 26,6          | 225 M4 |                      |
|                                               | 40,7                                          | 10153                                   | 1,15                                     | MKH 2200 | 24,6          | 280 S6 | 248-249              |
|                                               | 48,4                                          | 8531                                    | 1,27                                     |          | 20,7          | 280 S6 |                      |
|                                               | 61,0                                          | 6769                                    | 1,65                                     |          | 24,6          | 225 M4 |                      |
|                                               | 63,5                                          | 6496                                    | 1,81                                     |          | 15,7          | 280 S6 |                      |
|                                               | 72,6                                          | 5687                                    | 1,83                                     |          | 20,7          | 225 M4 |                      |
|                                               | 75,6                                          | 5460                                    | 2,01                                     |          | 13,2          | 280 S6 |                      |
|                                               | 78,7                                          | 5246                                    | 2,26                                     |          | 12,7          | 280 S6 |                      |
|                                               | 93,8                                          | 4400                                    | 2,56                                     |          | 10,7          | 280 S6 |                      |
|                                               | 51,0                                          | 7925                                    | 1,07                                     | MKH 3180 | 29,4          | 225 M4 | 264-265              |
|                                               | 61,4                                          | 6588                                    | 1,08                                     |          | 24,4          | 225 M4 |                      |
|                                               | 64,4                                          | 6410                                    | 0,97                                     | MKH 2180 | 15,5          | 280 S6 | 246-247              |
|                                               | 77,5                                          | 5324                                    | 0,98                                     |          | 12,9          | 280 S6 |                      |
|                                               | 81,2                                          | 5081                                    | 1,54                                     |          | 12,3          | 280 S6 |                      |
|                                               | 96,6                                          | 4273                                    | 1,40                                     |          | 15,5          | 225 M4 |                      |
|                                               | 97,8                                          | 4222                                    | 1,58                                     |          | 10,2          | 280 S6 |                      |
|                                               | 116                                           | 3549                                    | 1,41                                     |          | 12,9          | 225 M4 |                      |
|                                               | 122                                           | 3387                                    | 2,21                                     |          | 12,3          | 225 M4 |                      |
|                                               | 130                                           | 3170                                    | 1,57                                     |          | 7,68          | 280 S6 |                      |
|                                               | 147                                           | 2815                                    | 2,27                                     |          | 10,2          | 225 M4 |                      |
|                                               | 195                                           | 2113                                    | 2,27                                     |          | 7,68          | 225 M4 |                      |
|                                               | 61,5                                          | 6577                                    | 0,99                                     | MKH 3160 | 24,4          | 225 M4 | 262-263              |
|                                               | 77,8                                          | 5304                                    | 0,98                                     | MKH 2160 | 12,9          | 280 S6 | 244-245              |
|                                               | 95,2                                          | 4334                                    | 1,19                                     |          | 15,8          | 225 M4 |                      |
|                                               | 98,0                                          | 4210                                    | 1,54                                     |          | 10,2          | 280 S6 |                      |
|                                               | 117                                           | 3536                                    | 1,41                                     |          | 12,9          | 225 M4 |                      |
|                                               | 126                                           | 3273                                    | 1,57                                     |          | 7,93          | 280 S6 |                      |
|                                               | 147                                           | 2807                                    | 2,23                                     |          | 10,2          | 225 M4 |                      |
|                                               | 156                                           | 2654                                    | 1,57                                     |          | 6,43          | 280 S6 |                      |
|                                               | 189                                           | 2182                                    | 2,27                                     |          | 7,93          | 225 M4 |                      |
|                                               | 233                                           | 1769                                    | 2,26                                     |          | 6,43          | 225 M4 |                      |
| 55                                            | 7,92                                          | 62428                                   | 1,18                                     | MKH 3360 | 126           | 280 M6 | 276-277              |
|                                               | 9,23                                          | 53574                                   | 1,43                                     |          | 108           | 280 M6 |                      |
|                                               | 9,90                                          | 49955                                   | 1,48                                     |          | 101           | 280 M6 |                      |
|                                               | 11,5                                          | 42871                                   | 1,55                                     |          | 86,7          | 280 M6 |                      |
|                                               | 11,9                                          | 41619                                   | 1,71                                     |          | 126           | 250 M4 |                      |
|                                               | 12,7                                          | 38867                                   | 1,87                                     |          | 78,6          | 280 M6 |                      |
|                                               | 13,8                                          | 35716                                   | 2,06                                     |          | 108           | 250 M4 |                      |
|                                               | 14,8                                          | 33355                                   | 2,29                                     |          | 67,5          | 280 M6 |                      |
|                                               | 14,8                                          | 33303                                   | 2,13                                     |          | 101           | 250 M4 |                      |
|                                               | 15,9                                          | 31100                                   | 2,35                                     |          | 62,9          | 280 M6 |                      |
|                                               | 17,3                                          | 28581                                   | 2,23                                     |          | 86,7          | 250 M4 |                      |
|                                               | 19,1                                          | 25911                                   | 2,70                                     |          | 78,6          | 250 M4 |                      |
|                                               | 22,2                                          | 22236                                   | 3,30                                     |          | 67,5          | 250 M4 |                      |
|                                               | 23,8                                          | 20734                                   | 3,38                                     |          | 62,9          | 250 M4 |                      |
|                                               | 9,48                                          | 52165                                   | 1,21                                     | MKH 3320 | 106           | 280 M6 | 274-275              |



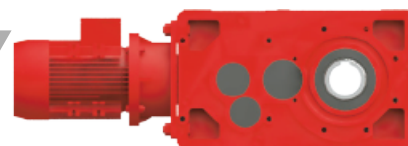
| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|--------|----------------------|
| 55                                            | 9,76                                          | 50642                                   | 1,07                                     | MKH 3320 | 102           | 280 M6 | 274-275              |
|                                               | 11,7                                          | 42189                                   | 1,27                                     |          | 128           | 250 M4 |                      |
|                                               | 11,8                                          | 41744                                   | 1,46                                     |          | 84,4          | 280 M6 |                      |
|                                               | 12,5                                          | 39396                                   | 1,34                                     |          | 79,7          | 280 M6 |                      |
|                                               | 14,2                                          | 34777                                   | 1,74                                     |          | 106           | 250 M4 |                      |
|                                               | 14,6                                          | 33762                                   | 1,54                                     |          | 102           | 250 M4 |                      |
|                                               | 15,2                                          | 32480                                   | 1,83                                     |          | 65,7          | 280 M6 |                      |
|                                               | 15,7                                          | 31525                                   | 1,68                                     |          | 63,8          | 280 M6 |                      |
|                                               | 17,8                                          | 27829                                   | 2,11                                     |          | 84,4          | 250 M4 |                      |
|                                               | 18,8                                          | 26264                                   | 1,93                                     |          | 79,7          | 250 M4 |                      |
|                                               | 19,0                                          | 25989                                   | 2,27                                     |          | 52,6          | 280 M6 |                      |
|                                               | 20,5                                          | 24145                                   | 2,20                                     |          | 48,8          | 280 M6 |                      |
|                                               | 22,8                                          | 21653                                   | 2,63                                     |          | 65,7          | 250 M4 |                      |
|                                               | 23,5                                          | 21017                                   | 2,43                                     |          | 63,8          | 250 M4 |                      |
|                                               | 28,5                                          | 17326                                   | 3,27                                     |          | 52,6          | 250 M4 |                      |
|                                               | 30,7                                          | 16096                                   | 3,17                                     |          | 48,8          | 250 M4 |                      |
|                                               | 11,9                                          | 41546                                   | 1,00                                     | MKH 3280 | 84,0          | 280 M6 | 272-273              |
|                                               | 14,3                                          | 34510                                   | 1,01                                     |          | 105           | 250 M4 |                      |
|                                               | 14,9                                          | 33127                                   | 1,08                                     |          | 67,0          | 280 M6 |                      |
|                                               | 15,0                                          | 32990                                   | 1,11                                     |          | 100           | 250 M4 |                      |
|                                               | 15,6                                          | 31674                                   | 1,22                                     |          | 64,1          | 280 M6 |                      |
|                                               | 17,8                                          | 27697                                   | 1,44                                     |          | 84,0          | 250 M4 |                      |
|                                               | 18,5                                          | 26735                                   | 1,28                                     |          | 81,1          | 250 M4 |                      |
|                                               | 18,6                                          | 26592                                   | 1,53                                     |          | 53,8          | 280 M6 |                      |
|                                               | 18,8                                          | 26307                                   | 1,30                                     |          | 79,8          | 250 M4 |                      |
|                                               | 19,3                                          | 25568                                   | 1,52                                     |          | 51,7          | 280 M6 |                      |
|                                               | 22,4                                          | 22085                                   | 1,55                                     |          | 67,0          | 250 M4 |                      |
|                                               | 23,0                                          | 21465                                   | 1,81                                     |          | 43,4          | 280 M6 |                      |
|                                               | 23,4                                          | 21116                                   | 1,76                                     |          | 64,1          | 250 M4 |                      |
|                                               | 23,9                                          | 20704                                   | 1,76                                     |          | 41,9          | 280 M6 |                      |
|                                               | 27,9                                          | 17728                                   | 2,20                                     |          | 53,8          | 250 M4 |                      |
|                                               | 29,0                                          | 17046                                   | 2,19                                     |          | 51,7          | 250 M4 |                      |
|                                               | 29,7                                          | 16620                                   | 2,47                                     |          | 33,6          | 280 M6 |                      |
|                                               | 34,5                                          | 14310                                   | 2,61                                     |          | 43,4          | 250 M4 |                      |
|                                               | 35,8                                          | 13803                                   | 2,54                                     |          | 41,9          | 250 M4 |                      |
|                                               | 38,1                                          | 12982                                   | 2,53                                     |          | 26,3          | 280 M6 |                      |
|                                               | 40,3                                          | 12525                                   | 2,52                                     | MKH 2280 | 24,8          | 280 M6 | 254-255              |
|                                               | 50,2                                          | 10054                                   | 2,51                                     |          | 19,9          | 280 M6 |                      |
|                                               | 18,6                                          | 26562                                   | 1,05                                     | MKH 3250 | 53,7          | 280 M6 | 270-271              |
|                                               | 19,4                                          | 25544                                   | 1,09                                     |          | 51,7          | 280 M6 |                      |
|                                               | 22,3                                          | 22131                                   | 1,08                                     |          | 67,2          | 250 M4 |                      |
|                                               | 23,1                                          | 21445                                   | 1,30                                     |          | 43,4          | 280 M6 |                      |
|                                               | 23,4                                          | 21093                                   | 1,26                                     |          | 64,0          | 250 M4 |                      |
|                                               | 23,8                                          | 20748                                   | 1,21                                     |          | 42,0          | 280 M6 |                      |
|                                               | 27,9                                          | 17708                                   | 1,51                                     |          | 53,7          | 250 M4 |                      |
|                                               | 29,0                                          | 17029                                   | 1,57                                     |          | 51,7          | 250 M4 |                      |
|                                               | 29,8                                          | 16601                                   | 1,69                                     |          | 33,6          | 280 M6 |                      |
|                                               | 34,6                                          | 14297                                   | 1,88                                     |          | 43,4          | 250 M4 |                      |
|                                               | 35,7                                          | 13832                                   | 1,74                                     |          | 42,0          | 250 M4 |                      |
|                                               | 38,1                                          | 12972                                   | 2,17                                     |          | 26,2          | 280 M6 |                      |

| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|--------|----------------------|
| 55                                            | 44,7                                          | 11067                                   | 2,44                                     | MKH 3250 | 33,6          | 250 M4 | 270-271              |
|                                               | 57,2                                          | 8648                                    | 3,13                                     |          | 26,2          | 250 M4 |                      |
|                                               | 40,2                                          | 12551                                   | 1,99                                     | MKH 2250 | 24,9          | 280 M6 | 252-253              |
|                                               | 50,2                                          | 10044                                   | 1,99                                     |          | 19,9          | 280 M6 |                      |
|                                               | 60,3                                          | 8367                                    | 2,87                                     |          | 24,9          | 250 M4 |                      |
|                                               | 75,3                                          | 6696                                    | 2,87                                     |          | 19,9          | 250 M4 |                      |
|                                               | 28,1                                          | 17583                                   | 1,00                                     |          | 53,4          | 250 M4 |                      |
|                                               | 30,5                                          | 16215                                   | 1,04                                     | MKH 3225 | 32,8          | 280 M6 | 268-269              |
|                                               | 36,3                                          | 13634                                   | 1,16                                     |          | 41,4          | 250 M4 |                      |
|                                               | 37,6                                          | 13165                                   | 1,26                                     |          | 26,6          | 280 M6 |                      |
|                                               | 37,9                                          | 13045                                   | 1,17                                     |          | 39,6          | 250 M4 |                      |
|                                               | 45,7                                          | 10810                                   | 1,50                                     |          | 32,8          | 250 M4 |                      |
|                                               | 56,3                                          | 8777                                    | 1,82                                     |          | 26,6          | 250 M4 |                      |
|                                               | 40,0                                          | 12611                                   | 1,03                                     |          | 25,0          | 280 M6 |                      |
|                                               | 48,3                                          | 10447                                   | 1,03                                     |          | 20,7          | 280 M6 |                      |
|                                               | 60,0                                          | 8408                                    | 1,49                                     | MKH 2225 | 25,0          | 250 M4 | 250-251              |
|                                               | 62,5                                          | 8071                                    | 1,80                                     |          | 16,0          | 280 M6 |                      |
|                                               | 72,4                                          | 6965                                    | 1,48                                     |          | 20,7          | 250 M4 |                      |
|                                               | 75,4                                          | 6689                                    | 1,87                                     |          | 13,3          | 280 M6 |                      |
|                                               | 77,4                                          | 6517                                    | 2,47                                     |          | 12,9          | 280 M6 |                      |
|                                               | 93,5                                          | 5398                                    | 2,52                                     |          | 10,7          | 280 M6 |                      |
|                                               | 93,8                                          | 5381                                    | 2,60                                     |          | 16,0          | 250 M4 |                      |
|                                               | 113                                           | 4459                                    | 2,70                                     |          | 13,3          | 250 M4 |                      |
|                                               | 45,8                                          | 10787                                   | 1,18                                     | MKH 3200 | 32,7          | 250 M4 | 266-267              |
|                                               | 56,5                                          | 8757                                    | 1,43                                     |          | 26,6          | 250 M4 |                      |
|                                               | 48,4                                          | 10427                                   | 1,04                                     | MKH 2200 | 20,7          | 280 M6 | 248-249              |
|                                               | 61,0                                          | 8273                                    | 1,35                                     |          | 24,6          | 250 M4 |                      |
|                                               | 63,5                                          | 7940                                    | 1,48                                     |          | 15,7          | 280 M6 |                      |
|                                               | 72,6                                          | 6951                                    | 1,50                                     |          | 20,7          | 250 M4 |                      |
|                                               | 75,6                                          | 6674                                    | 1,65                                     |          | 13,2          | 280 M6 |                      |
|                                               | 78,7                                          | 6412                                    | 1,85                                     |          | 12,7          | 280 M6 |                      |
|                                               | 93,8                                          | 5377                                    | 2,10                                     |          | 10,7          | 280 M6 |                      |
|                                               | 95,3                                          | 5293                                    | 2,14                                     |          | 15,7          | 250 M4 |                      |
|                                               | 113                                           | 4449                                    | 2,38                                     |          | 13,2          | 250 M4 |                      |
|                                               | 118                                           | 4274                                    | 2,66                                     |          | 12,7          | 250 M4 |                      |
|                                               | 121                                           | 4167                                    | 2,52                                     |          | 8,26          | 280 M6 |                      |
|                                               | 141                                           | 3585                                    | 3,03                                     |          | 10,7          | 250 M4 |                      |
|                                               | 155                                           | 3254                                    | 2,54                                     |          | 6,45          | 280 M6 |                      |
|                                               | 81,2                                          | 6210                                    | 1,26                                     |          | 12,3          | 280 M6 |                      |
|                                               | 96,6                                          | 5223                                    | 1,15                                     |          | 15,5          | 250 M4 |                      |
|                                               | 97,8                                          | 5161                                    | 1,29                                     | MKH 2180 | 10,2          | 280 M6 | 246-247              |
|                                               | 116                                           | 4338                                    | 1,16                                     |          | 12,9          | 250 M4 |                      |
|                                               | 122                                           | 4140                                    | 1,81                                     |          | 12,3          | 250 M4 |                      |
|                                               | 130                                           | 3874                                    | 1,29                                     |          | 7,68          | 280 M6 |                      |
|                                               | 147                                           | 3440                                    | 1,86                                     |          | 10,2          | 250 M4 |                      |
|                                               | 195                                           | 2583                                    | 1,86                                     |          | 7,68          | 250 M4 |                      |
| 75                                            | 9,23                                          | 73055                                   | 1,05                                     | MKH 3360 | 108           | 315 S6 | 276-277              |
|                                               | 9,90                                          | 68121                                   | 1,08                                     |          | 101           | 315 S6 |                      |
|                                               | 11,5                                          | 58460                                   | 1,13                                     |          | 86,7          | 315 S6 |                      |
|                                               | 11,9                                          | 56753                                   | 1,25                                     |          | 126           | 280 S4 |                      |



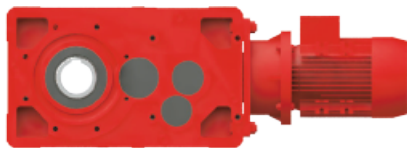
| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|--------|----------------------|
| 75                                            | 12,7                                          | 53000                                   | 1,37                                     | MKH 3360 | 78,6          | 315 S6 | 276-277              |
|                                               | 13,8                                          | 48704                                   | 1,51                                     |          | 108           | 280 S4 |                      |
|                                               | 14,8                                          | 45483                                   | 1,68                                     |          | 67,5          | 315 S6 |                      |
|                                               | 14,8                                          | 45414                                   | 1,56                                     |          | 101           | 280 S4 |                      |
|                                               | 15,9                                          | 42409                                   | 1,72                                     |          | 62,9          | 315 S6 |                      |
|                                               | 17,3                                          | 38974                                   | 1,63                                     |          | 86,7          | 280 S4 |                      |
|                                               | 18,5                                          | 36396                                   | 2,10                                     |          | 54,0          | 315 S6 |                      |
|                                               | 19,1                                          | 35333                                   | 1,98                                     |          | 78,6          | 280 S4 |                      |
|                                               | 20,8                                          | 32480                                   | 2,27                                     |          | 48,2          | 315 S6 |                      |
|                                               | 22,2                                          | 30322                                   | 2,42                                     |          | 67,5          | 280 S4 |                      |
|                                               | 23,8                                          | 28273                                   | 2,48                                     |          | 62,9          | 280 S4 |                      |
|                                               | 24,2                                          | 27868                                   | 2,43                                     |          | 41,3          | 315 S6 |                      |
|                                               | 27,8                                          | 24264                                   | 3,03                                     |          | 54,0          | 280 S4 |                      |
|                                               | 11,8                                          | 56923                                   | 1,07                                     | MKH 3320 | 84,4          | 315 S6 | 274-275              |
|                                               | 14,2                                          | 47423                                   | 1,28                                     |          | 106           | 280 S4 |                      |
|                                               | 14,6                                          | 46039                                   | 1,13                                     |          | 102           | 280 S4 |                      |
|                                               | 15,2                                          | 44290                                   | 1,34                                     |          | 65,7          | 315 S6 |                      |
|                                               | 15,7                                          | 42989                                   | 1,23                                     |          | 63,8          | 315 S6 |                      |
|                                               | 17,8                                          | 37949                                   | 1,55                                     |          | 84,4          | 280 S4 |                      |
|                                               | 18,8                                          | 35814                                   | 1,41                                     |          | 79,7          | 280 S4 |                      |
|                                               | 19,0                                          | 35439                                   | 1,66                                     |          | 52,6          | 315 S6 |                      |
|                                               | 20,5                                          | 32924                                   | 1,61                                     |          | 48,8          | 315 S6 |                      |
|                                               | 22,8                                          | 29527                                   | 1,93                                     |          | 65,7          | 280 S4 |                      |
|                                               | 23,5                                          | 28659                                   | 1,78                                     |          | 63,8          | 280 S4 |                      |
|                                               | 24,8                                          | 27140                                   | 2,11                                     |          | 40,3          | 315 S6 |                      |
|                                               | 25,2                                          | 26729                                   | 2,00                                     |          | 39,7          | 315 S6 |                      |
|                                               | 28,5                                          | 23626                                   | 2,40                                     |          | 52,6          | 280 S4 |                      |
|                                               | 30,6                                          | 22031                                   | 2,54                                     |          | 32,7          | 315 S6 |                      |
|                                               | 30,7                                          | 21950                                   | 2,32                                     |          | 48,8          | 280 S4 |                      |
|                                               | 31,1                                          | 21687                                   | 2,47                                     |          | 32,2          | 315 S6 |                      |
|                                               | 37,3                                          | 18094                                   | 3,04                                     |          | 40,3          | 280 S4 |                      |
|                                               | 37,8                                          | 17819                                   | 2,88                                     |          | 39,7          | 280 S4 |                      |
|                                               | 17,8                                          | 37769                                   | 1,06                                     | MKH 3280 | 84,0          | 280 S4 | 272-273              |
|                                               | 18,5                                          | 36457                                   | 0,94                                     |          | 81,1          | 280 S4 |                      |
|                                               | 18,6                                          | 36261                                   | 1,12                                     |          | 53,8          | 315 S6 |                      |
|                                               | 18,8                                          | 35873                                   | 0,95                                     |          | 79,8          | 280 S4 |                      |
|                                               | 19,3                                          | 34866                                   | 1,11                                     |          | 51,7          | 315 S6 |                      |
|                                               | 22,4                                          | 30116                                   | 1,14                                     |          | 67,0          | 280 S4 |                      |
|                                               | 23,0                                          | 29271                                   | 1,33                                     |          | 43,4          | 315 S6 |                      |
|                                               | 23,4                                          | 28794                                   | 1,29                                     |          | 64,1          | 280 S4 |                      |
|                                               | 23,9                                          | 28233                                   | 1,29                                     |          | 41,9          | 315 S6 |                      |
|                                               | 27,9                                          | 24174                                   | 1,61                                     |          | 53,8          | 280 S4 |                      |
|                                               | 29,0                                          | 23244                                   | 1,60                                     |          | 51,7          | 280 S4 |                      |
|                                               | 29,7                                          | 22664                                   | 1,81                                     |          | 33,6          | 315 S6 |                      |
|                                               | 34,5                                          | 19514                                   | 1,91                                     |          | 43,4          | 280 S4 |                      |
|                                               | 35,8                                          | 18822                                   | 1,86                                     |          | 41,9          | 280 S4 |                      |
|                                               | 38,1                                          | 17703                                   | 1,86                                     |          | 26,3          | 315 S6 |                      |
|                                               | 44,6                                          | 15109                                   | 2,61                                     |          | 33,6          | 280 S4 |                      |
|                                               | 57,1                                          | 11802                                   | 2,68                                     |          | 26,3          | 280 S4 |                      |
|                                               | 40,3                                          | 17080                                   | 1,84                                     | MKH 2280 | 24,8          | 315 S6 | 254-255              |

| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 75                                            | 50,2                                          | 13710                                   | 1,84                                     | MKH 2280 | 19,9          | 315 S6  | 254-255              |
|                                               | 60,4                                          | 11387                                   | 2,66                                     |          | 24,8          | 280 S4  |                      |
|                                               | 75,3                                          | 9140                                    | 2,66                                     |          | 19,9          | 280 S4  |                      |
|                                               | 27,9                                          | 24147                                   | 1,11                                     | MKH 3250 | 53,7          | 280 S4  | 270-271              |
|                                               | 29,0                                          | 23221                                   | 1,15                                     |          | 51,7          | 280 S4  |                      |
|                                               | 29,8                                          | 22637                                   | 1,24                                     |          | 33,6          | 315 S6  |                      |
|                                               | 34,6                                          | 19496                                   | 1,38                                     |          | 43,4          | 280 S4  |                      |
|                                               | 35,7                                          | 18862                                   | 1,28                                     |          | 42,0          | 280 S4  |                      |
|                                               | 38,1                                          | 17689                                   | 1,59                                     |          | 26,2          | 315 S6  |                      |
|                                               | 44,7                                          | 15091                                   | 1,79                                     |          | 33,6          | 280 S4  |                      |
|                                               | 57,2                                          | 11793                                   | 2,30                                     |          | 26,2          | 280 S4  |                      |
|                                               | 40,2                                          | 17115                                   | 1,46                                     | MKH 2250 | 24,9          | 315 S6  | 252-253              |
|                                               | 50,2                                          | 13696                                   | 1,46                                     |          | 19,9          | 315 S6  |                      |
|                                               | 60,3                                          | 11410                                   | 2,10                                     |          | 24,9          | 280 S4  |                      |
|                                               | 63,7                                          | 10793                                   | 2,38                                     |          | 15,7          | 315 S6  |                      |
|                                               | 75,3                                          | 9131                                    | 2,11                                     |          | 19,9          | 280 S4  |                      |
|                                               | 79,6                                          | 8640                                    | 2,41                                     | MKH 3225 | 12,6          | 315 S6  | 268-269              |
|                                               | 45,7                                          | 14741                                   | 1,10                                     |          | 32,8          | 280 S4  |                      |
|                                               | 56,3                                          | 11968                                   | 1,34                                     |          | 26,6          | 280 S4  |                      |
|                                               | 60,0                                          | 11465                                   | 1,09                                     | MKH 2225 | 25,0          | 280 S4  | 250-251              |
|                                               | 62,5                                          | 11006                                   | 1,32                                     |          | 16,0          | 315 S6  |                      |
|                                               | 72,4                                          | 9497                                    | 1,09                                     |          | 20,7          | 280 S4  |                      |
|                                               | 75,4                                          | 9121                                    | 1,37                                     |          | 13,3          | 315 S6  |                      |
|                                               | 77,4                                          | 8887                                    | 1,81                                     |          | 12,9          | 315 S6  |                      |
|                                               | 93,5                                          | 7360                                    | 1,85                                     |          | 10,7          | 315 S6  |                      |
|                                               | 93,8                                          | 7337                                    | 1,91                                     |          | 16,0          | 280 S4  |                      |
|                                               | 113                                           | 6081                                    | 1,98                                     |          | 13,3          | 280 S4  |                      |
|                                               | 116                                           | 5925                                    | 2,62                                     | MKH 3200 | 12,9          | 280 S4  | 266-267              |
|                                               | 140                                           | 4907                                    | 2,67                                     |          | 10,7          | 280 S4  |                      |
|                                               | 56,5                                          | 11941                                   | 1,05                                     |          | 26,6          | 280 S4  |                      |
|                                               | 61,0                                          | 11281                                   | 0,99                                     |          | 24,6          | 280 S4  |                      |
|                                               | 63,5                                          | 10827                                   | 1,09                                     |          | 15,7          | 315 S6  |                      |
|                                               | 72,6                                          | 9479                                    | 1,10                                     |          | 20,7          | 280 S4  |                      |
|                                               | 75,6                                          | 9101                                    | 1,21                                     |          | 13,2          | 315 S6  |                      |
|                                               | 78,7                                          | 8743                                    | 1,35                                     |          | 12,7          | 315 S6  |                      |
|                                               | 93,8                                          | 7333                                    | 1,54                                     | MKH 2200 | 10,7          | 315 S6  | 248-249              |
|                                               | 95,3                                          | 7218                                    | 1,57                                     |          | 15,7          | 280 S4  |                      |
|                                               | 113                                           | 6067                                    | 1,74                                     |          | 13,2          | 280 S4  |                      |
|                                               | 118                                           | 5829                                    | 1,95                                     |          | 12,7          | 280 S4  |                      |
|                                               | 121                                           | 5682                                    | 1,85                                     |          | 8,26          | 315 S6  |                      |
|                                               | 141                                           | 4889                                    | 2,22                                     |          | 10,7          | 280 S4  |                      |
|                                               | 155                                           | 4437                                    | 1,86                                     |          | 6,45          | 315 S6  |                      |
|                                               | 182                                           | 3788                                    | 2,67                                     |          | 8,26          | 280 S4  |                      |
| 90                                            | 233                                           | 2958                                    | 2,69                                     |          | 6,45          | 280 S4  |                      |
|                                               | 11,9                                          | 68103                                   | 1,04                                     | MKH 3360 | 126           | 280 M4  | 276-277              |
|                                               | 12,7                                          | 63600                                   | 1,14                                     |          | 78,6          | 315 MA6 |                      |
|                                               | 13,8                                          | 58444                                   | 1,26                                     |          | 108           | 280 M4  |                      |
|                                               | 14,8                                          | 54580                                   | 1,40                                     |          | 67,5          | 315 MA6 |                      |
|                                               | 14,8                                          | 54497                                   | 1,30                                     |          | 101           | 280 M4  |                      |
|                                               | 15,9                                          | 50891                                   | 1,43                                     |          | 62,9          | 315 MA6 |                      |



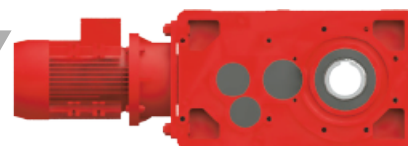
| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 90                                            | 17,3                                          | 46768                                   | 1,36                                     | MKH 3360 | 86,7          | 280 M4  | 276-277              |
|                                               | 18,5                                          | 43675                                   | 1,75                                     |          | 54,0          | 315 MA6 |                      |
|                                               | 19,1                                          | 42400                                   | 1,65                                     |          | 78,6          | 280 M4  |                      |
|                                               | 20,8                                          | 38975                                   | 1,89                                     |          | 48,2          | 315 MA6 |                      |
|                                               | 22,2                                          | 36387                                   | 2,02                                     |          | 67,5          | 280 M4  |                      |
|                                               | 23,8                                          | 33928                                   | 2,07                                     |          | 62,9          | 280 M4  |                      |
|                                               | 24,2                                          | 33442                                   | 2,03                                     |          | 41,3          | 315 MA6 |                      |
|                                               | 25,6                                          | 31638                                   | 2,33                                     |          | 39,1          | 315 MA6 |                      |
|                                               | 27,8                                          | 29117                                   | 2,52                                     |          | 54,0          | 280 M4  |                      |
|                                               | 31,1                                          | 25984                                   | 2,73                                     |          | 48,2          | 280 M4  |                      |
|                                               | 36,3                                          | 22295                                   | 2,92                                     |          | 41,3          | 280 M4  |                      |
|                                               | 14,2                                          | 56907                                   | 1,06                                     |          | 106           | 280 M4  |                      |
|                                               | 14,6                                          | 55246                                   | 0,94                                     |          | 102           | 280 M4  |                      |
|                                               | 15,2                                          | 53148                                   | 1,12                                     |          | 65,7          | 315 MA6 |                      |
|                                               | 15,7                                          | 51587                                   | 1,03                                     |          | 63,8          | 315 MA6 |                      |
|                                               | 17,8                                          | 45539                                   | 1,29                                     |          | 84,4          | 280 M4  |                      |
|                                               | 18,8                                          | 42977                                   | 1,18                                     |          | 79,7          | 280 M4  |                      |
|                                               | 19,0                                          | 42527                                   | 1,39                                     |          | 52,6          | 315 MA6 |                      |
|                                               | 20,5                                          | 39509                                   | 1,34                                     |          | 48,8          | 315 MA6 |                      |
|                                               | 22,8                                          | 35432                                   | 1,61                                     |          | 65,7          | 280 M4  |                      |
|                                               | 23,5                                          | 34391                                   | 1,48                                     |          | 63,8          | 280 M4  |                      |
|                                               | 24,8                                          | 32569                                   | 1,76                                     | MKH 3320 | 40,3          | 315 MA6 | 274-275              |
|                                               | 25,2                                          | 32075                                   | 1,66                                     |          | 39,7          | 315 MA6 |                      |
|                                               | 28,5                                          | 28351                                   | 2,00                                     |          | 52,6          | 280 M4  |                      |
|                                               | 30,6                                          | 26437                                   | 2,12                                     |          | 32,7          | 315 MA6 |                      |
|                                               | 30,7                                          | 26340                                   | 1,94                                     |          | 48,8          | 280 M4  |                      |
|                                               | 31,1                                          | 26024                                   | 2,06                                     |          | 32,2          | 315 MA6 |                      |
|                                               | 37,3                                          | 21712                                   | 2,53                                     |          | 40,3          | 280 M4  |                      |
|                                               | 37,7                                          | 21445                                   | 2,59                                     |          | 26,5          | 315 MA6 |                      |
|                                               | 37,8                                          | 21383                                   | 2,40                                     |          | 39,7          | 280 M4  |                      |
|                                               | 45,9                                          | 17624                                   | 3,06                                     |          | 32,7          | 280 M4  |                      |
|                                               | 46,6                                          | 17349                                   | 2,97                                     |          | 32,2          | 280 M4  |                      |
|                                               | 41,6                                          | 19852                                   | 2,44                                     | MKH 2320 | 24,1          | 315 MA6 | 256-257              |
|                                               | 50,4                                          | 16369                                   | 2,46                                     |          | 19,8          | 315 MA6 |                      |
|                                               | 23,0                                          | 35125                                   | 1,10                                     |          | 43,4          | 315 MA6 |                      |
|                                               | 23,4                                          | 34553                                   | 1,08                                     |          | 64,1          | 280 M4  |                      |
|                                               | 23,9                                          | 33879                                   | 1,07                                     |          | 41,9          | 315 MA6 |                      |
|                                               | 27,9                                          | 29009                                   | 1,34                                     |          | 53,8          | 280 M4  |                      |
|                                               | 29,0                                          | 27893                                   | 1,34                                     |          | 51,7          | 280 M4  |                      |
|                                               | 29,7                                          | 27197                                   | 1,51                                     |          | 33,6          | 315 MA6 |                      |
|                                               | 34,5                                          | 23417                                   | 1,59                                     |          | 43,4          | 280 M4  |                      |
|                                               | 35,8                                          | 22586                                   | 1,55                                     |          | 41,9          | 280 M4  |                      |
|                                               | 38,1                                          | 21243                                   | 1,55                                     |          | 26,3          | 315 MA6 |                      |
|                                               | 44,6                                          | 18131                                   | 2,18                                     |          | 33,6          | 280 M4  |                      |
|                                               | 57,1                                          | 14162                                   | 2,23                                     |          | 26,3          | 280 M4  |                      |
|                                               | 40,3                                          | 20496                                   | 1,54                                     |          | 24,8          | 315 MA6 |                      |
|                                               | 50,2                                          | 16451                                   | 1,54                                     |          | 19,9          | 315 MA6 |                      |
|                                               | 60,4                                          | 13664                                   | 2,22                                     |          | 24,8          | 280 M4  |                      |
|                                               | 62,0                                          | 13306                                   | 2,50                                     |          | 16,1          | 315 MA6 |                      |
|                                               | 75,3                                          | 10968                                   | 2,22                                     |          | 19,9          | 280 M4  |                      |

| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 90                                            | 29,8                                          | 27165                                   | 1,03                                     | MKH 3250 | 33,6          | 315 MA6 | 270-271              |
|                                               | 34,6                                          | 23395                                   | 1,15                                     |          | 43,4          | 280 M4  |                      |
|                                               | 35,7                                          | 22635                                   | 1,06                                     |          | 42,0          | 280 M4  |                      |
|                                               | 38,1                                          | 21227                                   | 1,33                                     |          | 26,2          | 315 MA6 |                      |
|                                               | 44,7                                          | 18110                                   | 1,49                                     |          | 33,6          | 280 M4  |                      |
|                                               | 57,2                                          | 14151                                   | 1,92                                     |          | 26,2          | 280 M4  |                      |
|                                               | 40,2                                          | 20538                                   | 1,22                                     | MKH 2250 | 24,9          | 315 MA6 | 252-253              |
|                                               | 50,2                                          | 16435                                   | 1,22                                     |          | 19,9          | 315 MA6 |                      |
|                                               | 60,3                                          | 13692                                   | 1,75                                     |          | 24,9          | 280 M4  |                      |
|                                               | 63,7                                          | 12952                                   | 1,98                                     |          | 15,7          | 315 MA6 |                      |
|                                               | 75,3                                          | 10957                                   | 1,76                                     |          | 19,9          | 280 M4  |                      |
|                                               | 79,6                                          | 10368                                   | 2,01                                     |          | 12,6          | 315 MA6 |                      |
|                                               | 56,3                                          | 14362                                   | 1,11                                     | MKH 3225 | 26,6          | 280 M4  | 268-269              |
|                                               | 62,5                                          | 13207                                   | 1,10                                     | MKH 2225 | 16,0          | 315 MA6 | 250-251              |
|                                               | 75,4                                          | 10946                                   | 1,14                                     |          | 13,3          | 315 MA6 |                      |
|                                               | 77,4                                          | 10665                                   | 1,51                                     |          | 12,9          | 315 MA6 |                      |
|                                               | 93,5                                          | 8832                                    | 1,54                                     |          | 10,7          | 315 MA6 |                      |
|                                               | 93,8                                          | 8805                                    | 1,59                                     |          | 16,0          | 280 M4  |                      |
|                                               | 113                                           | 7297                                    | 1,65                                     |          | 13,3          | 280 M4  |                      |
|                                               | 116                                           | 7110                                    | 2,18                                     | MKH 2200 | 12,9          | 280 M4  | 248-249              |
|                                               | 140                                           | 5888                                    | 2,22                                     |          | 10,7          | 280 M4  |                      |
|                                               | 75,6                                          | 10921                                   | 1,01                                     |          | 13,2          | 315 MA6 |                      |
|                                               | 78,7                                          | 10492                                   | 1,13                                     |          | 12,7          | 315 MA6 |                      |
|                                               | 93,8                                          | 8799                                    | 1,28                                     |          | 10,7          | 315 MA6 |                      |
|                                               | 95,3                                          | 8662                                    | 1,31                                     |          | 15,7          | 280 M4  |                      |
|                                               | 113                                           | 7281                                    | 1,45                                     |          | 13,2          | 280 M4  |                      |
|                                               | 118                                           | 6994                                    | 1,63                                     |          | 12,7          | 280 M4  |                      |
|                                               | 121                                           | 6818                                    | 1,54                                     |          | 8,26          | 315 MA6 |                      |
|                                               | 141                                           | 5866                                    | 1,85                                     |          | 10,7          | 280 M4  |                      |
| 110                                           | 155                                           | 5324                                    | 1,55                                     |          | 6,45          | 315 MA6 | 276-277              |
|                                               | 182                                           | 4546                                    | 2,22                                     |          | 8,26          | 280 M4  |                      |
|                                               | 233                                           | 3549                                    | 2,24                                     |          | 6,45          | 280 M4  |                      |
|                                               | 13,8                                          | 71432                                   | 1,03                                     |          | 108           | 315 S4  |                      |
|                                               | 14,8                                          | 66709                                   | 1,14                                     |          | 67,5          | 315 MB6 |                      |
|                                               | 14,8                                          | 66607                                   | 1,07                                     |          | 101           | 315 S4  |                      |
|                                               | 15,9                                          | 62201                                   | 1,17                                     |          | 62,9          | 315 MB6 |                      |
|                                               | 17,3                                          | 57161                                   | 1,11                                     |          | 86,7          | 315 S4  |                      |
|                                               | 18,5                                          | 53381                                   | 1,43                                     |          | 54,0          | 315 MB6 |                      |
|                                               | 19,1                                          | 51822                                   | 1,35                                     |          | 78,6          | 315 S4  |                      |
|                                               | 20,8                                          | 47637                                   | 1,55                                     |          | 48,2          | 315 MB6 |                      |
|                                               | 22,2                                          | 44473                                   | 1,65                                     |          | 67,5          | 315 S4  |                      |
|                                               | 23,8                                          | 41467                                   | 1,69                                     |          | 62,9          | 315 S4  |                      |
|                                               | 24,2                                          | 40874                                   | 1,66                                     | MKH 3360 | 41,3          | 315 MB6 |                      |
|                                               | 25,6                                          | 38669                                   | 1,91                                     |          | 39,1          | 315 MB6 |                      |
|                                               | 27,8                                          | 35587                                   | 2,06                                     |          | 54,0          | 315 S4  |                      |
|                                               | 29,8                                          | 33191                                   | 2,30                                     |          | 33,6          | 315 MB6 |                      |
|                                               | 31,1                                          | 31758                                   | 2,24                                     |          | 48,2          | 315 S4  |                      |
|                                               | 31,5                                          | 31372                                   | 2,35                                     |          | 31,7          | 315 MB6 |                      |
|                                               | 36,3                                          | 27249                                   | 2,39                                     |          | 41,3          | 315 S4  |                      |
|                                               | 36,7                                          | 26923                                   | 2,58                                     |          | 27,2          | 315 MB6 |                      |



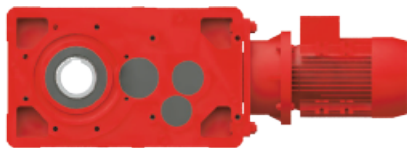
| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 110                                           | 38,4                                          | 25779                                   | 2,75                                     | MKH 3360 | 39,1          | 315 S4  | 276-277              |
|                                               | 42,1                                          | 23941                                   | 2,38                                     | MKH 2360 | 23,7          | 315 MB6 | 258-259              |
|                                               | 49,1                                          | 20541                                   | 2,39                                     |          | 20,4          | 315 MB6 |                      |
|                                               | 17,8                                          | 55658                                   | 1,06                                     | MKH 3320 | 84,4          | 315 S4  | 274-275              |
|                                               | 18,8                                          | 52528                                   | 0,96                                     |          | 79,7          | 315 S4  |                      |
|                                               | 19,0                                          | 51977                                   | 1,13                                     |          | 52,6          | 315 MB6 |                      |
|                                               | 20,5                                          | 48289                                   | 1,10                                     |          | 48,8          | 315 MB6 |                      |
|                                               | 22,8                                          | 43306                                   | 1,32                                     |          | 65,7          | 315 S4  |                      |
|                                               | 23,5                                          | 42034                                   | 1,21                                     |          | 63,8          | 315 S4  |                      |
|                                               | 24,8                                          | 39806                                   | 1,44                                     |          | 40,3          | 315 MB6 |                      |
|                                               | 25,2                                          | 39203                                   | 1,36                                     |          | 39,7          | 315 MB6 |                      |
|                                               | 28,5                                          | 34651                                   | 1,63                                     |          | 52,6          | 315 S4  |                      |
|                                               | 30,6                                          | 32311                                   | 1,73                                     |          | 32,7          | 315 MB6 |                      |
|                                               | 30,7                                          | 32193                                   | 1,58                                     |          | 48,8          | 315 S4  |                      |
|                                               | 31,1                                          | 31807                                   | 1,68                                     |          | 32,2          | 315 MB6 |                      |
|                                               | 37,3                                          | 26537                                   | 2,07                                     |          | 40,3          | 315 S4  |                      |
|                                               | 37,7                                          | 26211                                   | 2,12                                     |          | 26,5          | 315 MB6 |                      |
|                                               | 37,8                                          | 26135                                   | 1,96                                     |          | 39,7          | 315 S4  |                      |
|                                               | 45,9                                          | 21541                                   | 2,50                                     |          | 32,7          | 315 S4  |                      |
|                                               | 46,6                                          | 21205                                   | 2,43                                     |          | 32,2          | 315 S4  |                      |
|                                               | 56,6                                          | 17474                                   | 3,06                                     |          | 26,5          | 315 S4  |                      |
|                                               | 41,6                                          | 24264                                   | 1,99                                     | MKH 2320 | 24,1          | 315 MB6 | 256-257              |
|                                               | 50,4                                          | 20006                                   | 2,01                                     |          | 19,8          | 315 MB6 |                      |
|                                               | 62,4                                          | 16176                                   | 2,87                                     |          | 24,1          | 315 S4  |                      |
|                                               | 75,6                                          | 13338                                   | 2,91                                     |          | 19,8          | 315 S4  |                      |
|                                               | 27,9                                          | 35456                                   | 1,10                                     | MKH 3280 | 53,8          | 315 S4  | 272-273              |
|                                               | 29,0                                          | 34091                                   | 1,09                                     |          | 51,7          | 315 S4  |                      |
|                                               | 29,7                                          | 33241                                   | 1,24                                     |          | 33,6          | 315 MB6 |                      |
|                                               | 34,5                                          | 28620                                   | 1,30                                     |          | 43,4          | 315 S4  |                      |
|                                               | 35,8                                          | 27605                                   | 1,27                                     |          | 41,9          | 315 S4  |                      |
|                                               | 38,1                                          | 25964                                   | 1,27                                     |          | 26,3          | 315 MB6 |                      |
|                                               | 44,6                                          | 22161                                   | 1,78                                     |          | 33,6          | 315 S4  |                      |
|                                               | 57,1                                          | 17309                                   | 1,83                                     |          | 26,3          | 315 S4  |                      |
|                                               | 40,3                                          | 25051                                   | 1,26                                     | MKH 2280 | 24,8          | 315 MB6 | 254-255              |
|                                               | 50,2                                          | 20107                                   | 1,26                                     |          | 19,9          | 315 MB6 |                      |
|                                               | 60,4                                          | 16701                                   | 1,81                                     |          | 24,8          | 315 S4  |                      |
|                                               | 62,0                                          | 16263                                   | 2,05                                     |          | 16,1          | 315 MB6 |                      |
|                                               | 75,3                                          | 13405                                   | 1,81                                     |          | 19,9          | 315 S4  |                      |
|                                               | 77,3                                          | 13055                                   | 2,29                                     |          | 12,9          | 315 MB6 |                      |
|                                               | 93,1                                          | 10842                                   | 2,95                                     |          | 16,1          | 315 S4  |                      |
|                                               | 38,1                                          | 25944                                   | 1,09                                     | MKH 3250 | 26,2          | 315 MB6 | 270-271              |
|                                               | 44,7                                          | 22134                                   | 1,22                                     |          | 33,6          | 315 S4  |                      |
|                                               | 57,2                                          | 17296                                   | 1,57                                     |          | 26,2          | 315 S4  |                      |
|                                               | 50,2                                          | 20087                                   | 1,00                                     | MKH 2250 | 19,9          | 315 MB6 | 252-253              |
|                                               | 60,3                                          | 16734                                   | 1,43                                     |          | 24,9          | 315 S4  |                      |
|                                               | 63,7                                          | 15830                                   | 1,62                                     |          | 15,7          | 315 MB6 |                      |
|                                               | 75,3                                          | 13391                                   | 1,44                                     |          | 19,9          | 315 S4  |                      |
|                                               | 79,6                                          | 12672                                   | 1,64                                     |          | 12,6          | 315 MB6 |                      |
|                                               | 95,6                                          | 10553                                   | 2,34                                     |          | 15,7          | 315 S4  |                      |
|                                               | 102                                           | 9907                                    | 2,46                                     |          | 9,82          | 315 MB6 |                      |

| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 110                                           | 119                                           | 8448                                    | 2,37                                     | MKH 2250 | 12,6          | 315 S4  | 252-253              |
|                                               | 133                                           | 7587                                    | 2,45                                     |          | 7,52          | 315 MB6 |                      |
| 132                                           | 18,5                                          | 64057                                   | 1,19                                     | MKH 3360 | 54,0          | 315 LA6 | 276-277              |
|                                               | 19,1                                          | 62187                                   | 1,12                                     |          | 78,6          | 315 MA4 |                      |
|                                               | 20,8                                          | 57164                                   | 1,29                                     |          | 48,2          | 315 LA6 |                      |
|                                               | 22,2                                          | 53367                                   | 1,38                                     |          | 67,5          | 315 MA4 |                      |
|                                               | 23,8                                          | 49760                                   | 1,41                                     |          | 62,9          | 315 MA4 |                      |
|                                               | 24,2                                          | 49049                                   | 1,38                                     |          | 41,3          | 315 LA6 |                      |
|                                               | 25,6                                          | 46403                                   | 1,59                                     |          | 39,1          | 315 LA6 |                      |
|                                               | 27,8                                          | 42705                                   | 1,72                                     |          | 54,0          | 315 MA4 |                      |
|                                               | 29,8                                          | 39830                                   | 1,91                                     |          | 33,6          | 315 LA6 |                      |
|                                               | 31,1                                          | 38109                                   | 1,86                                     |          | 48,2          | 315 MA4 |                      |
|                                               | 31,5                                          | 37647                                   | 1,96                                     |          | 31,7          | 315 LA6 |                      |
|                                               | 36,3                                          | 32699                                   | 1,99                                     |          | 41,3          | 315 MA4 |                      |
|                                               | 36,7                                          | 32307                                   | 2,15                                     |          | 27,2          | 315 LA6 |                      |
|                                               | 38,4                                          | 30935                                   | 2,30                                     |          | 39,1          | 315 MA4 |                      |
|                                               | 44,7                                          | 26553                                   | 2,76                                     |          | 33,6          | 315 MA4 |                      |
|                                               | 47,3                                          | 25098                                   | 2,83                                     |          | 31,7          | 315 MA4 |                      |
|                                               | 55,1                                          | 21538                                   | 3,10                                     |          | 27,2          | 315 MA4 |                      |
|                                               | 42,1                                          | 28729                                   | 1,98                                     | MKH 2360 | 23,7          | 315 LA6 | 258-259              |
|                                               | 49,1                                          | 24649                                   | 1,99                                     |          | 20,4          | 315 LA6 |                      |
|                                               | 63,2                                          | 19153                                   | 2,86                                     |          | 23,7          | 315 MA4 |                      |
|                                               | 73,7                                          | 16433                                   | 2,87                                     |          | 20,4          | 315 MA4 |                      |
|                                               | 22,8                                          | 51967                                   | 1,10                                     | MKH 3320 | 65,7          | 315 MA4 | 274-275              |
|                                               | 23,5                                          | 50441                                   | 1,01                                     |          | 63,8          | 315 MA4 |                      |
|                                               | 24,8                                          | 47767                                   | 1,20                                     |          | 40,3          | 315 LA6 |                      |
|                                               | 25,2                                          | 47043                                   | 1,13                                     |          | 39,7          | 315 LA6 |                      |
|                                               | 28,5                                          | 41582                                   | 1,36                                     |          | 52,6          | 315 MA4 |                      |
|                                               | 30,6                                          | 38774                                   | 1,44                                     |          | 32,7          | 315 LA6 |                      |
|                                               | 30,7                                          | 38631                                   | 1,32                                     |          | 48,8          | 315 MA4 |                      |
|                                               | 31,1                                          | 38169                                   | 1,40                                     |          | 32,2          | 315 LA6 |                      |
|                                               | 37,3                                          | 31845                                   | 1,73                                     |          | 40,3          | 315 MA4 |                      |
|                                               | 37,7                                          | 31453                                   | 1,77                                     |          | 26,5          | 315 LA6 |                      |
|                                               | 37,8                                          | 31362                                   | 1,64                                     |          | 39,7          | 315 MA4 |                      |
|                                               | 45,9                                          | 25849                                   | 2,08                                     |          | 32,7          | 315 MA4 |                      |
|                                               | 46,6                                          | 25446                                   | 2,02                                     |          | 32,2          | 315 MA4 |                      |
|                                               | 56,6                                          | 20969                                   | 2,55                                     |          | 26,5          | 315 MA4 |                      |
|                                               | 41,6                                          | 29117                                   | 1,66                                     | MKH 2320 | 24,1          | 315 LA6 | 256-257              |
|                                               | 50,4                                          | 24008                                   | 1,68                                     |          | 19,8          | 315 LA6 |                      |
|                                               | 62,4                                          | 19411                                   | 2,40                                     |          | 24,1          | 315 MA4 |                      |
|                                               | 75,6                                          | 16005                                   | 2,42                                     |          | 19,8          | 315 MA4 |                      |
|                                               | 29,7                                          | 39889                                   | 1,03                                     | MKH 3280 | 33,6          | 315 LA6 | 272-273              |
|                                               | 34,5                                          | 34344                                   | 1,09                                     |          | 43,4          | 315 MA4 |                      |
|                                               | 35,8                                          | 33126                                   | 1,06                                     |          | 41,9          | 315 MA4 |                      |
|                                               | 38,1                                          | 31157                                   | 1,05                                     |          | 26,3          | 315 LA6 |                      |
|                                               | 44,6                                          | 26593                                   | 1,49                                     |          | 33,6          | 315 MA4 |                      |
|                                               | 57,1                                          | 20771                                   | 1,52                                     |          | 26,3          | 315 MA4 |                      |
|                                               | 40,3                                          | 30061                                   | 1,05                                     | MKH 2280 | 24,8          | 315 LA6 | 254-255              |
|                                               | 50,2                                          | 24129                                   | 1,05                                     |          | 19,9          | 315 LA6 |                      |
|                                               | 60,4                                          | 20041                                   | 1,51                                     |          | 24,8          | 315 MA4 |                      |



| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 132                                           | 62,0                                          | 19516                                   | 1,71                                     | MKH 2280 | 16,1          | 315 LA6 | 254-255              |
|                                               | 75,3                                          | 16086                                   | 1,51                                     |          | 19,9          | 315 MA4 |                      |
|                                               | 77,3                                          | 15666                                   | 1,91                                     |          | 12,9          | 315 LA6 |                      |
|                                               | 93,1                                          | 13011                                   | 2,46                                     |          | 16,1          | 315 MA4 |                      |
|                                               | 96,9                                          | 12494                                   | 2,29                                     |          | 10,3          | 315 LA6 |                      |
|                                               | 116                                           | 10444                                   | 2,75                                     |          | 12,9          | 315 MA4 |                      |
|                                               | 44,7                                          | 26561                                   | 1,02                                     | MKH 3250 | 33,6          | 315 MA4 | 270-271              |
|                                               | 57,2                                          | 20755                                   | 1,31                                     |          | 26,2          | 315 MA4 |                      |
|                                               | 60,3                                          | 20081                                   | 1,20                                     | MKH 2250 | 24,9          | 315 MA4 | 252-253              |
|                                               | 63,7                                          | 18996                                   | 1,35                                     |          | 15,7          | 315 LA6 |                      |
|                                               | 75,3                                          | 16070                                   | 1,20                                     |          | 19,9          | 315 MA4 |                      |
|                                               | 79,6                                          | 15206                                   | 1,37                                     |          | 12,6          | 315 LA6 |                      |
|                                               | 95,6                                          | 12664                                   | 1,95                                     |          | 15,7          | 315 MA4 |                      |
|                                               | 102                                           | 11889                                   | 2,05                                     |          | 9,82          | 315 LA6 |                      |
|                                               | 119                                           | 10137                                   | 1,97                                     |          | 12,6          | 315 MA4 |                      |
|                                               | 133                                           | 9104                                    | 2,04                                     |          | 7,52          | 315 LA6 |                      |
|                                               | 153                                           | 7926                                    | 2,95                                     |          | 9,82          | 315 MA4 |                      |
|                                               | 199                                           | 6070                                    | 2,95                                     |          | 7,52          | 315 MA4 |                      |
| 160                                           | 20,8                                          | 69290                                   | 1,07                                     | MKH 3360 | 48,2          | 315 LB6 | 276-277              |
|                                               | 22,2                                          | 64688                                   | 1,13                                     |          | 67,5          | 315 MB4 |                      |
|                                               | 23,8                                          | 60316                                   | 1,16                                     |          | 62,9          | 315 MB4 |                      |
|                                               | 24,2                                          | 59453                                   | 1,14                                     |          | 41,3          | 315 LB6 |                      |
|                                               | 25,6                                          | 56246                                   | 1,31                                     |          | 39,1          | 315 LB6 |                      |
|                                               | 27,8                                          | 51764                                   | 1,42                                     |          | 54,0          | 315 MB4 |                      |
|                                               | 29,8                                          | 48278                                   | 1,58                                     |          | 33,6          | 315 LB6 |                      |
|                                               | 31,1                                          | 46193                                   | 1,54                                     |          | 48,2          | 315 MB4 |                      |
|                                               | 31,5                                          | 45632                                   | 1,62                                     |          | 31,7          | 315 LB6 |                      |
|                                               | 36,3                                          | 39635                                   | 1,65                                     |          | 41,3          | 315 MB4 |                      |
|                                               | 36,7                                          | 39161                                   | 1,77                                     |          | 27,2          | 315 LB6 |                      |
|                                               | 38,4                                          | 37497                                   | 1,89                                     |          | 39,1          | 315 MB4 |                      |
|                                               | 44,7                                          | 32186                                   | 2,28                                     |          | 33,6          | 315 MB4 |                      |
|                                               | 47,3                                          | 30421                                   | 2,33                                     |          | 31,7          | 315 MB4 |                      |
|                                               | 55,1                                          | 26107                                   | 2,55                                     |          | 27,2          | 315 MB4 |                      |
|                                               | 42,1                                          | 34824                                   | 1,63                                     | MKH 2360 | 23,7          | 315 LB6 | 258-259              |
|                                               | 49,1                                          | 29878                                   | 1,64                                     |          | 20,4          | 315 LB6 |                      |
|                                               | 63,2                                          | 23216                                   | 2,36                                     |          | 23,7          | 315 MB4 |                      |
|                                               | 73,7                                          | 19919                                   | 2,37                                     |          | 20,4          | 315 MB4 |                      |
|                                               | 28,5                                          | 50402                                   | 1,12                                     | MKH 3320 | 52,6          | 315 MB4 | 274-275              |
|                                               | 30,6                                          | 46998                                   | 1,19                                     |          | 32,7          | 315 LB6 |                      |
|                                               | 30,7                                          | 46826                                   | 1,09                                     |          | 48,8          | 315 MB4 |                      |
|                                               | 31,1                                          | 46265                                   | 1,16                                     |          | 32,2          | 315 LB6 |                      |
|                                               | 37,3                                          | 38600                                   | 1,42                                     |          | 40,3          | 315 MB4 |                      |
|                                               | 37,7                                          | 38125                                   | 1,46                                     |          | 26,5          | 315 LB6 |                      |
|                                               | 37,8                                          | 38015                                   | 1,35                                     |          | 39,7          | 315 MB4 |                      |
|                                               | 45,9                                          | 31332                                   | 1,72                                     |          | 32,7          | 315 MB4 |                      |
|                                               | 46,6                                          | 30843                                   | 1,67                                     |          | 32,2          | 315 MB4 |                      |
|                                               | 56,6                                          | 25417                                   | 2,10                                     |          | 26,5          | 315 MB4 |                      |
|                                               | 41,6                                          | 35293                                   | 1,37                                     | MKH 2320 | 24,1          | 315 LB6 | 256-257              |
|                                               | 50,4                                          | 29100                                   | 1,38                                     |          | 19,8          | 315 LB6 |                      |
|                                               | 62,4                                          | 23529                                   | 1,98                                     |          | 24,1          | 315 MB4 |                      |

| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 160                                           | 65,4                                          | 22438                                   | 2,16                                     | MKH 2320 | 15,3          | 315 LB6 | 256-257              |
|                                               | 75,6                                          | 19400                                   | 2,00                                     |          | 19,8          | 315 MB4 |                      |
|                                               | 79,3                                          | 18505                                   | 2,18                                     |          | 12,6          | 315 LB6 |                      |
|                                               | 98,1                                          | 14959                                   | 3,12                                     |          | 15,3          | 315 MB4 |                      |
|                                               | 119                                           | 12337                                   | 3,14                                     |          | 12,6          | 315 MB4 |                      |
|                                               | 44,6                                          | 32234                                   | 1,23                                     | MKH 3280 | 33,6          | 315 MB4 | 272-273              |
|                                               | 57,1                                          | 25177                                   | 1,26                                     |          | 26,3          | 315 MB4 |                      |
|                                               | 60,4                                          | 24292                                   | 1,25                                     | MKH 2280 | 24,8          | 315 MB4 | 254-255              |
|                                               | 62,0                                          | 23656                                   | 1,41                                     |          | 16,1          | 315 LB6 |                      |
|                                               | 75,3                                          | 19498                                   | 1,25                                     |          | 19,9          | 315 MB4 |                      |
|                                               | 77,3                                          | 18989                                   | 1,57                                     |          | 12,9          | 315 LB6 |                      |
|                                               | 93,1                                          | 15771                                   | 2,03                                     |          | 16,1          | 315 MB4 |                      |
|                                               | 96,9                                          | 15145                                   | 1,89                                     |          | 10,3          | 315 LB6 |                      |
|                                               | 116                                           | 12660                                   | 2,27                                     |          | 12,9          | 315 MB4 |                      |
|                                               | 124                                           | 11872                                   | 2,21                                     |          | 8,09          | 315 LB6 |                      |
|                                               | 145                                           | 10096                                   | 2,73                                     |          | 10,3          | 315 MB4 |                      |
|                                               | 57,2                                          | 25158                                   | 1,08                                     | MKH 3250 | 26,2          | 315 MB4 | 270-271              |
|                                               | 60,3                                          | 24341                                   | 0,99                                     |          | 24,9          | 315 MB4 |                      |
| 185                                           | 63,7                                          | 23025                                   | 1,12                                     | MKH 2250 | 15,7          | 315 LB6 | 252-253              |
|                                               | 75,3                                          | 19478                                   | 0,99                                     |          | 19,9          | 315 MB4 |                      |
|                                               | 79,6                                          | 18432                                   | 1,13                                     |          | 12,6          | 315 LB6 |                      |
|                                               | 95,6                                          | 15350                                   | 1,61                                     |          | 15,7          | 315 MB4 |                      |
|                                               | 102                                           | 14411                                   | 1,69                                     |          | 9,82          | 315 LB6 |                      |
|                                               | 119                                           | 12288                                   | 1,63                                     |          | 12,6          | 315 MB4 |                      |
|                                               | 133                                           | 11036                                   | 1,69                                     |          | 7,52          | 315 LB6 |                      |
|                                               | 153                                           | 9607                                    | 2,44                                     |          | 9,82          | 315 MB4 |                      |
|                                               | 199                                           | 7357                                    | 2,43                                     |          | 7,52          | 315 MB4 |                      |
|                                               | 22,2                                          | 74795                                   | 0,98                                     | MKH 3360 | 67,5          | 315 LA4 | 276-277              |
|                                               | 23,8                                          | 69740                                   | 1,01                                     |          | 62,9          | 315 LA4 |                      |
|                                               | 27,8                                          | 59852                                   | 1,23                                     |          | 54,0          | 315 LA4 |                      |
|                                               | 31,1                                          | 53411                                   | 1,33                                     |          | 48,2          | 315 LA4 |                      |
|                                               | 36,3                                          | 45828                                   | 1,42                                     |          | 41,3          | 315 LA4 |                      |
|                                               | 38,4                                          | 43356                                   | 1,64                                     |          | 39,1          | 315 LA4 |                      |
|                                               | 44,7                                          | 37215                                   | 1,97                                     |          | 33,6          | 315 LA4 |                      |
|                                               | 47,3                                          | 35175                                   | 2,02                                     |          | 31,7          | 315 LA4 |                      |
|                                               | 55,1                                          | 30186                                   | 2,21                                     |          | 27,2          | 315 LA4 |                      |
|                                               | 63,2                                          | 26843                                   | 2,04                                     |          | 23,7          | 315 LA4 |                      |
|                                               | 73,7                                          | 23031                                   | 2,05                                     | MKH 2360 | 20,4          | 315 LA4 | 258-259              |
|                                               | 99,4                                          | 17070                                   | 3,75                                     |          | 15,1          | 315 LA4 |                      |
|                                               | 116                                           | 14649                                   | 3,75                                     |          | 13,0          | 315 LA4 |                      |
|                                               | 128                                           | 13303                                   | 4,59                                     |          | 11,8          | 315 LA4 |                      |
|                                               | 149                                           | 11425                                   | 4,58                                     |          | 10,1          | 315 LA4 |                      |
|                                               | 199                                           | 8518                                    | 4,58                                     |          | 7,53          | 315 LA4 |                      |
|                                               | 37,3                                          | 44631                                   | 1,23                                     | MKH 3320 | 40,3          | 315 LA4 | 274-275              |
|                                               | 37,8                                          | 43955                                   | 1,17                                     |          | 39,7          | 315 LA4 |                      |
|                                               | 45,9                                          | 36228                                   | 1,49                                     |          | 32,7          | 315 LA4 |                      |
|                                               | 46,6                                          | 35663                                   | 1,44                                     |          | 32,2          | 315 LA4 |                      |
|                                               | 56,6                                          | 29388                                   | 1,82                                     |          | 26,5          | 315 LA4 |                      |
|                                               | 62,4                                          | 27205                                   | 1,71                                     | MKH 2320 | 24,1          | 315 LA4 | 256-257              |
|                                               | 75,6                                          | 22432                                   | 1,73                                     |          | 19,8          | 315 LA4 |                      |



| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 185                                           | 698,1                                         | 17296                                   | 2,70                                     | MKH 2320 | 15,3          | 315 LA4 | 256-257              |
|                                               | 119                                           | 14264                                   | 2,72                                     |          | 12,6          | 315 LA4 |                      |
|                                               | 126                                           | 13484                                   | 3,52                                     |          | 11,9          | 315 LA4 |                      |
|                                               | 153                                           | 11120                                   | 3,53                                     |          | 9,83          | 315 LA4 |                      |
|                                               | 200                                           | 8484                                    | 4,42                                     |          | 7,50          | 315 LA4 |                      |
|                                               | 244                                           | 6957                                    | 4,59                                     |          | 6,15          | 315 LA4 |                      |
|                                               | 44,6                                          | 37270                                   | 1,06                                     | MKH 3280 | 33,6          | 315 LA4 | 272-273              |
|                                               | 57,1                                          | 29111                                   | 1,09                                     |          | 26,3          | 315 LA4 |                      |
|                                               | 60,4                                          | 28087                                   | 1,08                                     | MKH 2280 | 24,8          | 315 LA4 | 254-255              |
|                                               | 75,3                                          | 22545                                   | 1,08                                     |          | 19,9          | 315 LA4 |                      |
|                                               | 93,1                                          | 18235                                   | 1,75                                     |          | 16,1          | 315 LA4 |                      |
|                                               | 116                                           | 14638                                   | 1,96                                     |          | 12,9          | 315 LA4 |                      |
|                                               | 145                                           | 11674                                   | 2,36                                     |          | 10,3          | 315 LA4 |                      |
|                                               | 185                                           | 9151                                    | 2,76                                     |          | 8,09          | 315 LA4 |                      |
|                                               | 95,6                                          | 17748                                   | 1,39                                     | MKH 2250 | 15,7          | 315 LA4 | 252-253              |
|                                               | 119                                           | 14208                                   | 1,41                                     |          | 12,6          | 315 LA4 |                      |
|                                               | 153                                           | 11108                                   | 2,11                                     |          | 9,82          | 315 LA4 |                      |
|                                               | 199                                           | 8507                                    | 2,10                                     |          | 7,52          | 315 LA4 |                      |
| 200                                           | 25,6                                          | 70307                                   | 1,05                                     | MKH 3360 | 39,1          | 355 MB6 | 276-277              |
|                                               | 27,8                                          | 64704                                   | 1,13                                     |          | 54,0          | 315 LB4 |                      |
|                                               | 29,8                                          | 60348                                   | 1,26                                     |          | 33,6          | 355 MB6 |                      |
|                                               | 31,1                                          | 57741                                   | 1,23                                     |          | 48,2          | 315 LB4 |                      |
|                                               | 31,5                                          | 57040                                   | 1,29                                     |          | 31,7          | 355 MB6 |                      |
|                                               | 36,3                                          | 49544                                   | 1,32                                     |          | 41,3          | 315 LB4 |                      |
|                                               | 36,7                                          | 48951                                   | 1,42                                     |          | 27,2          | 355 MB6 |                      |
|                                               | 38,4                                          | 46871                                   | 1,51                                     |          | 39,1          | 315 LB4 |                      |
|                                               | 44,7                                          | 40232                                   | 1,82                                     |          | 33,6          | 315 LB4 |                      |
|                                               | 47,3                                          | 38027                                   | 1,87                                     |          | 31,7          | 315 LB4 |                      |
|                                               | 55,1                                          | 32634                                   | 2,04                                     |          | 27,2          | 315 LB4 |                      |
|                                               | 42,1                                          | 43529                                   | 1,31                                     | MKH 2360 | 23,7          | 355 MB6 | 258-259              |
|                                               | 49,1                                          | 37348                                   | 1,31                                     |          | 20,4          | 355 MB6 |                      |
|                                               | 63,2                                          | 29020                                   | 1,88                                     |          | 23,7          | 315 LB4 |                      |
|                                               | 66,3                                          | 27681                                   | 2,40                                     |          | 15,1          | 355 MB6 |                      |
|                                               | 73,7                                          | 24898                                   | 1,89                                     |          | 20,4          | 315 LB4 |                      |
|                                               | 77,2                                          | 23755                                   | 2,41                                     |          | 13,0          | 355 MB6 |                      |
|                                               | 85,0                                          | 21572                                   | 2,94                                     |          | 11,8          | 355 MB6 |                      |
|                                               | 99,0                                          | 18527                                   | 2,94                                     |          | 10,1          | 355 MB6 |                      |
|                                               | 99,4                                          | 18454                                   | 3,47                                     |          | 15,1          | 315 LB4 |                      |
|                                               | 116                                           | 15837                                   | 3,47                                     |          | 13,0          | 315 LB4 |                      |
|                                               | 128                                           | 14381                                   | 4,24                                     |          | 11,8          | 315 LB4 |                      |
|                                               | 133                                           | 13813                                   | 2,94                                     |          | 7,53          | 355 MB6 |                      |
|                                               | 149                                           | 12351                                   | 4,24                                     | MKH 3320 | 10,1          | 315 LB4 | 274-275              |
|                                               | 199                                           | 9209                                    | 4,24                                     |          | 7,53          | 315 LB4 |                      |
|                                               | 37,3                                          | 48250                                   | 1,14                                     |          | 40,3          | 315 LB4 |                      |
|                                               | 37,7                                          | 47656                                   | 1,17                                     |          | 26,5          | 355 MB6 |                      |
|                                               | 37,8                                          | 47519                                   | 1,08                                     |          | 39,7          | 315 LB4 |                      |
|                                               | 45,9                                          | 39165                                   | 1,37                                     | MKH 3320 | 32,7          | 315 LB4 | 274-275              |
|                                               | 46,6                                          | 38554                                   | 1,34                                     |          | 32,2          | 315 LB4 |                      |
|                                               | 56,6                                          | 31771                                   | 1,68                                     |          | 26,5          | 315 LB4 |                      |
|                                               | 41,6                                          | 44116                                   | 1,10                                     | MKH 2320 | 24,1          | 355 MB6 | 256-257              |

| P <sub>1</sub><br>Potenza<br>Ingresso<br>[kW] | n <sub>2</sub><br>Velocità<br>uscita<br>[rpm] | M <sub>2</sub><br>Coppia uscita<br>[Nm] | F <sub>s</sub><br>Fattore di<br>servizio | Codice   | i<br>Rapporto | Motore  | Dim.pag<br>Dim. Page |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------------|----------|---------------|---------|----------------------|
| 200                                           | 50,4                                          | 36375                                   | 1,11                                     | MKH 2320 | 19,8          | 355 MB6 | 256-257              |
|                                               | 62,4                                          | 29411                                   | 1,58                                     |          | 24,1          | 315 LB4 |                      |
|                                               | 65,4                                          | 28047                                   | 1,73                                     |          | 15,3          | 355 MB6 |                      |
|                                               | 75,6                                          | 24250                                   | 1,60                                     |          | 19,8          | 315 LB4 |                      |
|                                               | 79,3                                          | 23131                                   | 1,74                                     |          | 12,6          | 355 MB6 |                      |
|                                               | 83,9                                          | 21866                                   | 2,25                                     |          | 11,9          | 355 MB6 |                      |
|                                               | 98,1                                          | 18698                                   | 2,50                                     |          | 15,3          | 315 LB4 |                      |
|                                               | 102                                           | 18032                                   | 2,27                                     |          | 9,83          | 355 MB6 |                      |
|                                               | 119                                           | 15421                                   | 2,51                                     |          | 12,6          | 315 LB4 |                      |
|                                               | 126                                           | 14577                                   | 3,25                                     |          | 11,9          | 315 LB4 |                      |
|                                               | 133                                           | 13758                                   | 2,83                                     |          | 7,50          | 355 MB6 |                      |
|                                               | 153                                           | 12021                                   | 3,27                                     |          | 9,83          | 315 LB4 |                      |
|                                               | 163                                           | 11281                                   | 2,94                                     | MKH 3280 | 6,15          | 355 MB6 | 272-273              |
|                                               | 200                                           | 9172                                    | 4,09                                     |          | 7,50          | 315 LB4 |                      |
|                                               | 244                                           | 7521                                    | 4,24                                     |          | 6,15          | 315 LB4 |                      |
|                                               | 57,1                                          | 31471                                   | 1,00                                     |          | 26,3          | 315 LB4 |                      |
|                                               | 60,4                                          | 30365                                   | 1,00                                     | MKH 2280 | 24,8          | 315 LB4 | 254-255              |
|                                               | 62,0                                          | 29570                                   | 1,13                                     |          | 16,1          | 355 MB6 |                      |
|                                               | 75,3                                          | 24373                                   | 1,00                                     |          | 19,9          | 315 LB4 |                      |
|                                               | 77,3                                          | 23737                                   | 1,26                                     |          | 12,9          | 355 MB6 |                      |
|                                               | 93,1                                          | 19713                                   | 1,62                                     |          | 16,1          | 315 LB4 |                      |
|                                               | 96,9                                          | 18931                                   | 1,51                                     |          | 10,3          | 355 MB6 |                      |
|                                               | 116                                           | 15824                                   | 1,82                                     |          | 12,9          | 315 LB4 |                      |
|                                               | 124                                           | 14840                                   | 1,77                                     |          | 8,09          | 355 MB6 |                      |
|                                               | 145                                           | 12620                                   | 2,18                                     |          | 10,3          | 315 LB4 |                      |
|                                               | 185                                           | 9893                                    | 2,55                                     |          | 8,09          | 315 LB4 |                      |
|                                               | 95,6                                          | 19187                                   | 1,29                                     | MKH 2250 | 15,7          | 315 LB4 | 252-253              |
|                                               | 102                                           | 18013                                   | 1,35                                     |          | 9,82          | 355 MB6 |                      |
|                                               | 119                                           | 15360                                   | 1,30                                     |          | 12,6          | 315 LB4 |                      |
|                                               | 133                                           | 13794                                   | 1,35                                     |          | 7,52          | 355 MB6 |                      |
|                                               | 153                                           | 12009                                   | 1,95                                     |          | 9,82          | 315 LB4 |                      |
|                                               | 199                                           | 9196                                    | 1,95                                     |          | 7,52          | 315 LB4 |                      |



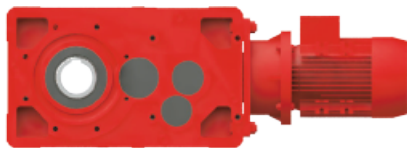


Fattori di servizio per combinazione riduttore con motore 1500rpm 4 poli

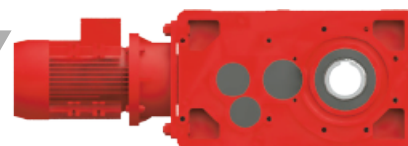
The connectivity of gearboxes with 1500 rpm and 4 poles motors and the service factor value for possible combinations listed in the following tables.

|                 | 2,2 kW<br>100 LA4 | 3 kW<br>100 LB4 | 4 kW<br>112 M4 | 5,5 kW<br>132 S4 | 7,5 kW<br>132 MA4 | 11 kW<br>160 M4 | 15 kW<br>160 L4 | 18,5 kW<br>180 M4 | 22 kW<br>180 L4 | 30 kW<br>200 L4 | 37 kW<br>225 S4 | 45 kW<br>225 M4 | 55 kW<br>250 M4 | 75 kW<br>280 S4 | 90 kW<br>280 M4 | 110 kW<br>315 S4 | 132 kW<br>315 MA4 | 160 kW<br>315 MB4 | 185 kW<br>315 LA4 | 200 kW<br>315 LB4 |
|-----------------|-------------------|-----------------|----------------|------------------|-------------------|-----------------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|-------------------|-------------------|-------------------|-------------------|
| MKH 2125 - 5,98 |                   |                 |                |                  |                   |                 | 3,19            | 2,59              | 2,18            | 1,60            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 2125 - 7,77 |                   |                 |                |                  |                   |                 | 3,19            | 2,59              | 2,18            | 1,60            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 2125 - 10,0 |                   |                 |                |                  |                   |                 | 3,09            | 2,51              | 2,11            | 1,55            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 2125 - 11,4 |                   |                 |                |                  |                   |                 | 2,68            | 2,17              | 1,83            | 1,34            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 2125 - 13,2 |                   |                 |                |                  |                   | 2,53            | 1,86            | 1,50              | 1,27            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 2125 - 15,1 |                   |                 |                |                  |                   | 2,26            | 1,66            | 1,35              | 1,13            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 2125 - 20,7 |                   |                 |                | 3,19             | 2,34              | 1,60            | 1,17            |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 2125 - 23,7 |                   |                 |                | 3,19             | 2,34              | 1,60            | 1,17            |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 2140 - 7,45 |                   |                 |                |                  |                   |                 | 3,18            | 2,57              | 2,17            | 1,59            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 2140 - 9,87 |                   |                 |                |                  |                   |                 | 3,18            | 2,58              | 2,17            | 1,59            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 2140 - 12,0 |                   |                 |                |                  |                   |                 | 3,19            | 2,58              | 2,17            | 1,59            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 2140 - 12,9 |                   |                 |                |                  |                   |                 | 2,00            | 1,63              | 1,37            | 1,00            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 2140 - 15,9 |                   |                 |                |                  |                   | 2,74            | 2,01            | 1,63              | 1,37            | 1,00            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 2140 - 20,4 |                   |                 |                | 3,21             | 2,35              | 1,60            | 1,18            | 0,95              |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 2140 - 25,0 |                   |                 |                | 3,21             | 2,36              | 1,61            | 1,18            | 0,95              |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3140 - 25,7 |                   |                 |                |                  | 3,07              | 2,09            | 1,53            | 1,24              | 1,05            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3140 - 31,2 |                   |                 |                |                  | 2,85              | 1,94            | 1,42            | 1,16              | 0,97            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3140 - 38,3 |                   |                 |                | 2,80             | 2,05              | 1,40            | 1,03            |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3140 - 38,7 |                   |                 |                | 3,20             | 2,35              | 1,60            | 1,17            |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3140 - 40,9 |                   |                 | 3,44           | 2,50             | 1,83              | 1,25            |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3140 - 50,7 |                   |                 | 3,33           | 2,42             | 1,78              | 1,21            |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3140 - 63,8 |                   |                 | 2,68           | 1,95             | 1,43              | 0,97            |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3140 - 78,3 | 3,39              | 2,49            | 1,86           | 1,36             | 0,99              |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3140 - 95,2 | 2,83              | 2,08            | 1,56           | 1,13             |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3140 - 97,8 | 3,33              | 2,44            | 1,83           | 1,33             |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3140 - 120  | 2,33              | 1,71            | 1,28           |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |

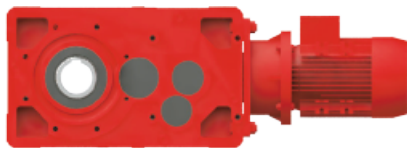




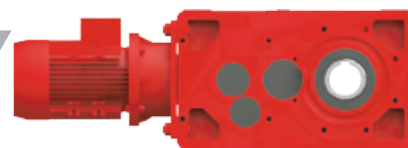
|                 | 2,2 kW<br>100 LA4 | 3 kW<br>100 LB4 | 4 kW<br>112 M4 | 5,5 kW<br>132 S4 | 7,5 kW<br>132 MA4 | 11 kW<br>160 M4 | 15 kW<br>160 L4 | 18,5 kW<br>180 M4 | 22 kW<br>180 L4 | 30 kW<br>200 L4 | 37 kW<br>225 S4 | 45 kW<br>225 M4 | 55 kW<br>250 M4 | 75 kW<br>280 S4 | 90 kW<br>280 M4 | 110 kW<br>315 S4 | 132 kW<br>315 MA4 | 160 kW<br>315 MB4 | 185 kW<br>315 LA4 | 200 kW<br>315 LB4 |
|-----------------|-------------------|-----------------|----------------|------------------|-------------------|-----------------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|-------------------|-------------------|-------------------|-------------------|
| MKH 2160 - 6,43 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 | 2,75            | 2,26            |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 2160 - 7,93 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 | 2,76            | 2,27            |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 2160 - 10,2 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 | 2,71            | 2,23            |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 2160 - 12,8 |                   |                 |                |                  |                   |                 |                 |                   | 2,89            | 2,12            | 1,72            | 1,41            |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 2160 - 15,7 |                   |                 |                |                  |                   |                 |                 | 2,89              | 2,43            | 1,78            | 1,45            | 1,19            |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 2160 - 20,4 |                   |                 |                |                  |                   |                 | 2,57            | 2,08              | 1,75            | 1,28            | 1,04            |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 2160 - 25,0 |                   |                 |                |                  |                   |                 | 2,55            | 2,07              | 1,74            | 1,28            | 1,03            |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3160 - 24,3 |                   |                 |                |                  |                   |                 |                 | 2,40              | 2,02            | 1,48            | 1,20            | 0,99            |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3160 - 31,7 |                   |                 |                |                  |                   | 3,06            | 2,24            | 1,82              | 1,53            | 1,12            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3160 - 38,8 |                   |                 |                |                  |                   | 2,29            | 1,68            | 1,36              | 1,14            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3160 - 40,9 |                   |                 |                |                  |                   | 2,36            | 1,73            | 1,40              | 1,18            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3160 - 41,6 |                   |                 |                |                  | 3,40              | 2,32            | 1,70            | 1,38              | 1,16            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3160 - 51,1 |                   |                 |                |                  | 2,53              | 1,73            | 1,27            | 1,03              |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3160 - 53,8 |                   |                 |                |                  | 2,62              | 1,79            | 1,31            | 1,06              |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3160 - 61,7 |                   |                 |                | 3,12             | 2,29              | 1,56            | 1,14            |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3160 - 66,0 |                   |                 |                | 2,67             | 1,96              | 1,34            | 0,98            |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3160 - 75,5 |                   |                 |                | 2,33             | 1,71              | 1,16            |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3160 - 84,8 |                   |                 | 3,20           | 2,33             | 1,71              | 1,16            |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3160 - 96,9 |                   |                 | 2,88           | 2,10             | 1,54              | 1,05            |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3160 - 103  |                   |                 | 2,40           | 1,74             | 1,28              |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3160 - 118  |                   | 2,86            | 2,14           | 1,56             | 1,14              |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 2180 - 7,68 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 | 2,76            | 2,27            | 1,86            |                 |                 |                  |                   |                   |                   |                   |
| MKH 2180 - 10,2 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 | 2,77            | 2,27            | 1,86            |                 |                 |                  |                   |                   |                   |                   |
| MKH 2180 - 12,3 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 | 2,69            | 2,21            | 1,81            |                 |                 |                  |                   |                   |                   |                   |
| MKH 2180 - 12,9 |                   |                 |                |                  |                   |                 |                 |                   | 2,89            | 2,12            | 1,72            | 1,41            | 1,16            |                 |                 |                  |                   |                   |                   |                   |
| MKH 2180 - 15,5 |                   |                 |                |                  |                   |                 |                 |                   | 2,87            | 2,11            | 1,71            | 1,40            | 1,15            |                 |                 |                  |                   |                   |                   |                   |
| MKH 2180 - 20,4 |                   |                 |                |                  |                   |                 | 2,58            | 2,10              | 1,76            | 1,29            | 1,05            |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 2180 - 24,6 |                   |                 |                |                  |                   |                 | 2,59            | 2,10              | 1,77            | 1,30            | 1,05            |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3180 - 24,4 |                   |                 |                |                  |                   |                 |                 | 2,20              | 2,62            | 1,62            | 1,31            | 1,08            |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3180 - 29,3 |                   |                 |                |                  |                   |                 |                 | 2,18              | 2,59            | 1,60            | 1,30            | 1,07            |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3180 - 31,7 |                   |                 |                |                  |                   |                 | 2,84            | 1,93              | 2,30            | 1,42            | 1,15            |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3180 - 38,7 |                   |                 |                |                  |                   | 2,74            | 2,01            | 1,37              | 1,63            | 1,01            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3180 - 41,8 |                   |                 |                |                  |                   | 2,73            | 2,00            | 1,36              | 1,62            | 1,00            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3180 - 50,3 |                   |                 |                |                  |                   | 2,64            | 1,94            | 1,32              | 1,57            | 0,97            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3180 - 54,0 |                   |                 |                |                  |                   | 2,30            | 1,69            | 1,15              | 1,37            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3180 - 61,8 |                   |                 |                |                  | 2,95              | 2,01            | 1,48            | 1,01              | 1,20            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3180 - 65,0 |                   |                 |                |                  | 2,99              | 2,04            | 1,50            | 1,02              | 1,21            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3180 - 74,4 |                   |                 |                |                  | 2,61              | 1,78            | 1,30            |                   | 1,06            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3180 - 79,1 |                   |                 |                | 3,20             | 2,35              | 1,60            | 1,17            |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3180 - 84,9 |                   |                 |                | 2,86             | 2,09              | 1,43            | 1,05            |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3180 - 97,1 |                   |                 | 3,46           | 2,51             | 1,84              | 1,26            |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3180 - 102  |                   |                 | 3,67           | 2,67             | 1,96              | 1,34            | 0,98            |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3180 - 116  |                   |                 | 3,26           | 2,37             | 1,74              | 1,19            |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |



|                 | 2,2 kW<br>100 LA4 | 3 kW<br>100 LB4 | 4 kW<br>112 M4 | 5,5 kW<br>132 S4 | 7,5 kW<br>132 MA4 | 11 kW<br>160 M4 | 15 kW<br>160 L4 | 18,5 kW<br>180 M4 | 22 kW<br>180 L4 | 30 kW<br>200 L4 | 37 kW<br>225 S4 | 45 kW<br>225 M4 | 55 kW<br>250 M4 | 75 kW<br>280 S4 | 90 kW<br>280 M4 | 110 kW<br>315 S4 | 132 kW<br>315 MA4 | 160 kW<br>315 MB4 | 185 kW<br>315 LA4 | 200 kW<br>315 LB4 |
|-----------------|-------------------|-----------------|----------------|------------------|-------------------|-----------------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|-------------------|-------------------|-------------------|-------------------|
| MKH 2200 - 6,45 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 2,69            | 2,24            |                  |                   |                   |                   |                   |
| MKH 2200 - 8,26 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 2,67            | 2,22            |                  |                   |                   |                   |                   |
| MKH 2200 - 10,6 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 3,03            | 2,22            | 1,85            |                  |                   |                   |                   |                   |
| MKH 2200 - 12,7 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 2,66            | 1,95            | 1,63            |                  |                   |                   |                   |                   |
| MKH 2200 - 13,2 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 2,38            | 1,74            | 1,45            |                  |                   |                   |                   |                   |
| MKH 2200 - 15,7 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 2,14            | 1,57            | 1,31            |                  |                   |                   |                   |                   |
| MKH 2200 - 20,6 |                   |                 |                |                  |                   |                 |                 |                   |                 | 2,22            | 1,83            | 1,50            | 1,10            |                 |                 |                  |                   |                   |                   |                   |
| MKH 2200 - 24,6 |                   |                 |                |                  |                   |                 |                 |                   | 2,48            | 2,01            | 1,65            | 1,35            | 0,99            |                 |                 |                  |                   |                   |                   |                   |
| MKH 3200 - 26,5 |                   |                 |                |                  |                   |                 |                 |                   |                 | 2,12            | 1,74            | 1,43            | 1,05            |                 |                 |                  |                   |                   |                   |                   |
| MKH 3200 - 32,7 |                   |                 |                |                  |                   |                 |                 | 2,96              | 2,17            | 1,76            | 1,45            | 1,18            |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3200 - 38,9 |                   |                 |                |                  |                   |                 | 2,57            | 2,16              | 1,58            | 1,28            | 1,06            |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3200 - 41,2 |                   |                 |                |                  |                   |                 | 2,79            | 2,34              | 1,72            | 1,39            | 1,15            |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3200 - 49,1 |                   |                 |                |                  |                   |                 | 2,50            | 2,03              | 1,70            | 1,25            | 1,01            |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3200 - 53,2 |                   |                 |                |                  |                   |                 | 2,65            | 2,15              | 1,81            | 1,33            | 1,08            |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3200 - 61,9 |                   |                 |                |                  |                   | 3,10            | 2,27            | 1,84              | 1,55            | 1,14            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3200 - 63,4 |                   |                 |                |                  |                   | 2,63            | 1,93            | 1,57              | 1,32            | 0,97            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3200 - 73,7 |                   |                 |                |                  |                   | 2,26            | 1,66            | 1,35              | 1,13            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3200 - 77,9 |                   |                 |                |                  |                   | 2,14            | 1,57            | 1,27              | 1,07            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3200 - 84,3 |                   |                 |                |                  | 3,43              | 2,34            | 1,71            | 1,39              | 1,17            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3200 - 98,1 |                   |                 |                |                  | 3,00              | 2,05            | 1,50            | 1,22              | 1,02            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3200 - 116  |                   |                 |                | 2,98             | 2,19              | 1,49            | 1,09            |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 2225 - 10,7 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 2,67            | 2,22            |                  |                   |                   |                   |                   |
| MKH 2225 - 12,9 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 2,62            | 2,18            |                  |                   |                   |                   |                   |
| MKH 2225 - 13,2 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 2,70            | 1,98            | 1,65            |                  |                   |                   |                   |                   |
| MKH 2225 - 16,0 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 2,60            | 1,91            | 1,59            |                  |                   |                   |                   |                   |
| MKH 2225 - 20,7 |                   |                 |                |                  |                   |                 |                 |                   | 2,72            | 2,20            | 1,81            | 1,48            | 1,09            |                 |                 |                  |                   |                   |                   |                   |
| MKH 2225 - 25,0 |                   |                 |                |                  |                   |                 |                 |                   | 2,73            | 2,21            | 1,82            | 1,49            | 1,09            |                 |                 |                  |                   |                   |                   |                   |
| MKH 3225 - 26,6 |                   |                 |                |                  |                   |                 |                 |                   |                 | 2,71            | 2,23            | 1,82            | 1,34            | 1,11            |                 |                  |                   |                   |                   |                   |
| MKH 3225 - 32,8 |                   |                 |                |                  |                   |                 |                 |                   | 2,75            | 2,23            | 1,83            | 1,50            | 1,10            |                 |                 |                  |                   |                   |                   |                   |
| MKH 3225 - 39,5 |                   |                 |                |                  |                   |                 |                 | 2,93              | 2,15            | 1,74            | 1,43            | 1,17            |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3225 - 41,3 |                   |                 |                |                  |                   |                 |                 | 2,90              | 2,12            | 1,72            | 1,42            | 1,16            |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3225 - 49,9 |                   |                 |                |                  |                   |                 |                 | 2,76              | 2,32            | 1,70            | 1,38            | 1,13            |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3225 - 53,3 |                   |                 |                |                  |                   |                 |                 | 2,96              | 2,49            | 1,82            | 1,48            | 1,22            | 1,00            |                 |                 |                  |                   |                   |                   |                   |
| MKH 3225 - 62,0 |                   |                 |                |                  |                   |                 | 3,14            | 2,54              | 2,14            | 1,57            | 1,27            | 1,05            |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3225 - 64,3 |                   |                 |                |                  |                   |                 | 2,62            | 2,12              | 1,78            | 1,31            | 1,06            |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3225 - 74,9 |                   |                 |                |                  |                   | 3,06            | 2,24            | 1,82              | 1,53            | 1,12            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3225 - 79,1 |                   |                 |                |                  |                   | 2,90            | 2,13            | 1,72              | 1,45            | 1,06            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3225 - 84,5 |                   |                 |                |                  |                   | 3,14            | 2,30            | 1,87              | 1,57            | 1,15            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3225 - 98,3 |                   |                 |                |                  |                   | 2,74            | 2,01            | 1,63              | 1,37            | 1,01            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3225 - 102  |                   |                 |                |                  | 3,37              | 2,30            | 1,68            | 1,37              | 1,15            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3225 - 118  |                   |                 |                |                  | 2,98              | 2,03            | 1,49            | 1,21              | 1,02            |                 |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |



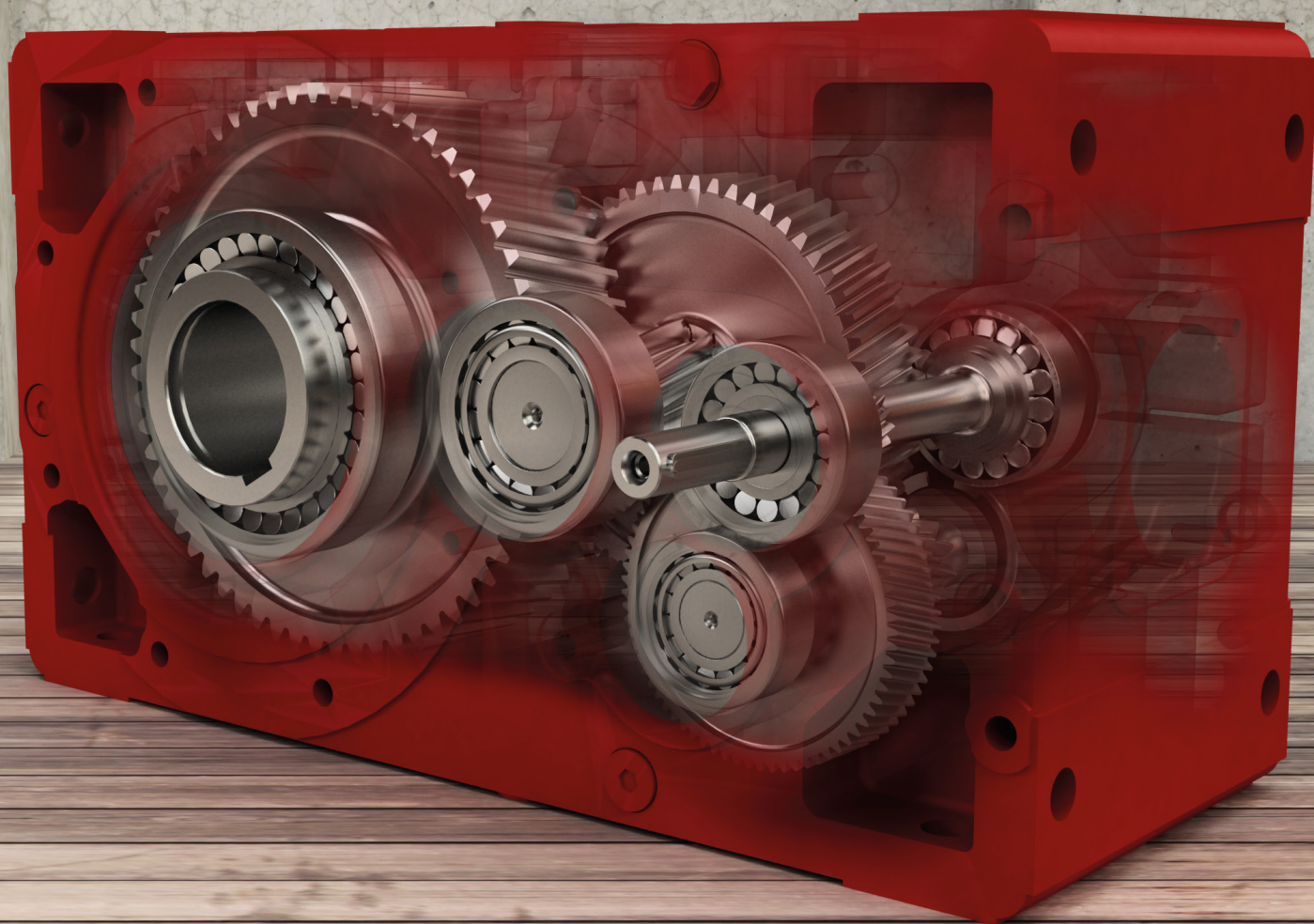
|                 | 2,2 kW<br>100 LA4 | 3 kW<br>100 LB4 | 4 kW<br>112 M4 | 5,5 kW<br>132 S4 | 7,5 kW<br>132 MA4 | 11 kW<br>160 M4 | 15 kW<br>160 L4 | 18,5 kW<br>180 M4 | 22 kW<br>180 L4 | 30 kW<br>200 L4 | 37 kW<br>225 S4 | 45 kW<br>225 M4 | 55 kW<br>250 M4 | 75 kW<br>280 S4 | 90 kW<br>280 M4 | 110 kW<br>315 S4 | 132 kW<br>315 MA4 | 160 kW<br>315 MB4 | 185 kW<br>315 LA4 | 200 kW<br>315 LB4 |
|-----------------|-------------------|-----------------|----------------|------------------|-------------------|-----------------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|-------------------|-------------------|-------------------|-------------------|
| MKH 2250 - 7,52 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  | 2,95              | 2,43              | 2,10              | 1,95              |
| MKH 2250 - 9,82 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  | 2,95              | 2,44              | 2,11              | 1,95              |
| MKH 2250 - 12,5 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 | 2,37             | 1,97              | 1,63              | 1,41              | 1,30              |
| MKH 2250 - 15,6 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 | 2,34             | 1,95              | 1,61              | 1,39              | 1,29              |
| MKH 2250 - 19,9 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 2,87            | 2,11            | 1,76            | 1,44             | 1,20              | 0,99              |                   |                   |
| MKH 2250 - 24,8 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 2,87            | 2,10            | 1,75            | 1,43             | 1,20              | 0,99              |                   |                   |
| MKH 3250 - 26,2 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 3,13            | 2,30            | 1,92            | 1,57             | 1,31              | 1,08              |                   |                   |
| MKH 3250 - 33,5 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 | 2,59            | 2,13            | 2,44            | 1,79            | 1,49            | 1,22             | 1,02              |                   |                   |                   |
| MKH 3250 - 41,9 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 | 2,80            | 2,30            | 1,74            | 1,28            | 1,06            |                  |                   |                   |                   |                   |
| MKH 3250 - 43,3 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 | 2,80            | 2,30            | 1,88            | 1,38            | 1,15            |                  |                   |                   |                   |                   |
| MKH 3250 - 51,6 |                   |                 |                |                  |                   |                 |                 |                   |                 | 2,88            | 2,34            | 1,92            | 1,57            | 1,15            |                 |                  |                   |                   |                   |                   |
| MKH 3250 - 53,7 |                   |                 |                |                  |                   |                 |                 |                   |                 | 2,77            | 2,25            | 1,85            | 1,51            | 1,11            |                 |                  |                   |                   |                   |                   |
| MKH 3250 - 64,0 |                   |                 |                |                  |                   |                 |                 |                   | 3,16            | 2,32            | 1,88            | 1,54            | 1,26            |                 |                 |                  |                   |                   |                   |                   |
| MKH 3250 - 67,1 |                   |                 |                |                  |                   |                 |                 |                   | 2,70            | 1,98            | 1,61            | 1,32            | 1,08            |                 |                 |                  |                   |                   |                   |                   |
| MKH 3250 - 79,9 |                   |                 |                |                  |                   |                 |                 | 2,70              | 2,27            | 1,66            | 1,35            | 1,11            |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3250 - 81,2 |                   |                 |                |                  |                   |                 |                 | 2,64              | 2,22            | 1,63            | 1,32            | 1,09            |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3250 - 83,9 |                   |                 |                |                  |                   |                 |                 | 2,93              | 2,47            | 1,81            | 1,47            | 1,21            |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3250 - 100  |                   |                 |                |                  |                   |                 | 3,12            | 2,53              | 2,12            | 1,56            | 1,26            | 1,04            |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3250 - 104  |                   |                 |                |                  |                   |                 | 2,61            | 2,12              | 1,78            | 1,30            | 1,06            |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 3250 - 124  |                   |                 |                |                  |                   | 3,05            | 2,23            | 1,81              | 1,52            | 1,12            |                 |                 |                 |                 |                 |                  |                   |                   |                   |                   |
| MKH 2280 - 8,09 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   | 2,76              | 2,55              |
| MKH 2280 - 10,3 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   | 2,73              | 2,36              | 2,18              |
| MKH 2280 - 12,9 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  | 2,75              | 2,27              | 1,96              | 1,82              |
| MKH 2280 - 16,1 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 | 2,95             | 2,46              | 2,03              | 1,75              | 1,62              |
| MKH 2280 - 19,9 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 2,66            | 2,22            | 1,81             | 1,51              | 1,25              | 1,08              | 1,00              |
| MKH 2280 - 24,8 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 2,66            | 2,22            | 1,81             | 1,51              | 1,25              | 1,08              | 1,00              |
| MKH 3280 - 26,2 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 2,68            | 2,23            | 1,83             | 1,52              | 1,26              | 1,09              | 1,00              |
| MKH 3280 - 33,6 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 2,61            | 2,18            | 1,78             | 1,49              | 1,23              | 1,06              |                   |
| MKH 3280 - 41,8 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 2,54            | 1,86            | 1,55            | 1,27             | 1,06              |                   |                   |                   |
| MKH 3280 - 43,4 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 2,61            | 1,91            | 1,59            | 1,30             | 1,09              |                   |                   |                   |
| MKH 3280 - 51,7 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 | 2,67            | 2,19            | 1,60            | 1,34            | 1,09             |                   |                   |                   |                   |
| MKH 3280 - 53,7 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 | 2,69            | 2,20            | 1,61            | 1,34            | 1,10             |                   |                   |                   |                   |
| MKH 3280 - 64,0 |                   |                 |                |                  |                   |                 |                 |                   | 3,23            | 2,62            | 2,15            | 1,76            | 1,29            | 1,08            |                 |                  |                   |                   |                   |                   |
| MKH 3280 - 67,0 |                   |                 |                |                  |                   |                 |                 |                   | 2,85            | 2,31            | 1,90            | 1,55            | 1,14            |                 |                 |                  |                   |                   |                   |                   |
| MKH 3280 - 79,8 |                   |                 |                |                  |                   |                 |                 |                   | 2,38            | 1,93            | 1,59            | 1,30            | 0,95            |                 |                 |                  |                   |                   |                   |                   |
| MKH 3280 - 81,1 |                   |                 |                |                  |                   |                 |                 |                   | 2,35            | 1,90            | 1,56            | 1,28            | 0,94            |                 |                 |                  |                   |                   |                   |                   |
| MKH 3280 - 84,0 |                   |                 |                |                  |                   |                 |                 |                   | 2,65            | 2,15            | 1,77            | 1,44            | 1,06            |                 |                 |                  |                   |                   |                   |                   |
| MKH 3280 - 100  |                   |                 |                |                  |                   |                 |                 |                   | 2,78            | 2,04            | 1,66            | 1,36            | 1,11            |                 |                 |                  |                   |                   |                   |                   |
| MKH 3280 - 104  |                   |                 |                |                  |                   |                 |                 |                   | 2,54            | 1,86            | 1,51            | 1,24            | 1,01            |                 |                 |                  |                   |                   |                   |                   |
| MKH 3280 - 124  |                   |                 |                |                  |                   |                 |                 |                   | 2,19            | 1,61            | 1,30            | 1,07            |                 |                 |                 |                  |                   |                   |                   |                   |



|                 | 2,2 kW<br>100 LA4 | 3 kW<br>100 LB4 | 4 kW<br>112 M4 | 5,5 kW<br>132 S4 | 7,5 kW<br>132 MA4 | 11 kW<br>160 M4 | 15 kW<br>160 L4 | 18,5 kW<br>180 M4 | 22 kW<br>180 L4 | 30 kW<br>200 L4 | 37 kW<br>225 S4 | 45 kW<br>225 M4 | 55 kW<br>250 M4 | 75 kW<br>280 S4 | 90 kW<br>280 M4 | 110 kW<br>315 S4 | 132 kW<br>315 MA4 | 160 kW<br>315 MB4 | 185 kW<br>315 LA4 | 200 kW<br>315 LB4 |
|-----------------|-------------------|-----------------|----------------|------------------|-------------------|-----------------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|-------------------|-------------------|-------------------|-------------------|
| MKH 2320 - 6,15 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   | 4,59              | 4,24              |
| MKH 2320 - 7,50 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   | 4,42              | 4,09              |
| MKH 2320 - 9,83 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   | 3,53              | 3,27              |
| MKH 2320 - 11,9 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   | 3,52              | 3,25              |
| MKH 2320 - 12,6 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   | 3,14              | 2,72              | 2,51              |
| MKH 2320 - 15,2 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   | 3,12              | 2,70              | 2,50              |
| MKH 2320 - 19,8 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 | 2,91             | 2,42              | 2,00              | 1,73              | 1,60              |
| MKH 2320 - 24,0 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 | 2,87             | 2,40              | 1,98              | 1,71              | 1,58              |
| MKH 3320 - 26,5 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 | 3,06             | 2,55              | 2,10              | 1,82              | 1,68              |
| MKH 3320 - 32,1 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 | 2,97            | 2,43             | 2,02              | 1,67              | 1,44              | 1,34              |
| MKH 3320 - 32,6 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 | 3,06            | 2,50             | 2,08              | 1,72              | 1,49              | 1,37              |
| MKH 3320 - 39,6 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 2,88            | 2,40            | 1,96             | 1,64              | 1,35              | 1,17              | 1,08              |
| MKH 3320 - 40,2 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 3,04            | 2,53            | 2,07             | 1,73              | 1,42              | 1,23              | 1,14              |
| MKH 3320 - 48,8 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 3,17            | 2,32            | 1,94            | 1,58             | 1,32              | 1,09              |                   |                   |
| MKH 3320 - 52,5 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 3,27            | 2,40            | 2,00            | 1,63             | 1,36              | 1,12              |                   |                   |
| MKH 3320 - 63,7 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 | 2,97            | 2,43            | 1,78            | 1,48            | 1,21             | 1,01              |                   |                   |                   |
| MKH 3320 - 65,7 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 | 3,22            | 2,63            | 1,93            | 1,61            | 1,32             | 1,10              |                   |                   |                   |
| MKH 3320 - 79,6 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 | 2,87            | 2,36            | 1,93            | 1,41            | 1,18            | 0,96             |                   |                   |                   |                   |
| MKH 3320 - 84,4 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 | 3,14            | 2,58            | 2,11            | 1,55            | 1,29            | 1,06             |                   |                   |                   |                   |
| MKH 3320 - 102  |                   |                 |                |                  |                   |                 |                 |                   |                 | 2,82            | 2,29            | 1,88            | 1,54            | 1,13            | 0,94            |                  |                   |                   |                   |                   |
| MKH 3320 - 105  |                   |                 |                |                  |                   |                 |                 |                   |                 | 3,19            | 2,59            | 2,13            | 1,74            | 1,28            | 1,06            |                  |                   |                   |                   |                   |
| MKH 3320 - 128  |                   |                 |                |                  |                   |                 |                 |                   |                 | 2,33            | 1,89            | 1,55            | 1,27            |                 |                 |                  |                   |                   |                   |                   |
| MKH 2360 - 7,53 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   | 4,58              | 4,24              |
| MKH 2360 - 10,1 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   | 4,58              | 4,24              |
| MKH 2360 - 11,7 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   | 4,59              | 4,24              |
| MKH 2360 - 12,9 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   | 3,75              | 3,47              |
| MKH 2360 - 15,0 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  |                   |                   | 3,75              | 3,47              |
| MKH 2360 - 20,3 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  | 2,87              | 2,37              | 2,05              | 1,89              |
| MKH 2360 - 23,7 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  | 2,86              | 2,36              | 2,04              | 1,88              |
| MKH 3360 - 27,2 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  | 3,10              | 2,55              | 2,21              | 2,04              |
| MKH 3360 - 31,7 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  | 2,83              | 2,33              | 2,02              | 1,87              |
| MKH 3360 - 33,5 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 |                  | 2,76              | 2,28              | 1,97              | 1,82              |
| MKH 3360 - 39,1 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 |                 | 2,75             | 2,30              | 1,89              | 1,64              | 1,51              |
| MKH 3360 - 41,3 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 | 2,92            | 2,39             | 1,99              | 1,65              | 1,42              | 1,32              |
| MKH 3360 - 48,1 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 |                 | 2,73            | 2,24             | 1,86              | 1,54              | 1,33              | 1,23              |
| MKH 3360 - 53,9 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 |                 | 3,03            | 2,52            | 2,06             | 1,72              | 1,42              | 1,23              | 1,13              |
| MKH 3360 - 62,9 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 3,38            | 2,48            | 2,07            | 1,69             | 1,41              | 1,16              | 1,01              |                   |
| MKH 3360 - 67,4 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 |                 | 3,30            | 2,42            | 2,02            | 1,65             | 1,38              | 1,13              | 0,98              |                   |
| MKH 3360 - 78,6 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 | 3,29            | 2,70            | 1,98            | 1,65            | 1,35             | 1,12              |                   |                   |                   |
| MKH 3360 - 86,7 |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 | 2,72            | 2,23            | 1,63            | 1,36            | 1,11             |                   |                   |                   |                   |
| MKH 3360 - 101  |                   |                 |                |                  |                   |                 |                 |                   |                 |                 |                 | 2,61            | 2,13            | 1,56            | 1,30            | 1,07             |                   |                   |                   |                   |
| MKH 3360 - 108  |                   |                 |                |                  |                   |                 |                 |                   |                 |                 | 3,06            | 2,51            | 2,06            | 1,51            | 1,26            | 1,03             |                   |                   |                   |                   |
| MKH 3360 - 126  |                   |                 |                |                  |                   |                 |                 |                   |                 |                 | 2,54            | 2,09            | 1,71            | 1,25            | 1,04            |                  |                   |                   |                   |                   |



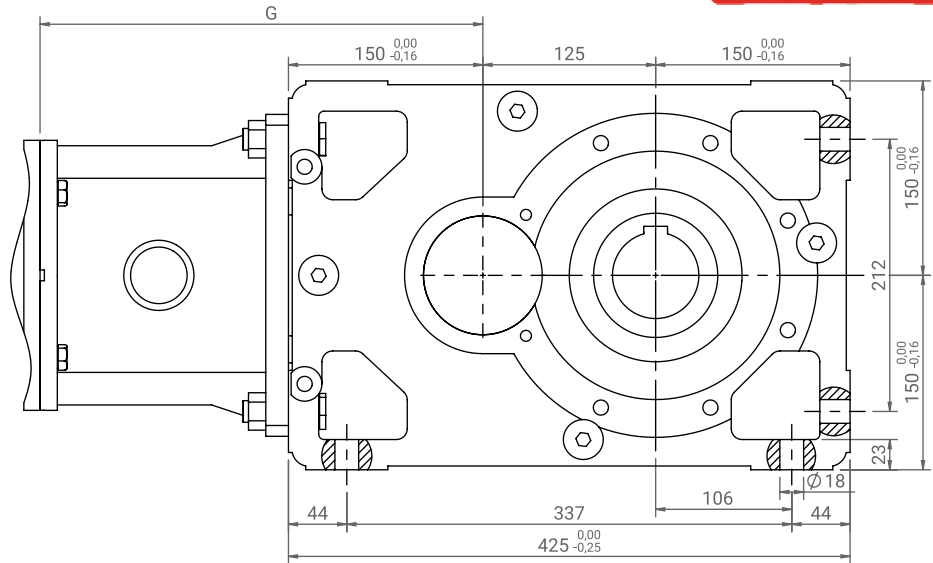
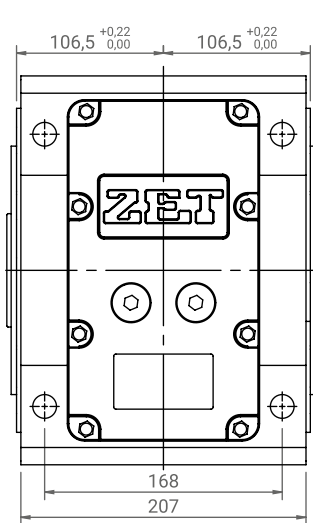
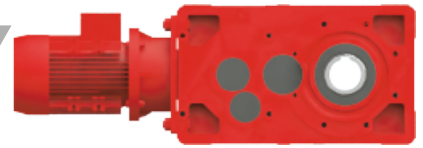
**ZET**  
R e d ü k t ö r



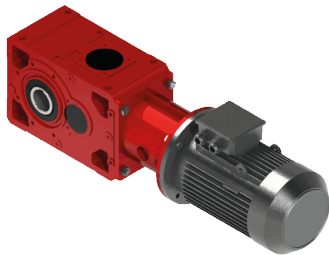
THE HEART OF QUALITY REDUCTION GEARS:  
THE HIGH-TECHNOLOGY PRODUCTION

[www.mech-web.com](http://www.mech-web.com)  
[info@zetreduktor.com](mailto:info@zetreduktor.com)

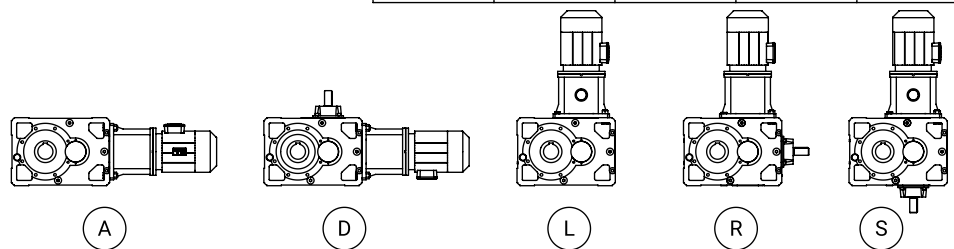




**Conf. albero ingresso**  
Input Shaft Configurations

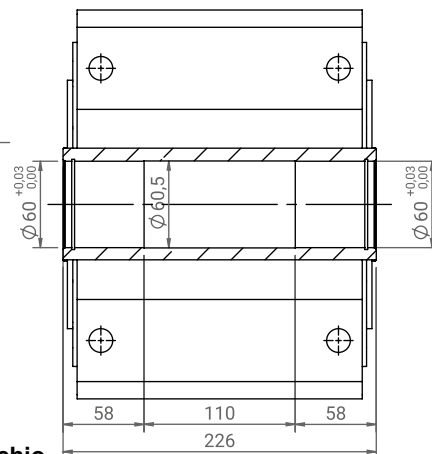
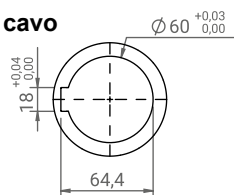


| Rapporto<br>Raito | G      |        |        |        |
|-------------------|--------|--------|--------|--------|
|                   | 132 B5 | 160 B5 | 180 B5 | 200 B5 |
| i>17              | 348    | 387    | -      | -      |
| 17>i>12           | -      | 402    | 402    | -      |
| i<12              | -      | 422    | 422    | 424    |

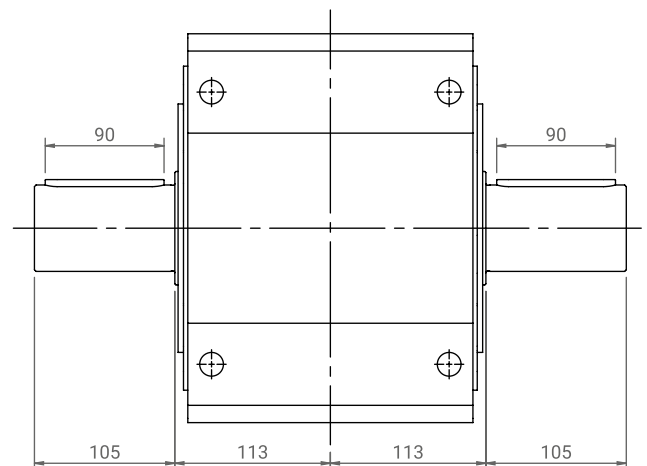
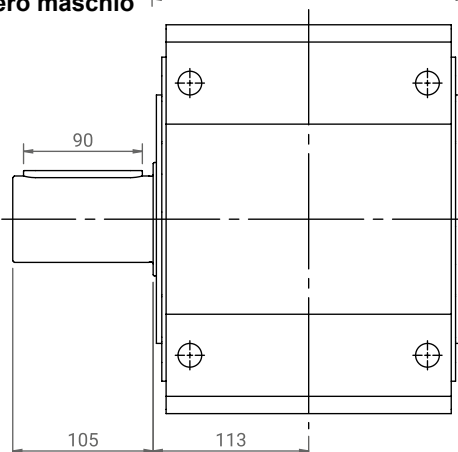
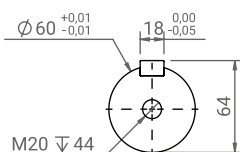


**Conf. Albero uscita**  
Output Shaft Configurations

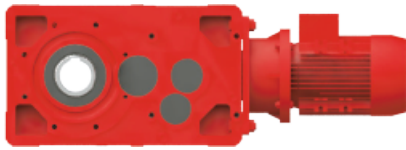
**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft







**ZET**  
R e d ü k t ö r

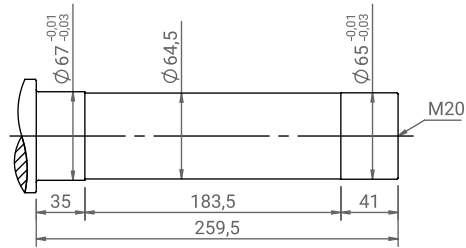
## MKH 2125

Dimensioni / Dimension Sheets

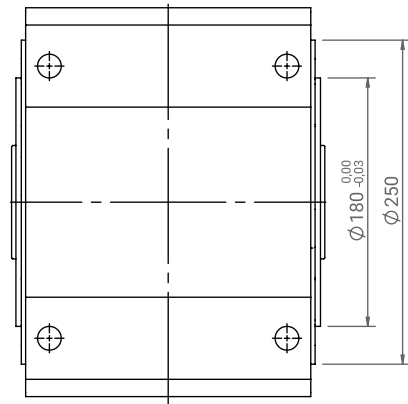
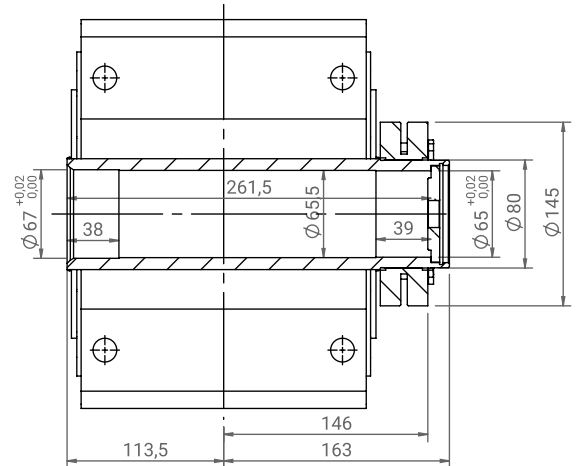
### Conf. Albero uscita

Output Shaft Configurations

SR / SL

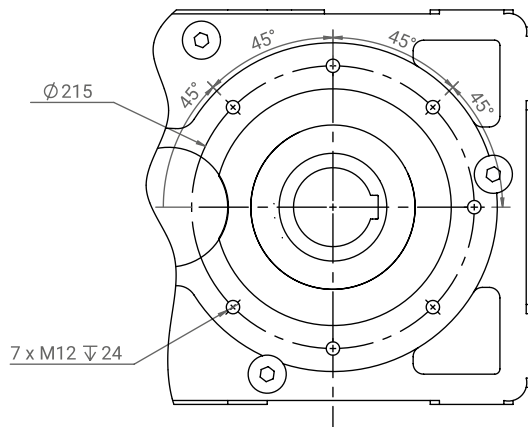


Albero esterno Customer Shaft



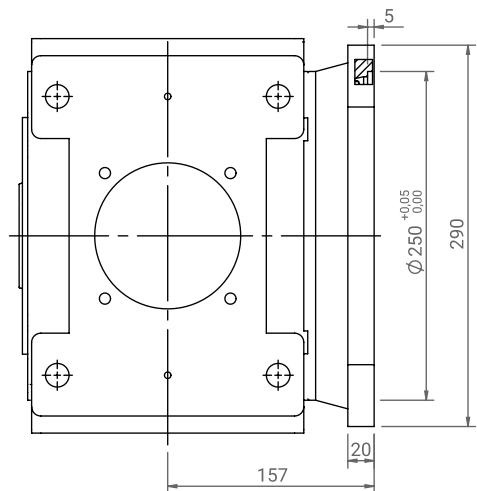
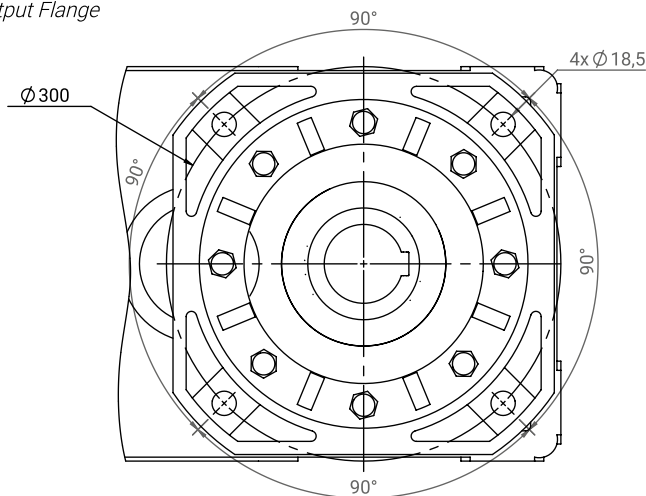
### Dimensioni montaggio laterale

Side View Mounting Dimensions



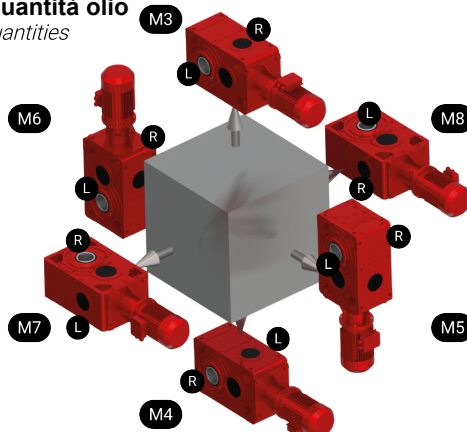
### FR 290 / Flangia uscita

Output Flange



### Posizioni montaggio e quantità olio

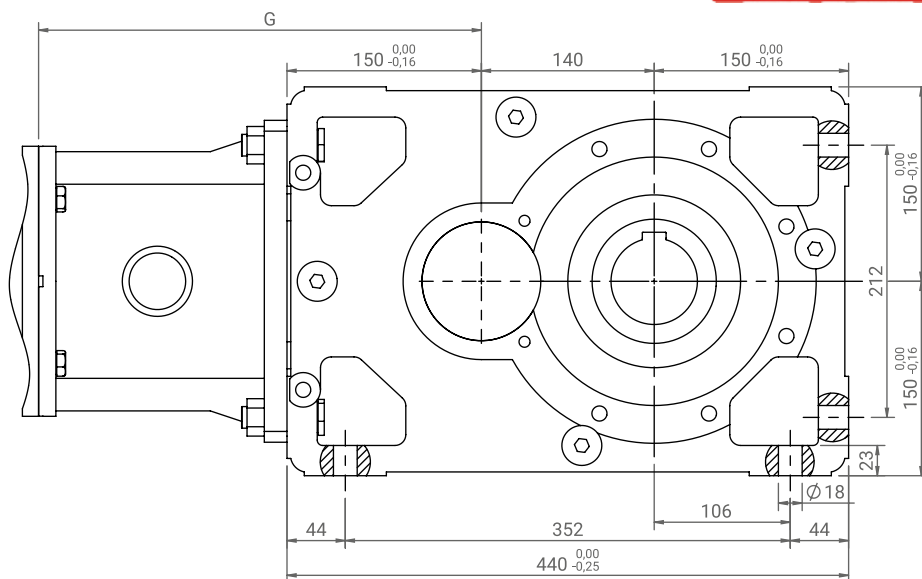
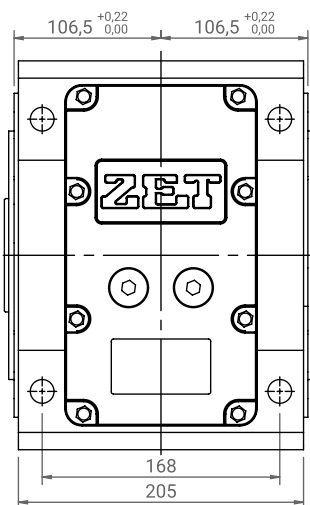
Mounting Positions\* and Oil Quantities



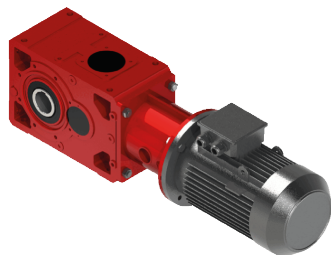
Peso incluso flangia PAM 160 B5  
WEIGHT INCLUDING 160 B5 MOTOR FLANGE

| MKH 2125 Quantità olio |    |    |    | OIL QUANTITIES (L) |    |
|------------------------|----|----|----|--------------------|----|
| M3                     | M4 | M5 | M6 | M7                 | M8 |
| 7                      | 7  | 8  | 9  | 10                 | 10 |

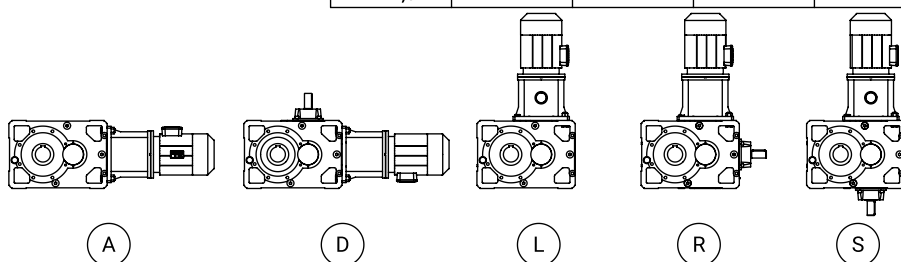
\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



**Conf. albero ingresso**  
Input Shaft Configurations

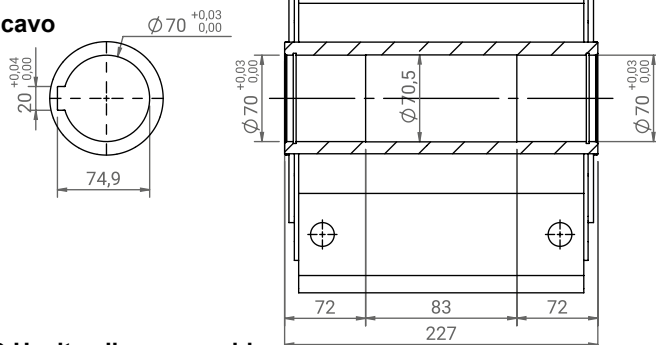


| Rapporto<br>Raito | G      |        |        |        |
|-------------------|--------|--------|--------|--------|
|                   | 132 B5 | 160 B5 | 180 B5 | 200 B5 |
| i>17              | 348    | 387    | 387    | -      |
| 17>i>12,5         | -      | 402    | 402    | 404    |
| i<12,5            | -      | 422    | 422    | 424    |

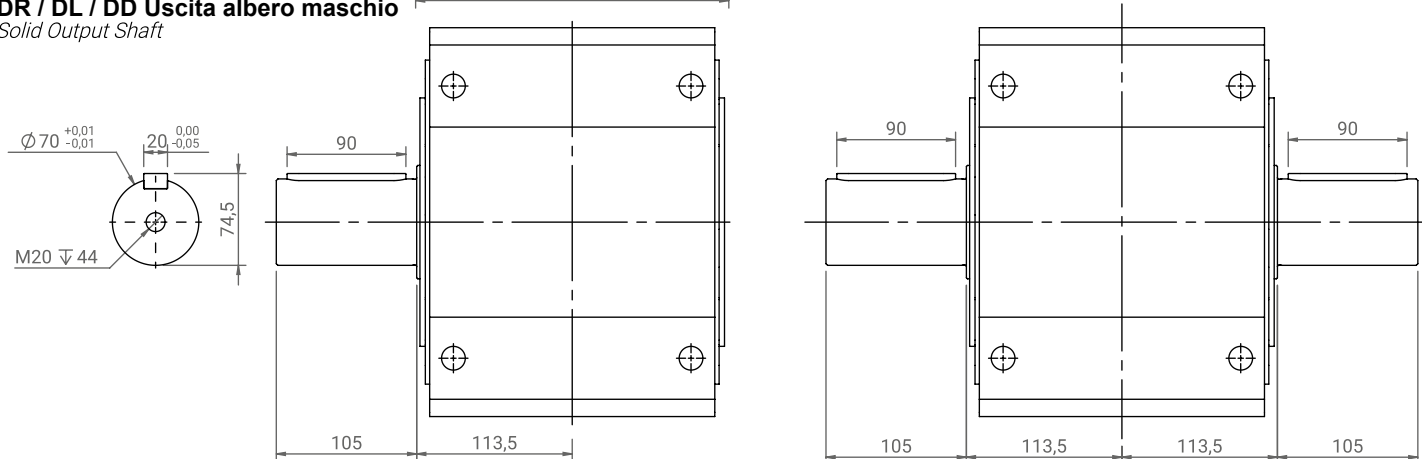


**Conf. Albero uscita**  
Output Shaft Configurations

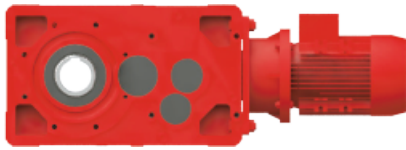
**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft







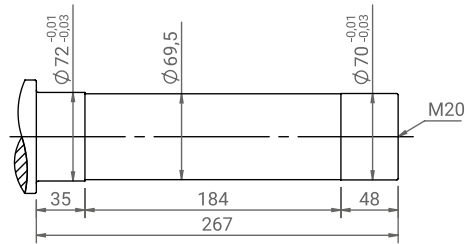
**ZET**  
R e d ü k t ö r

## MKH 2140

Dimensioni / Dimension Sheets

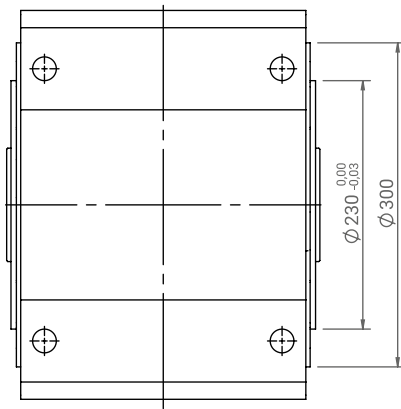
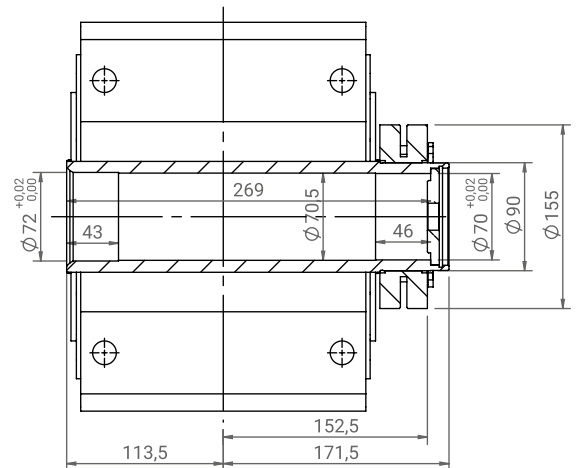
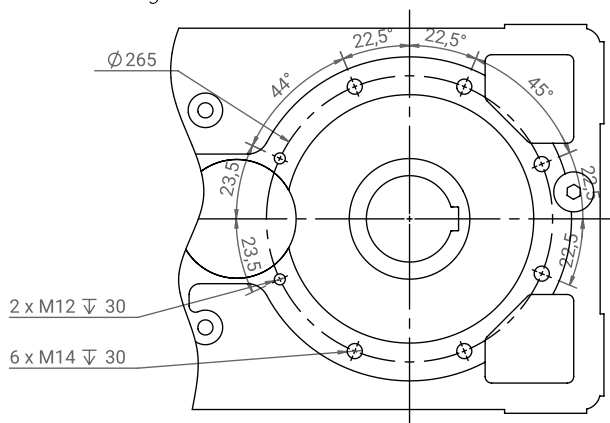
### Conf. Albero uscita Output Shaft Configurations

SR / SL

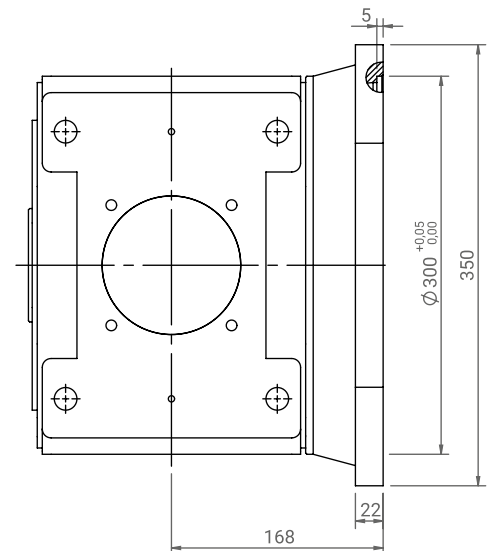
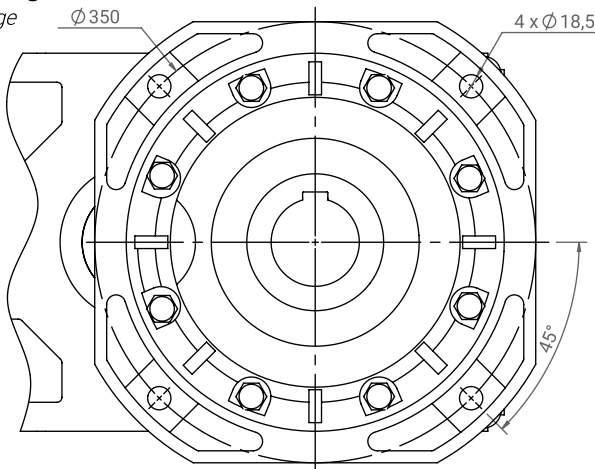


Albero esterno Customer Shaft

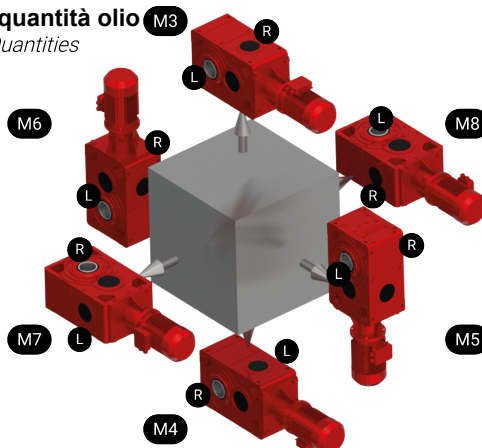
### Dimensioni montaggio laterale Side View Mounting Dimensions



### FR 350 / Flangia uscita Output Flange



### Posizioni montaggio e quantità olio Mounting Positions\* and Oil Quantities

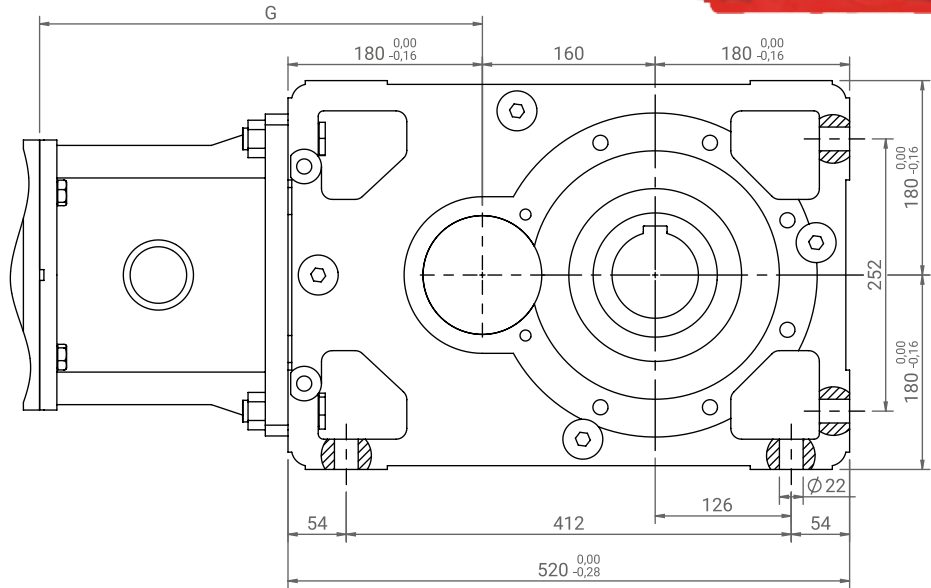
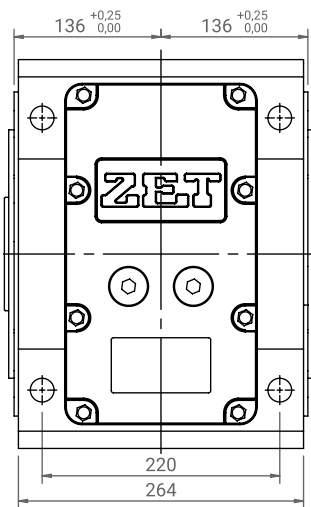
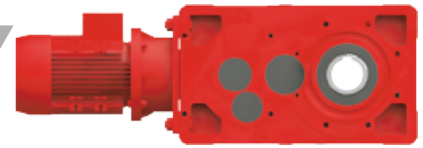


137 Kg

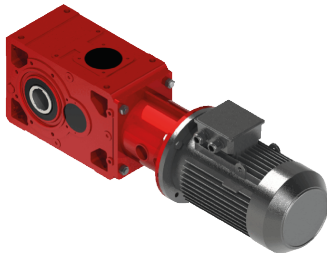
Peso incluso flangia PAM 160 B5  
WEIGHT INCLUDING 160 B5 MOTOR FLANGE

| MKH 2140 Quantità olio OIL QUANTITIES (L) |    |    |    |    |    |
|-------------------------------------------|----|----|----|----|----|
| M3                                        | M4 | M5 | M6 | M7 | M8 |
| 6                                         | 6  | 8  | 8  | 10 | 9  |

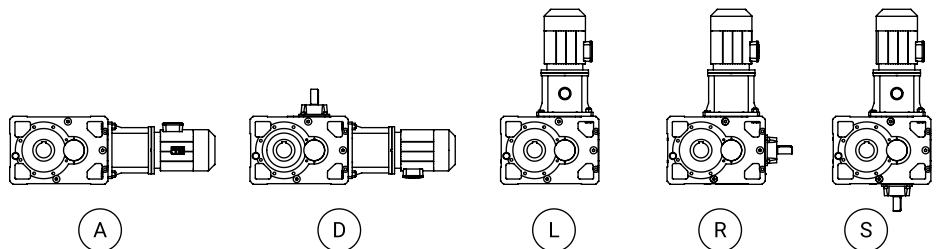
\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



**Conf. albero ingresso**  
Input Shaft Configurations

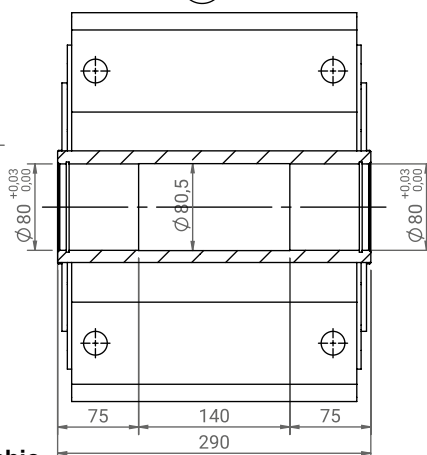
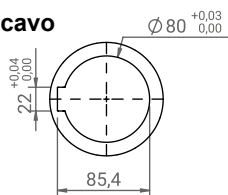


| Rapporto<br>Raito | G      |        |        |        |        |
|-------------------|--------|--------|--------|--------|--------|
|                   | 160 B5 | 180 B5 | 200 B5 | 225 B5 | 250 B5 |
| i>17              | 437    | 437    | 439    | 471    | -      |
| 17>i>11           | -      | 457    | 459    | 491    | 493    |
| i<11              | -      | -      | -      | 491    | 493    |

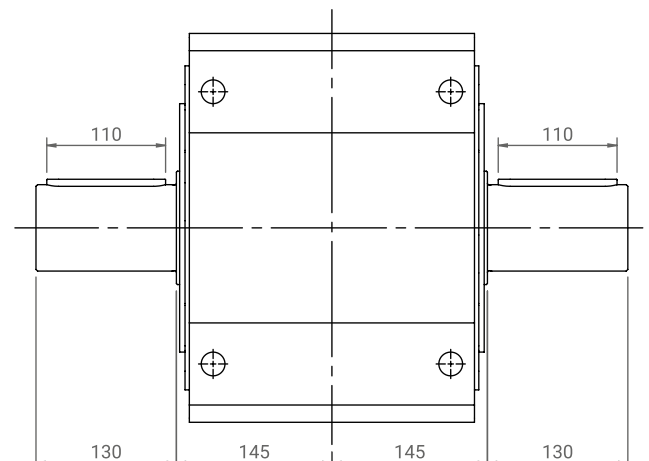
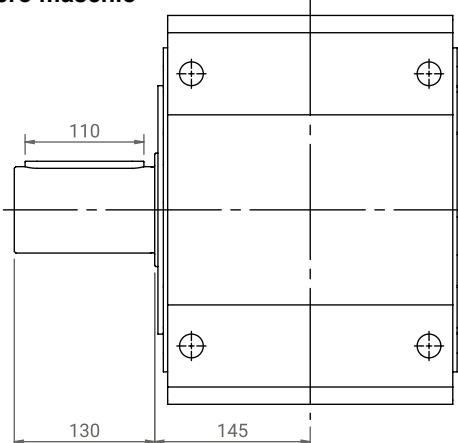
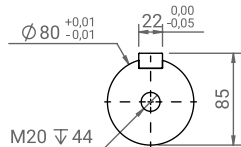


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft

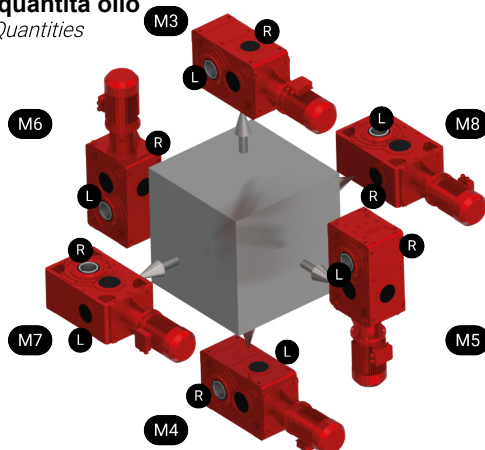
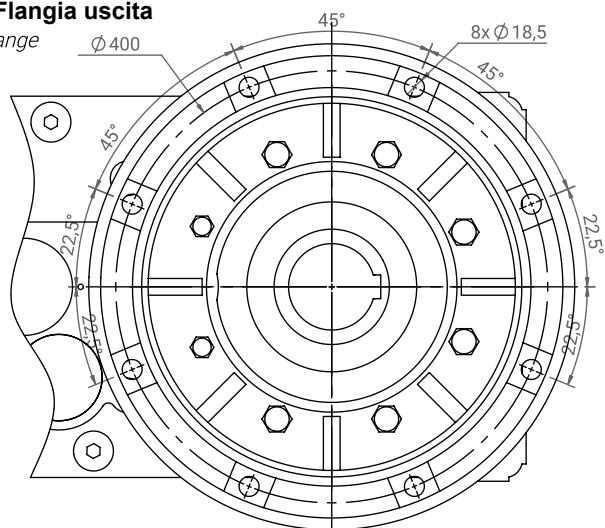
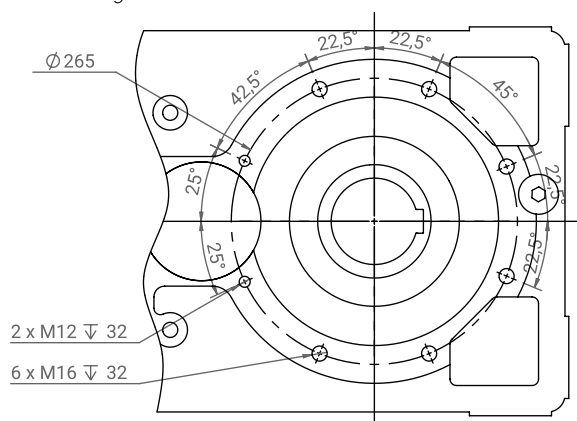
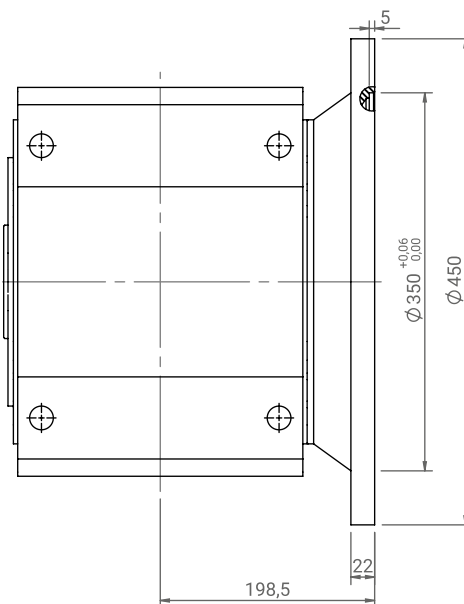
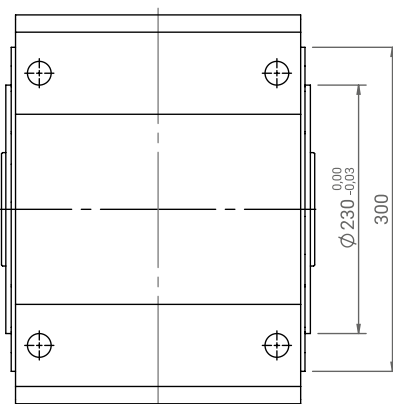
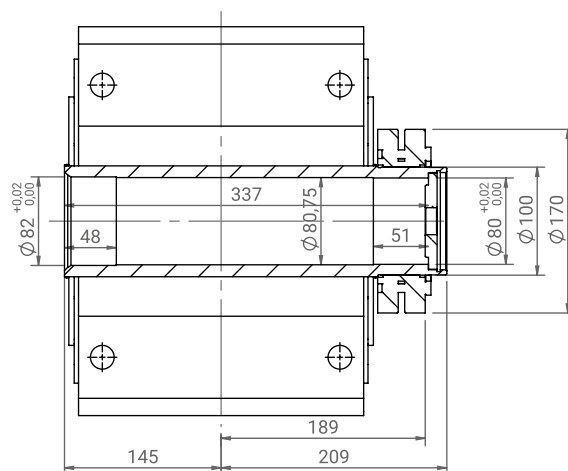
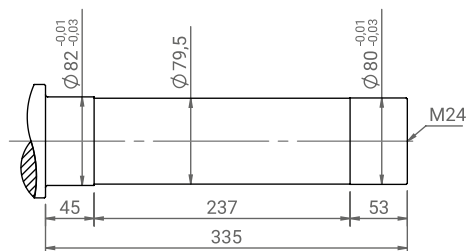


**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft

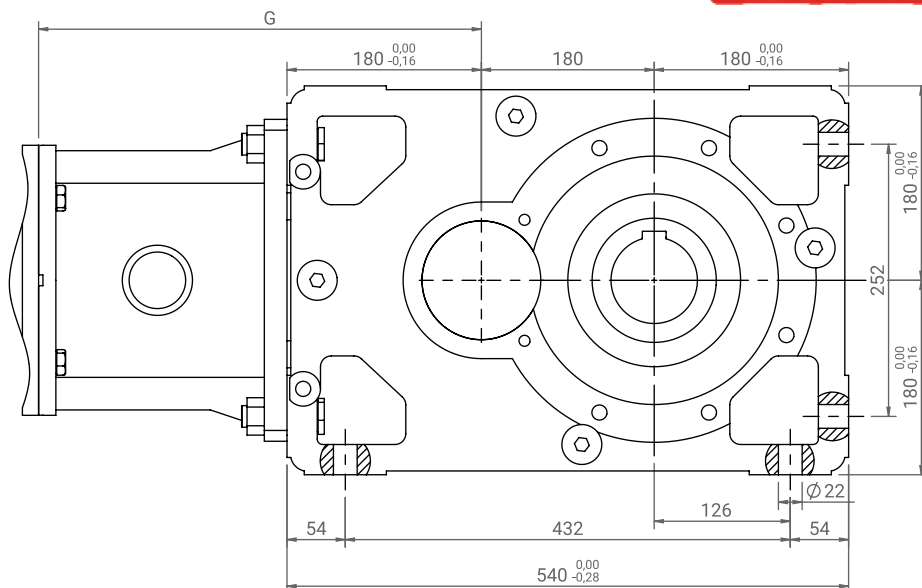
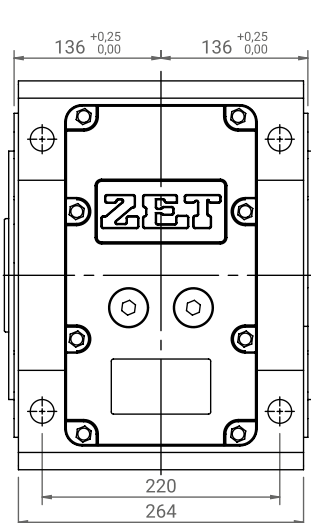




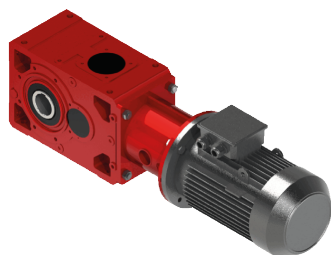
### Dimensioni / Dimension Sheets



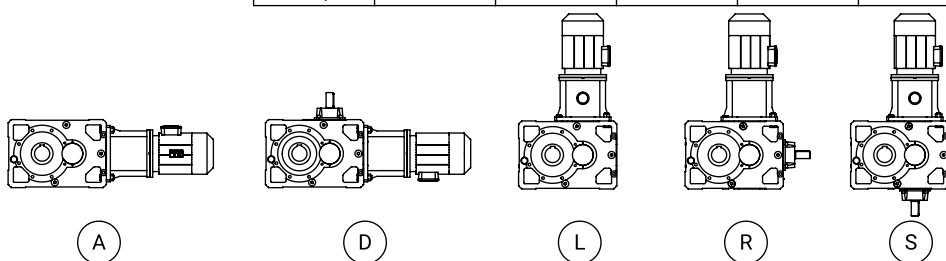
| MKH 2160 Quantità olio OIL QUANTITIES (L) |    |    |    |    |    |
|-------------------------------------------|----|----|----|----|----|
| M3                                        | M4 | M5 | M6 | M7 | M8 |
| 12                                        | 12 | 15 | 16 | 18 | 19 |



**Conf. albero ingresso**  
Input Shaft Configurations

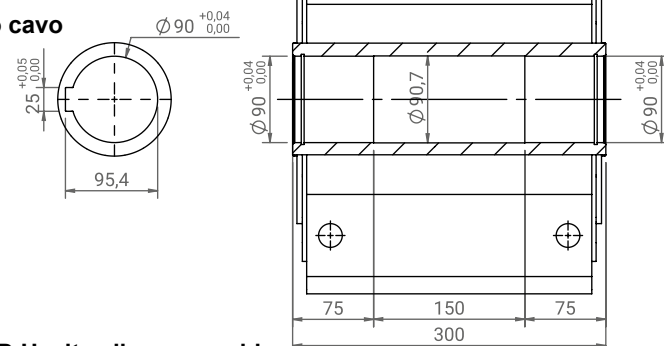


| Rapporto<br>Raito | G      |        |        |        |        |
|-------------------|--------|--------|--------|--------|--------|
|                   | 160 B5 | 180 B5 | 200 B5 | 225 B5 | 250 B5 |
| i>17              | 437    | 437    | 439    | 471    | -      |
| 17>i>12,5         | -      | 457    | 459    | 491    | 493    |
| i<12,5            | -      | -      | -      | 491    | 493    |

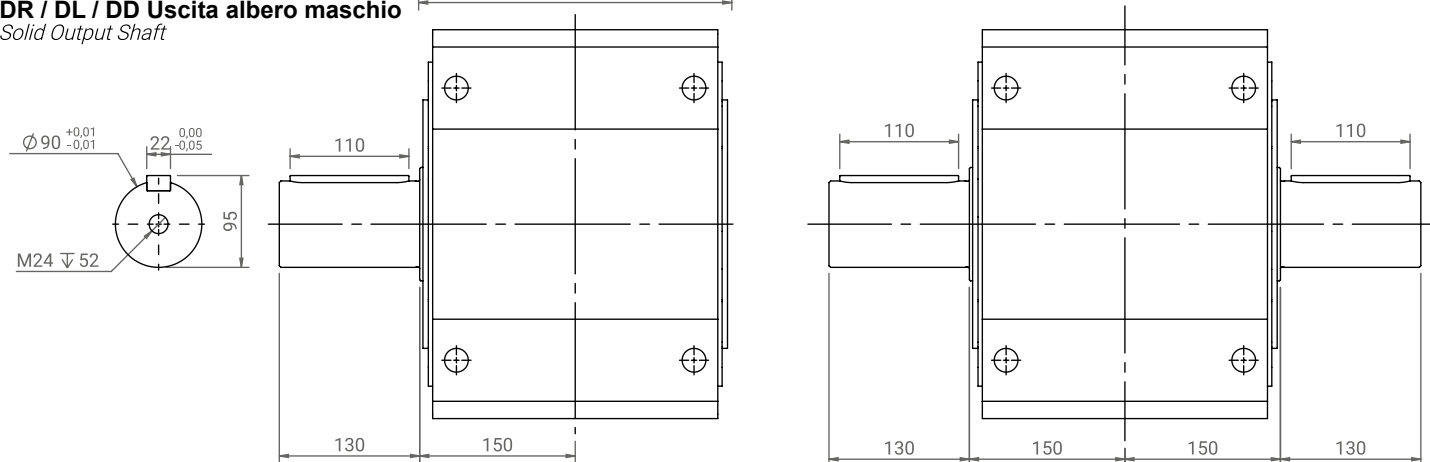


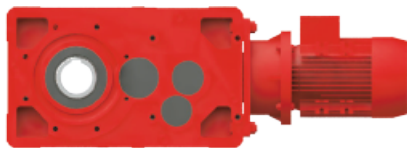
**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft





**ZET**  
Red ü k t ö r

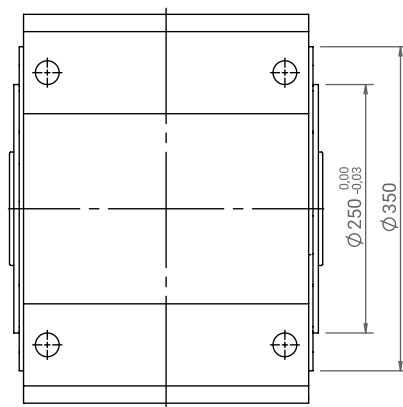
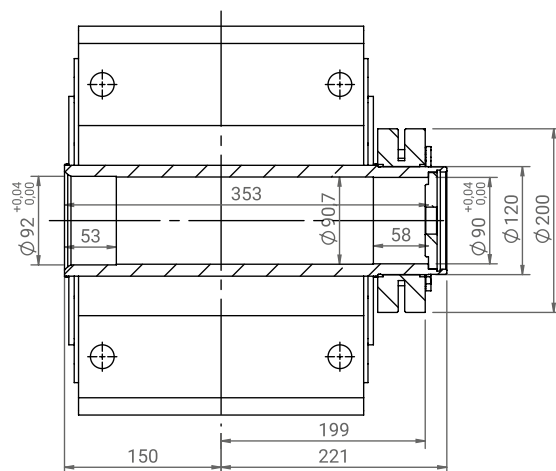
# MKH 2180

## Dimensioni / Dimension Sheets

### Conf. Albero uscita

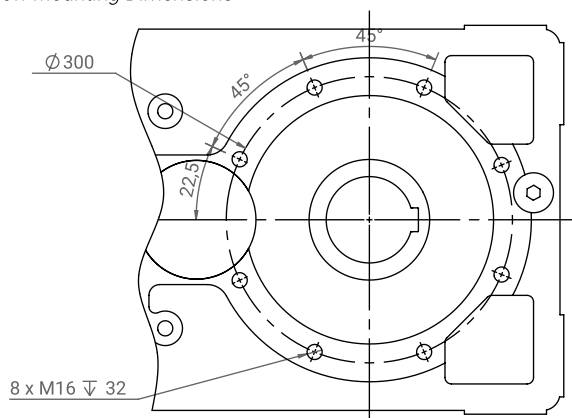
#### Output Shaft Configurations

SR / SL



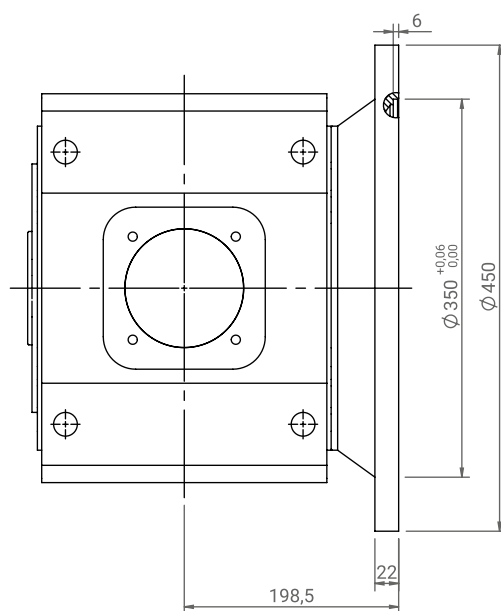
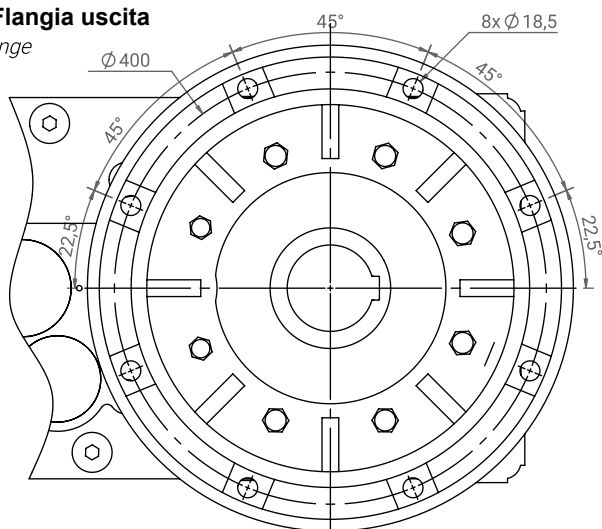
### Dimensioni montaggio laterale

#### Side View Mounting Dimensions



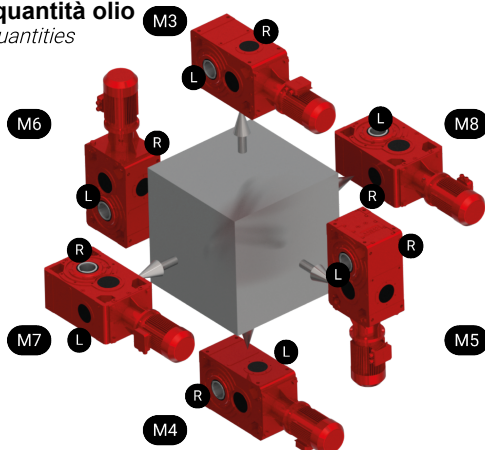
### FR 450 / Flangia uscita

#### Output Flange



### Posizioni montaggio e quantità olio

#### Mounting Positions\* and Oil Quantities

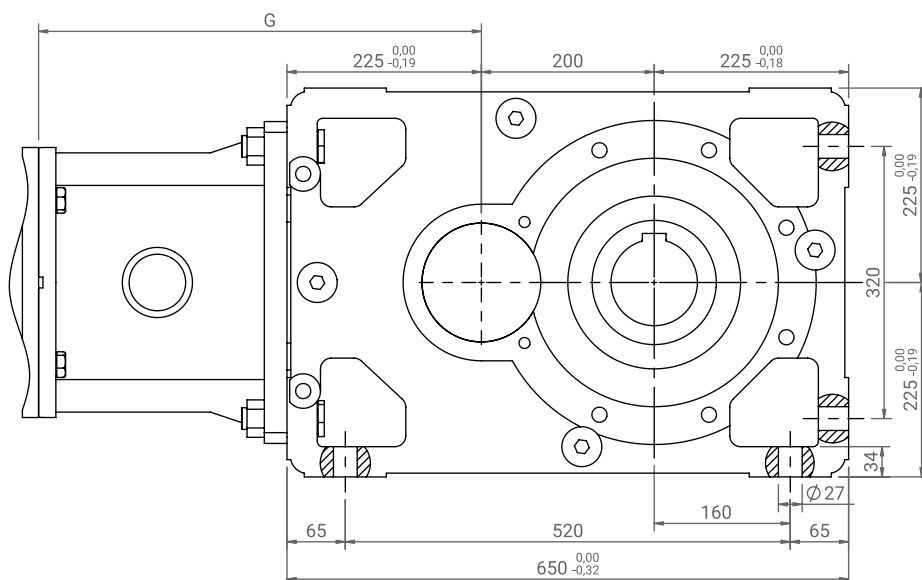
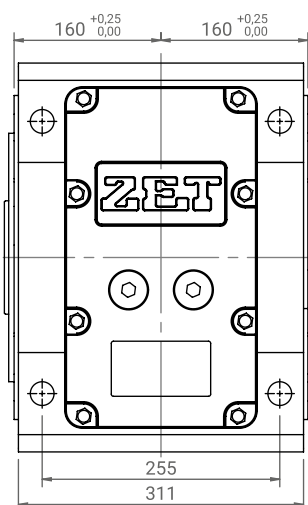


230 Kg

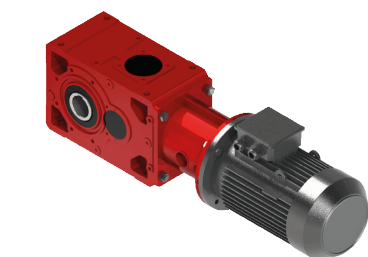
Peso incluso flangia PAM 200 B5  
WEIGHT INCLUDING 200 B5 MOTOR FLANGE

| MKH 2180 Quantità olio |    |    |    | OIL QUANTITIES (L) |    |
|------------------------|----|----|----|--------------------|----|
| M3                     | M4 | M5 | M6 | M7                 | M8 |
| 12                     | 12 | 15 | 15 | 18                 | 18 |

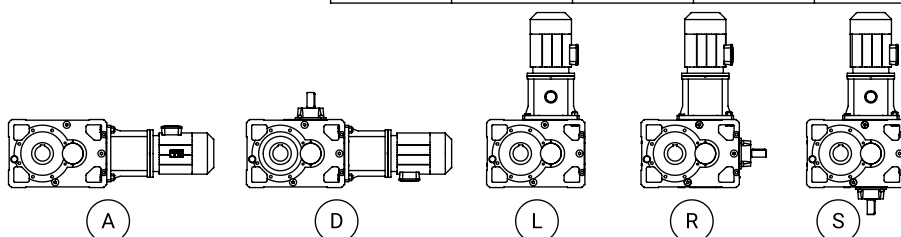
\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



**Conf. albero ingresso**  
Input Shaft Configurations

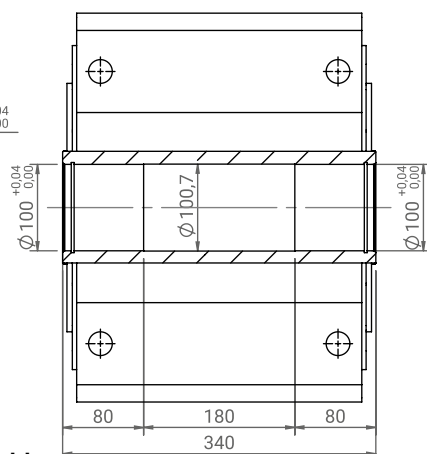
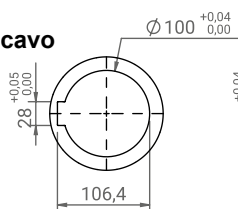


| Rapporto<br>Raito | G      |        |        |        |
|-------------------|--------|--------|--------|--------|
|                   | 200 B5 | 225 B5 | 250 B5 | 280 B5 |
| i>18              | 504    | 536    | 547    | 547    |
| 18>i>13           | -      | -      | 583    | 583    |
| i<13              | -      | -      | 577    | 577    |

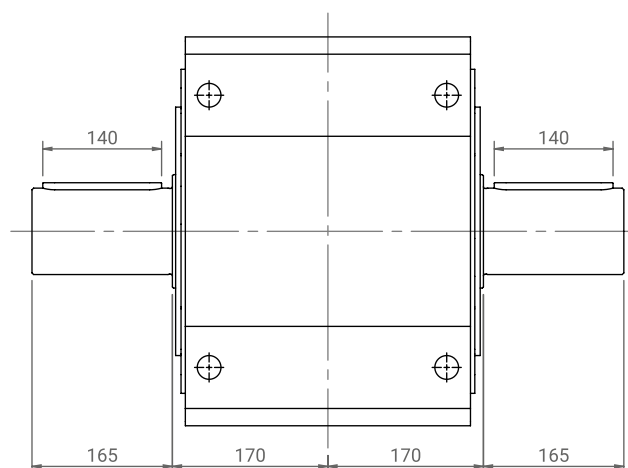
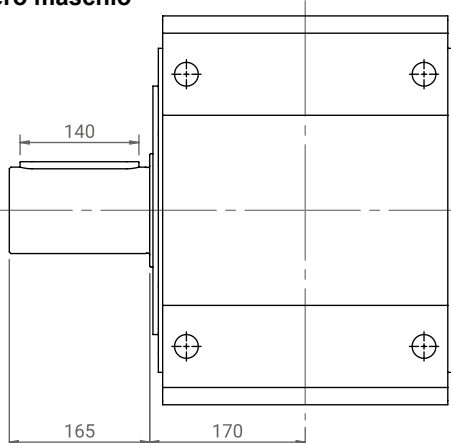
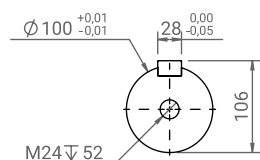


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft

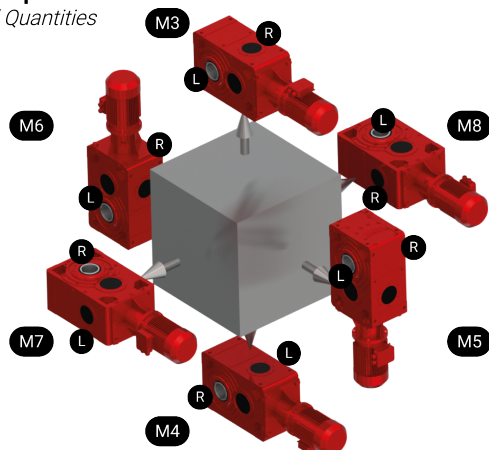
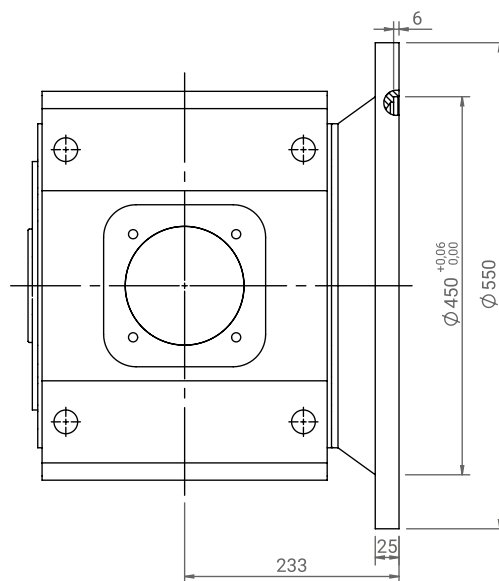
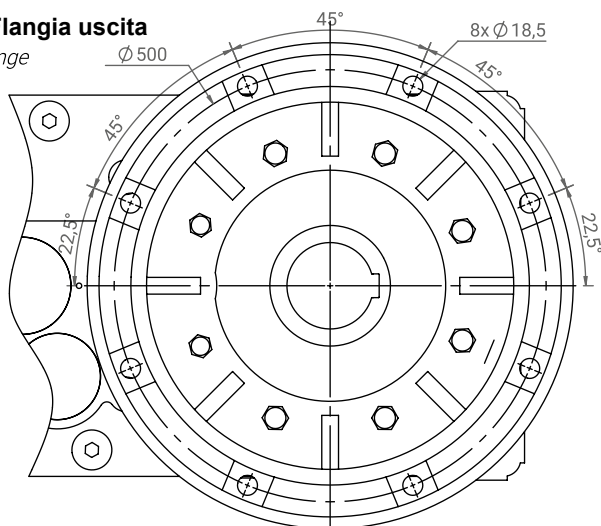
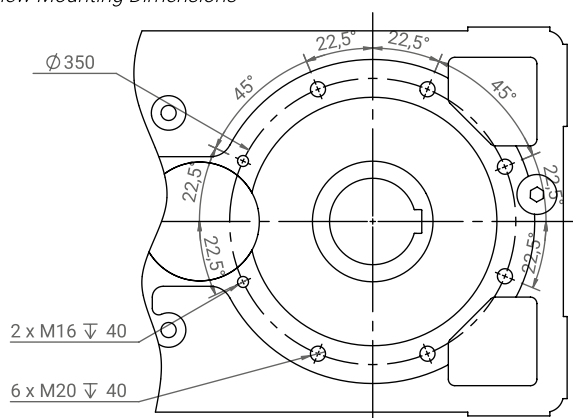
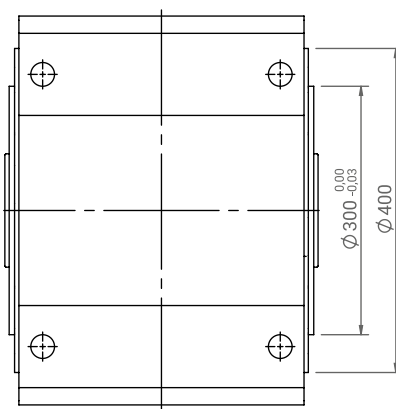
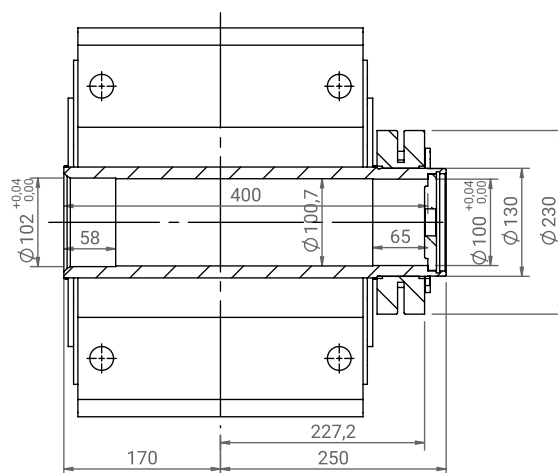
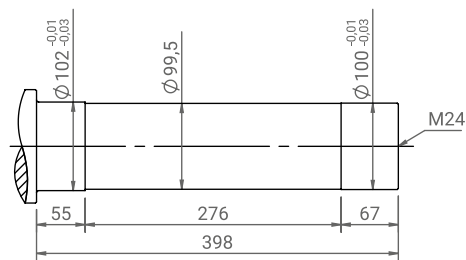


**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft





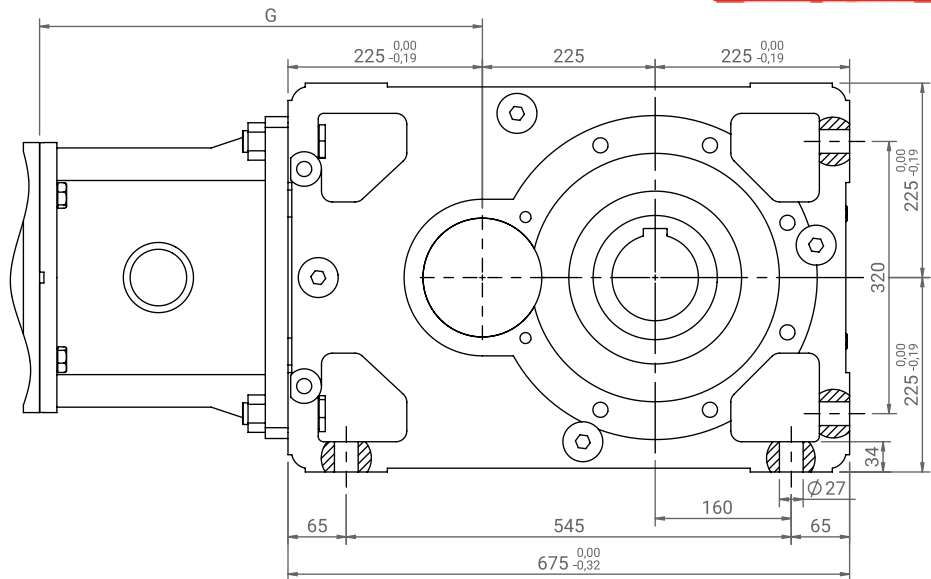
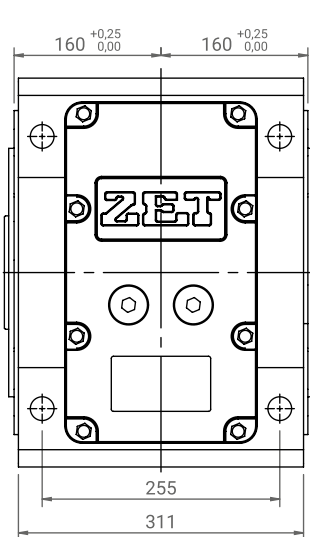
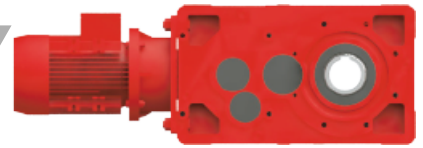
### Dimensioni / Dimension Sheets



| MKH 2200 Quantità olio |    |    | OIL QUANTITIES (L) |    |    |
|------------------------|----|----|--------------------|----|----|
| M3                     | M4 | M5 | M6                 | M7 | M8 |
| 23                     | 23 | 28 | 30                 | 35 | 34 |

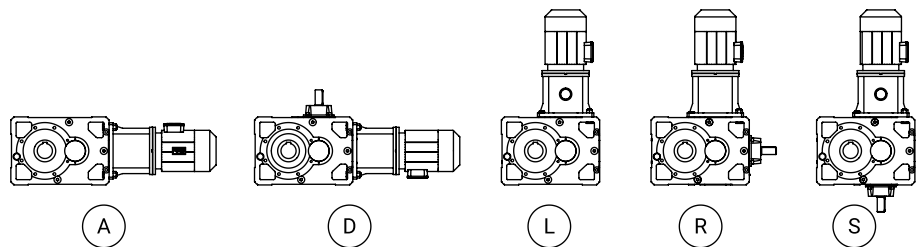
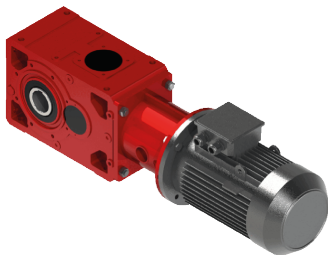
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION





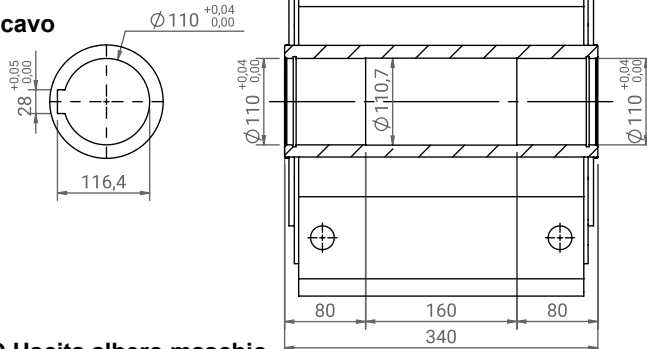
**Conf. albero ingresso**  
Input Shaft Configurations

| Rapporto<br>Raito | G      |        |        |        |
|-------------------|--------|--------|--------|--------|
|                   | 200 B5 | 225 B5 | 250 B5 | 280 B5 |
| i>18              | 504    | 536    | 547    | 547    |
| 18>i>13           | -      | -      | 583    | 583    |
| i<13              | -      | -      | -      | 577    |

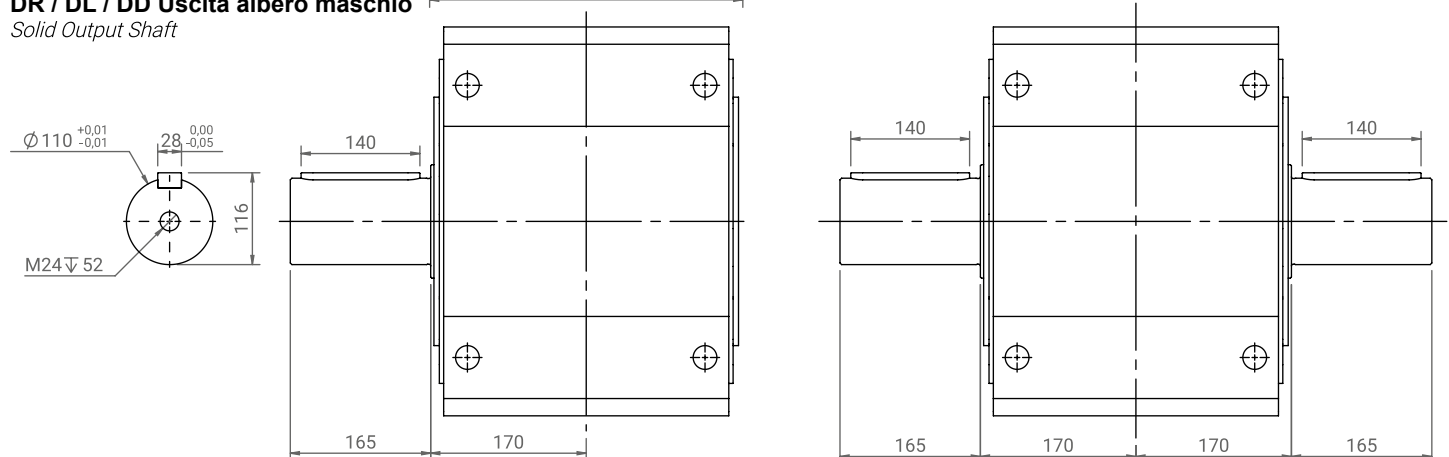


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



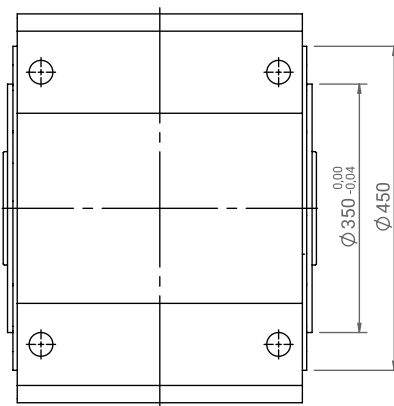
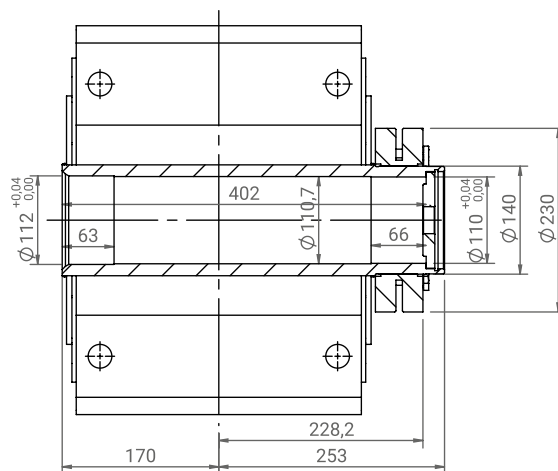
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



### Conf. Albero uscita

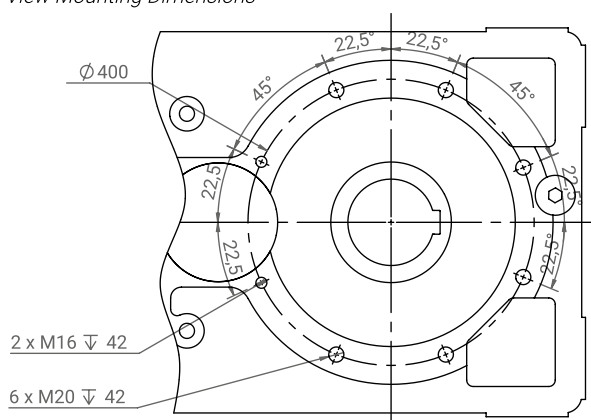
*Output Shaft Configurations*

SR /SL

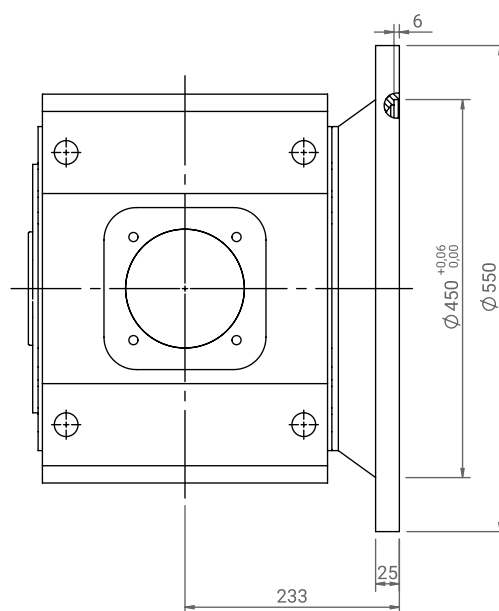
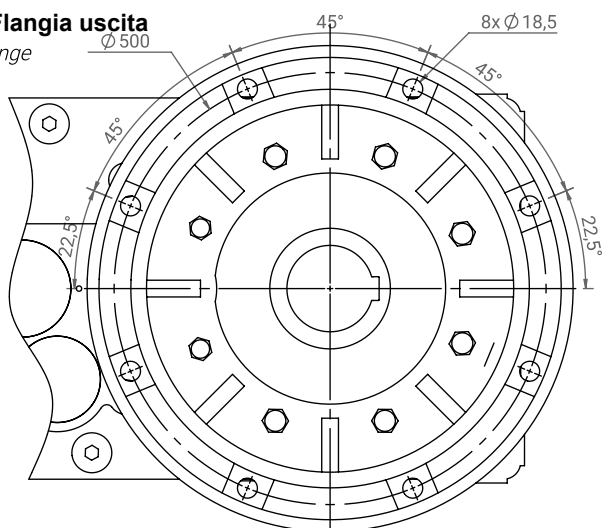


### Dimensioni montaggio laterale

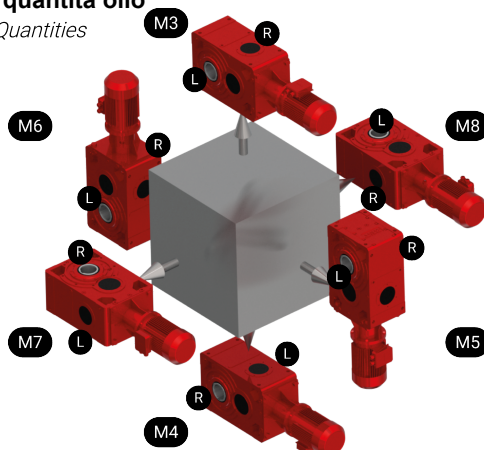
#### Side View Mounting Dimensions



**FR 550 / Flangia uscita**  
*Output Flange*  $\varnothing$  500



### Posizioni montaggio e quantità olio

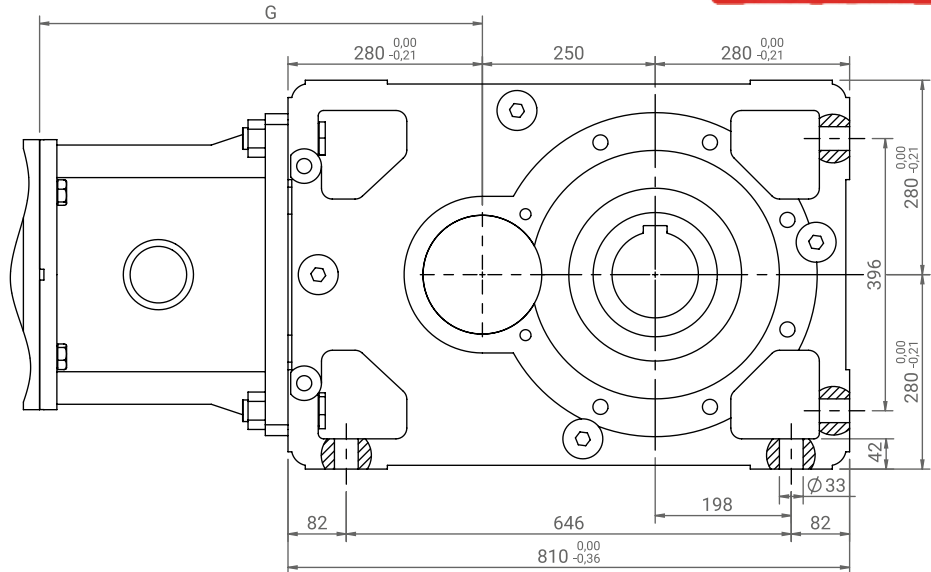
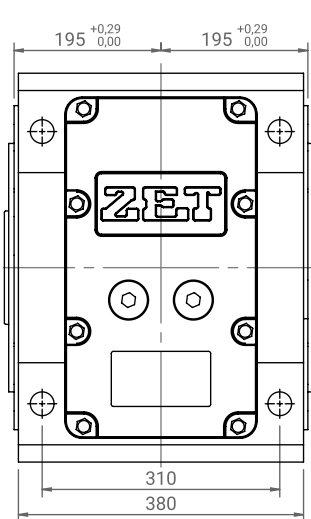
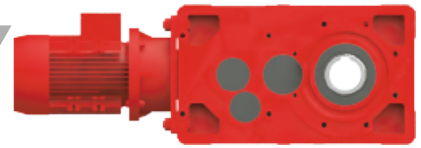


405 Kg

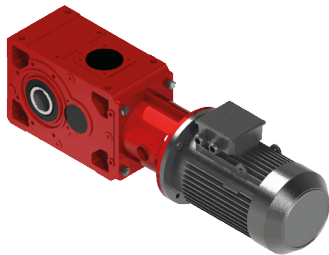
**Peso incluso flangia PAM 200 B5**  
**WEIGHT INCLUDING 200 B5 MOTOR FLANGE**

| MKH 2225 Quantità olio |    |    |    |    |    |
|------------------------|----|----|----|----|----|
| OIL QUANTITIES (L)     |    |    |    |    |    |
| M3                     | M4 | M5 | M6 | M7 | M8 |
| 23                     | 23 | 29 | 30 | 35 | 34 |

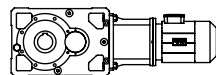
**\*Posizione montaggio mostrate con configurazione HS**  
*\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION*



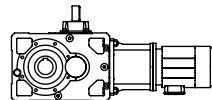
**Conf. albero ingresso**  
Input Shaft Configurations



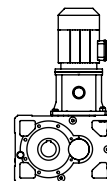
| Rapporto<br>Raito | G      |        |        |
|-------------------|--------|--------|--------|
|                   | 250 B5 | 280 B5 | 315 B5 |
| i>17              | 656    | 656    | 696    |
| 17>i>11           | -      | -      | 748    |
| i<11              | -      | -      | 758    |



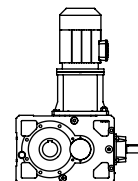
A



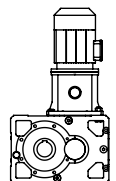
D



L



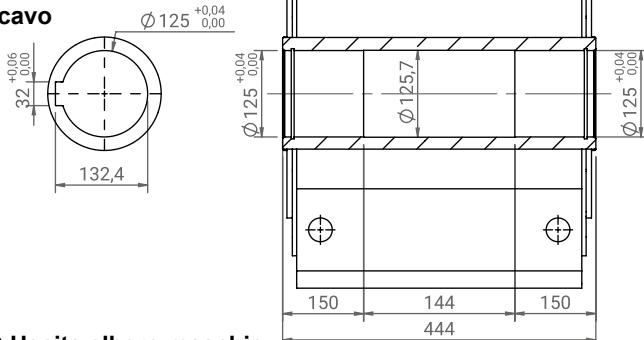
R



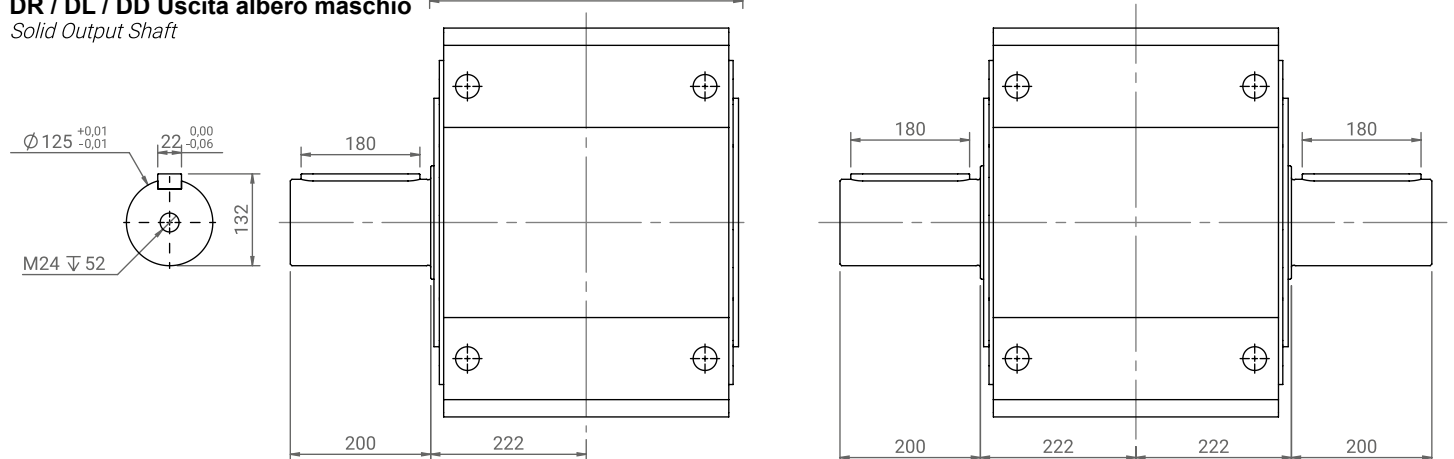
S

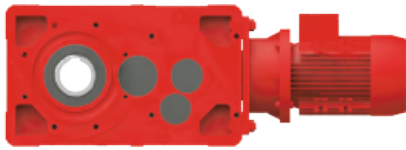
**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft





**ZET**  
R e d ü k t ö r

## MKH 2250

Dimensioni / Dimension Sheets

### Conf. Albero uscita

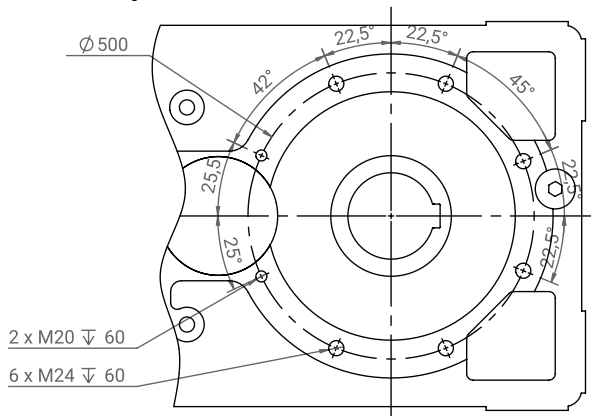
Output Shaft Configurations

SR / SL



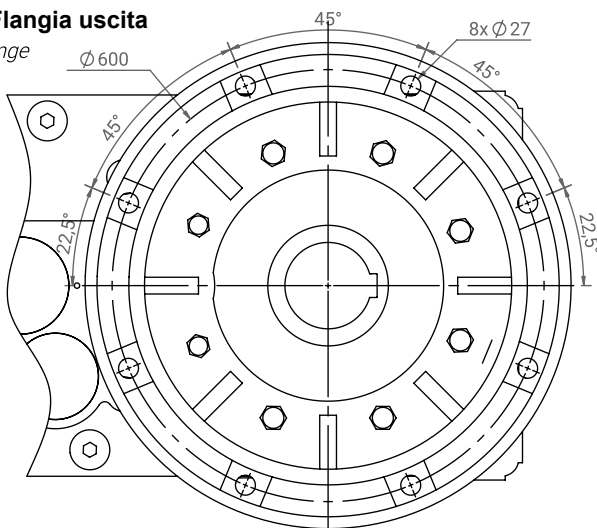
### Dimensioni montaggio laterale

Side View Mounting Dimensions



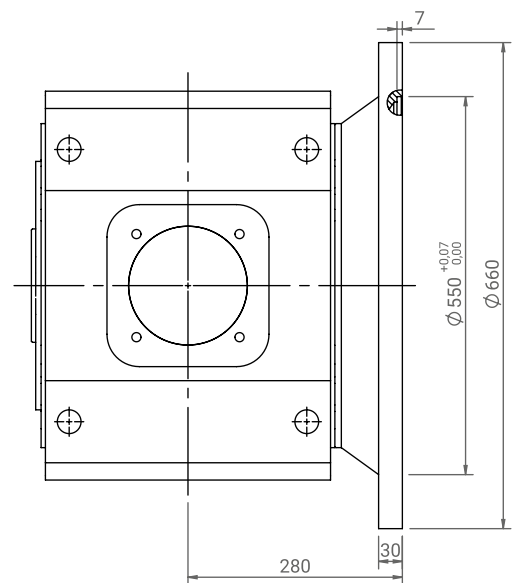
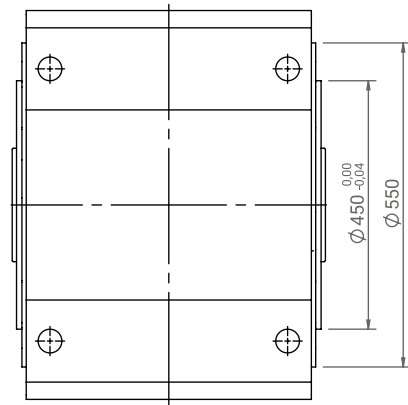
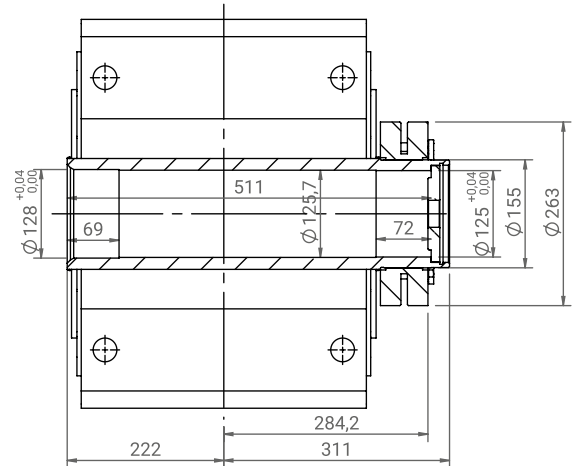
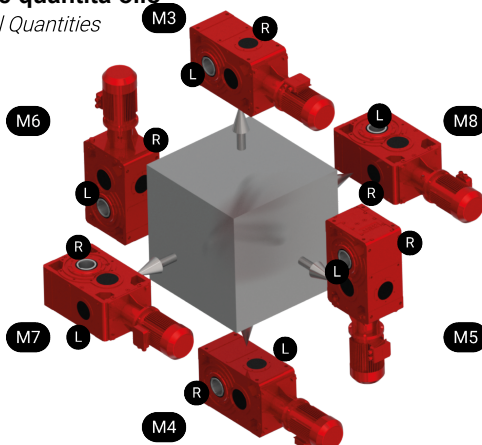
### FR 660 / Flangia uscita

Output Flange



### Posizioni montaggio e quantità olio

Mounting Positions\* and Oil Quantities

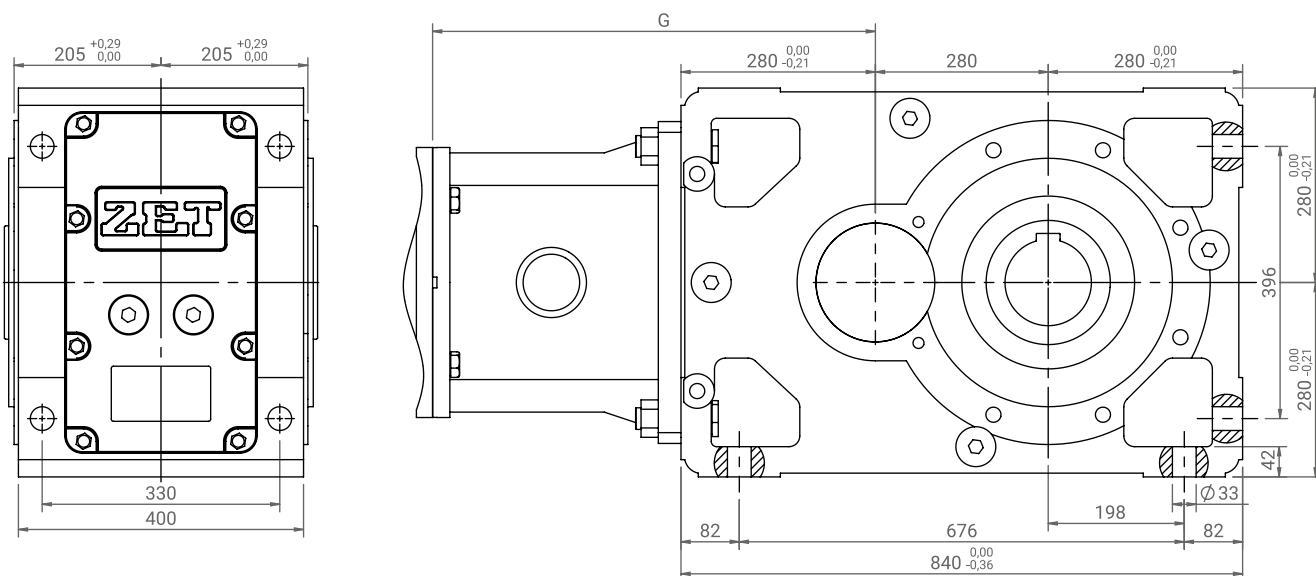


Peso incluso flangia PAM 315 B5  
WEIGHT INCLUDING 315 B5 MOTOR FLANGE

| MKH 2250 Quantità olio |    |    | OIL QUANTITIES (L) |    |    |
|------------------------|----|----|--------------------|----|----|
| M3                     | M4 | M5 | M6                 | M7 | M8 |
| 38                     | 38 | 59 | 56                 | 66 | 65 |

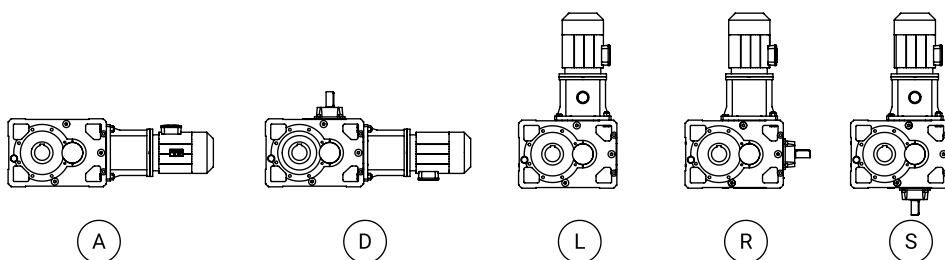
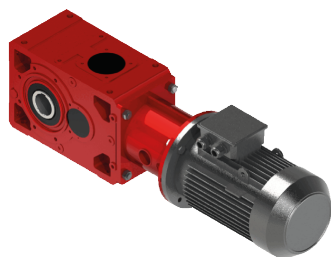
\*Posizione montaggio mostrate con configurazione HS

\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



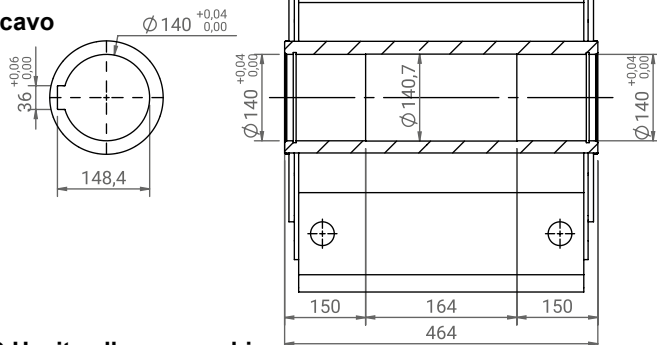
**Conf. albero ingresso**  
Input Shaft Configurations

| Rapporto<br>Raito | G      |        |
|-------------------|--------|--------|
|                   | 280 B5 | 315 B5 |
| i>17              | 656    | 696    |
| 17>i>11           | -      | 753    |
| i<11              | -      | 753    |

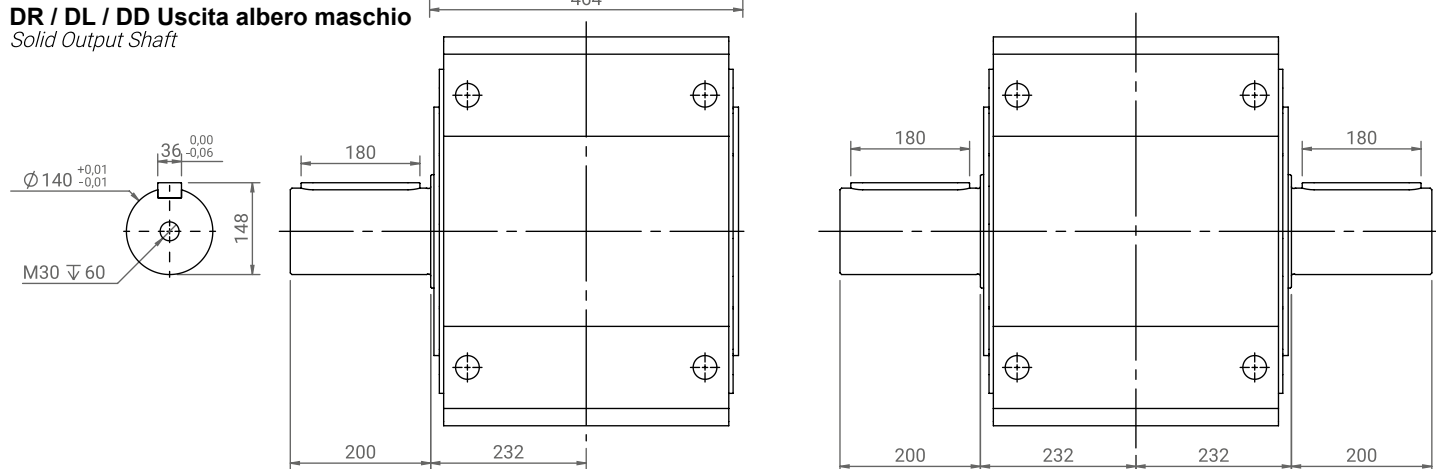


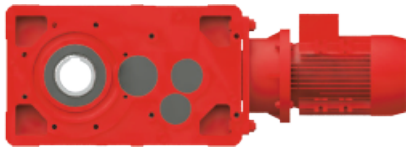
**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft





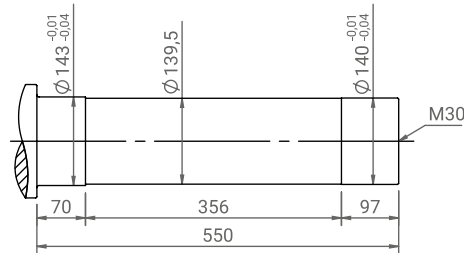
**ZET**  
R e d ü k t ö r

## MKH 2280

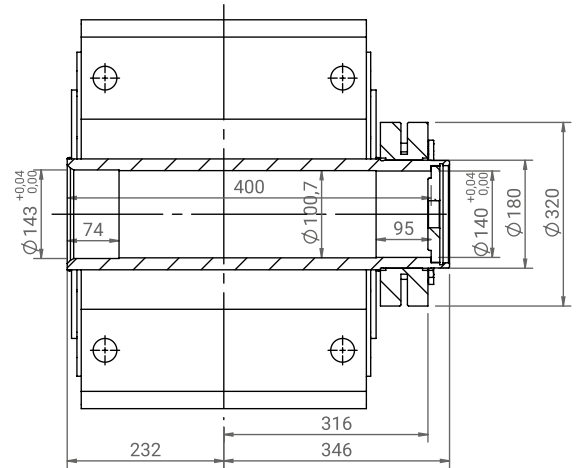
Dimensioni / Dimension Sheets

### Conf. Albero uscita Output Shaft Configurations

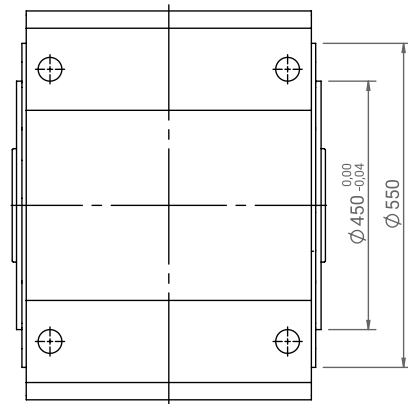
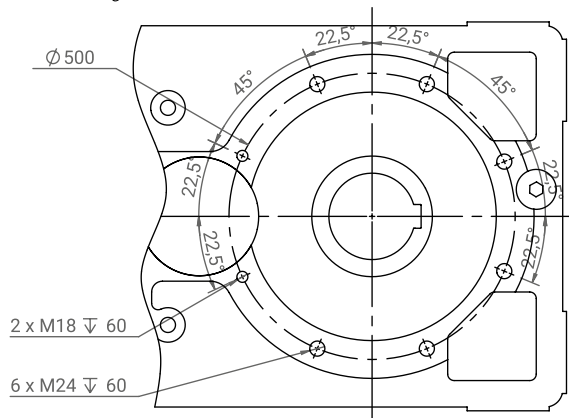
SR / SL



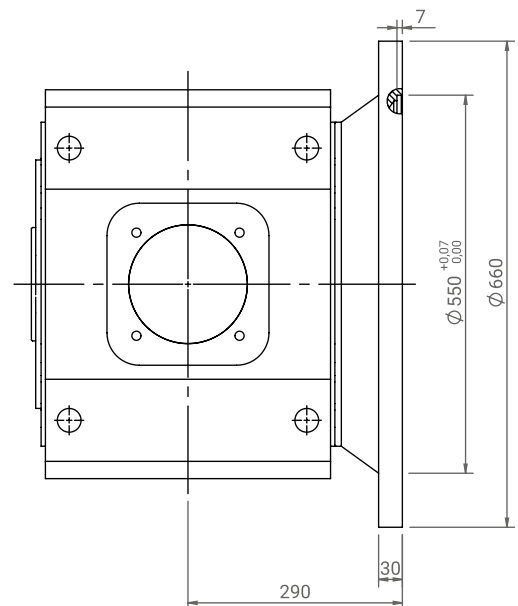
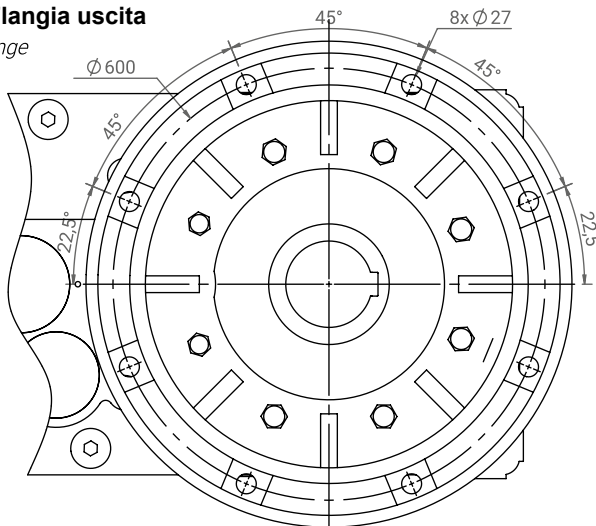
**Albero esterno** Customer Shaft



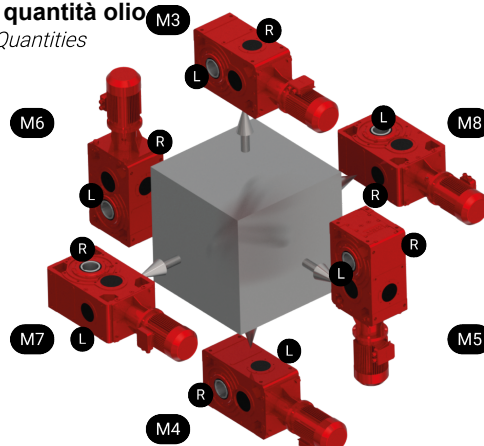
### Dimensioni montaggio laterale Side View Mounting Dimensions



### FR 660 / Flangia uscita Output Flange



### Posizioni montaggio e quantità olio Mounting Positions\* and Oil Quantities



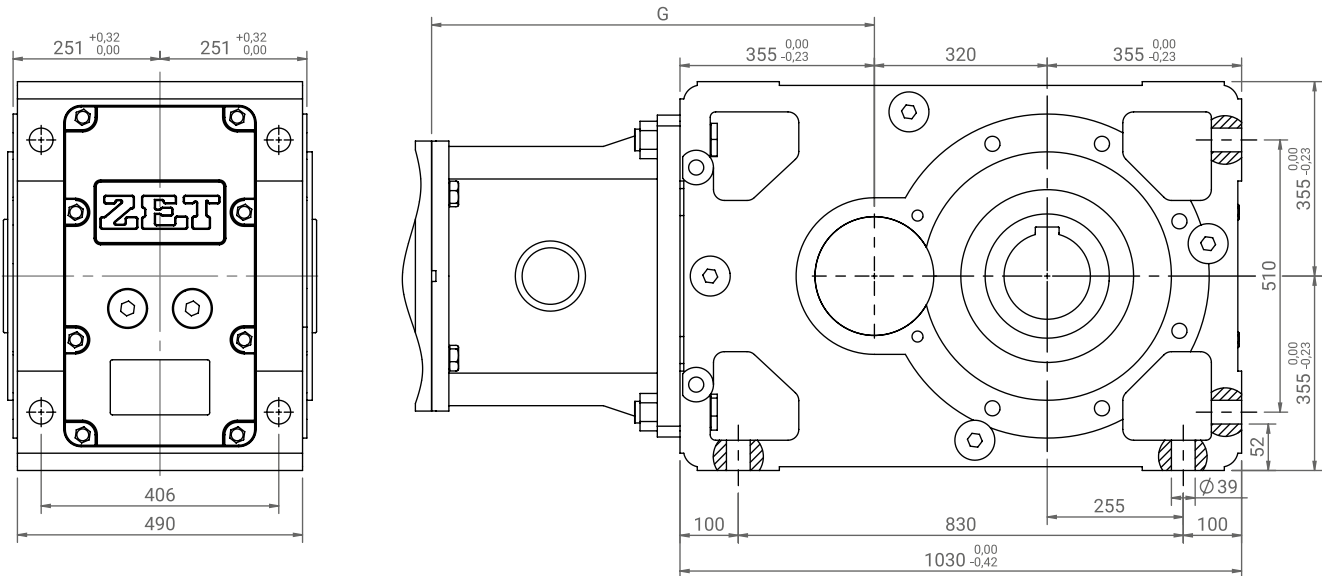
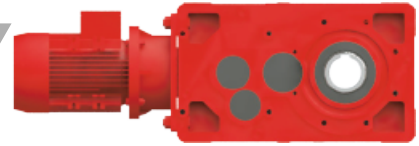
825 Kg

**Peso incluso flangia PAM 315 B5**  
WEIGHT INCLUDING 315 B5 MOTOR FLANGE

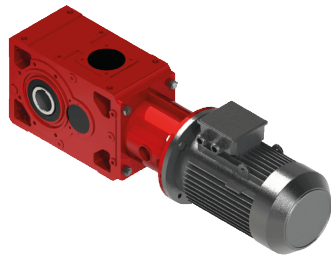
| MKH 2280 Quantità olio |    |    | OIL QUANTITIES (L) |    |    |
|------------------------|----|----|--------------------|----|----|
| M3                     | M4 | M5 | M6                 | M7 | M8 |
| 45                     | 45 | 65 | 57                 | 67 | 65 |

\*Posizione montaggio mostrate con configurazione HS

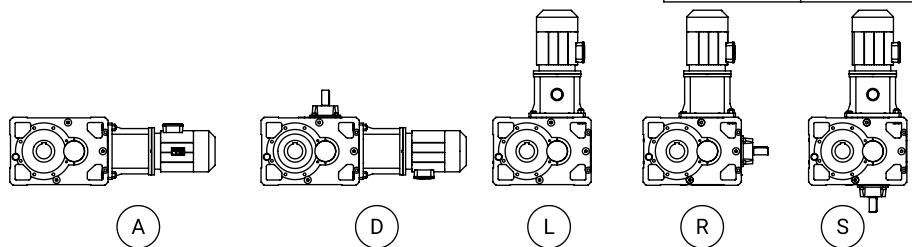
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



**Conf. albero ingresso**  
Input Shaft Configurations

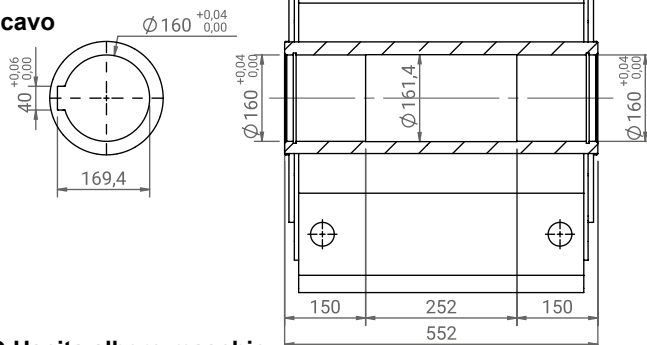


| Rapporto<br>Raito | G   |
|-------------------|-----|
| 315 B5            |     |
| i>17              | 796 |
| 17>i>12           | 848 |
| i<12              | 848 |

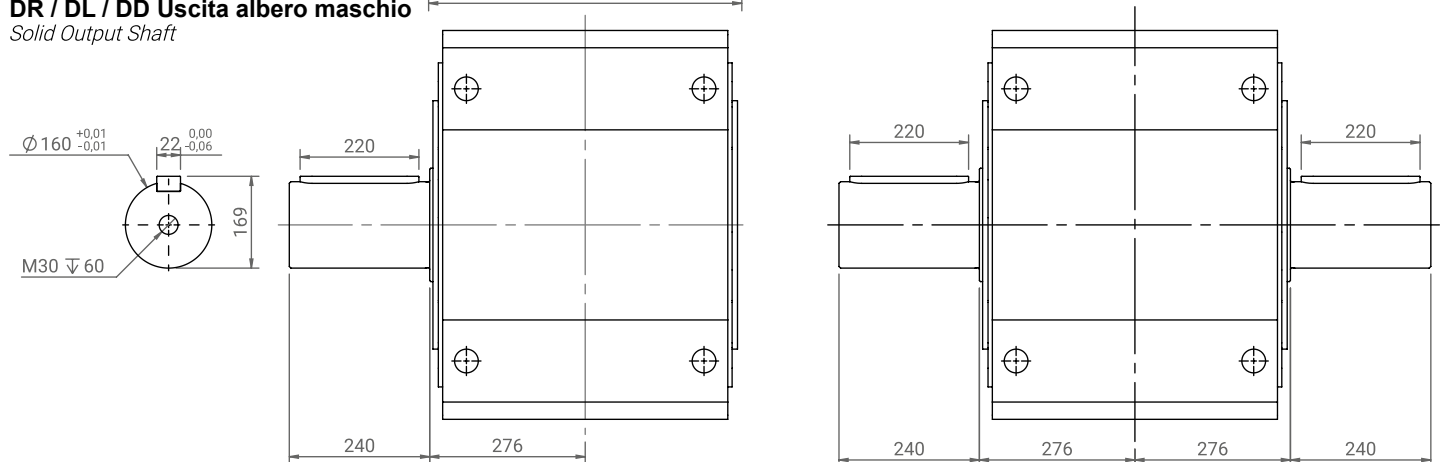


**Conf. Albero uscita**  
Output Shaft Configurations

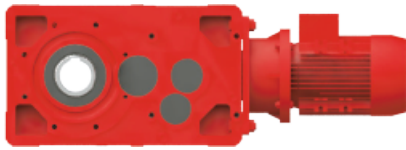
**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft







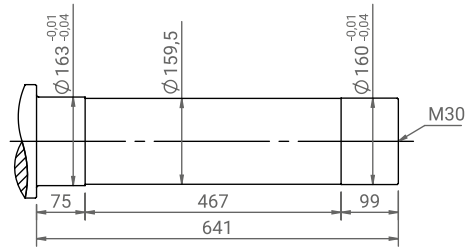
**ZET**  
R e d ü k t ö r

## MKH 2320

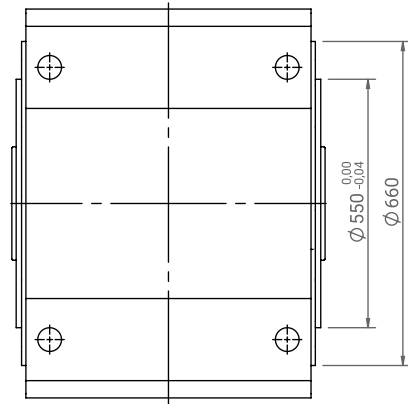
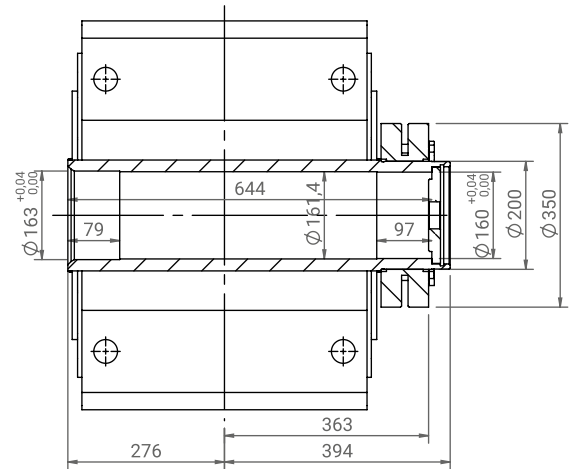
Dimensioni / Dimension Sheets

### Conf. Albero uscita Output Shaft Configurations

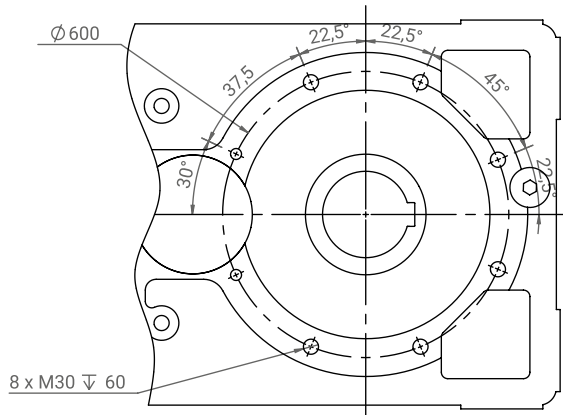
SR / SL



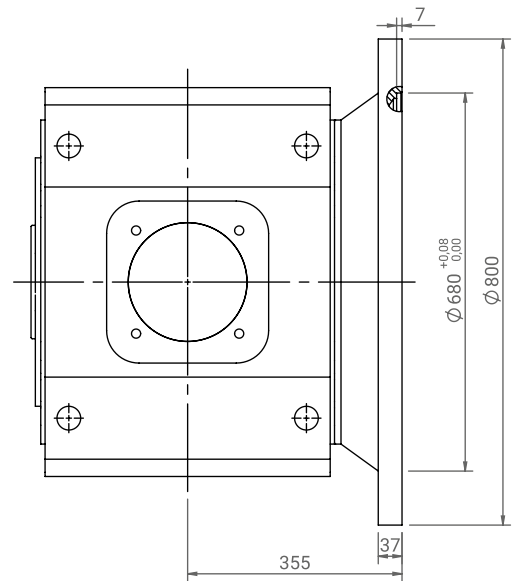
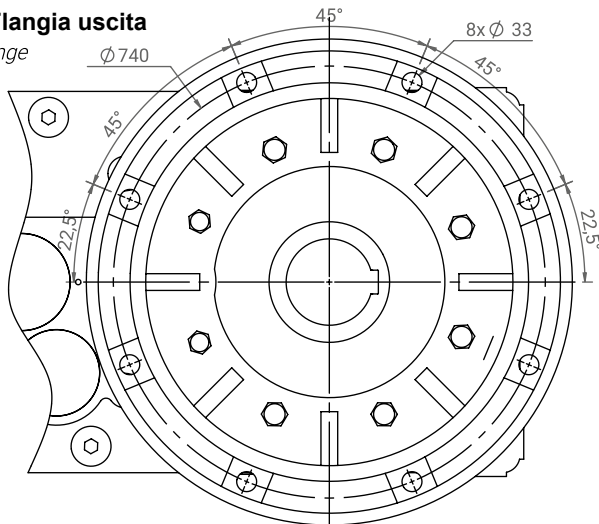
**Albero esterno** Customer Shaft



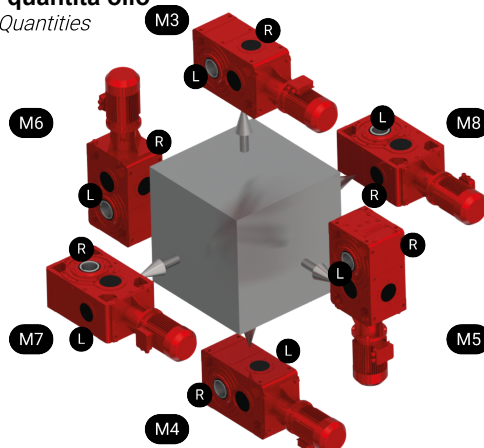
### Dimensioni montaggio laterale Side View Mounting Dimensions



### FR 800 / Flangia uscita Output Flange



### Posizioni montaggio e quantità olio Mounting Positions\* and Oil Quantities

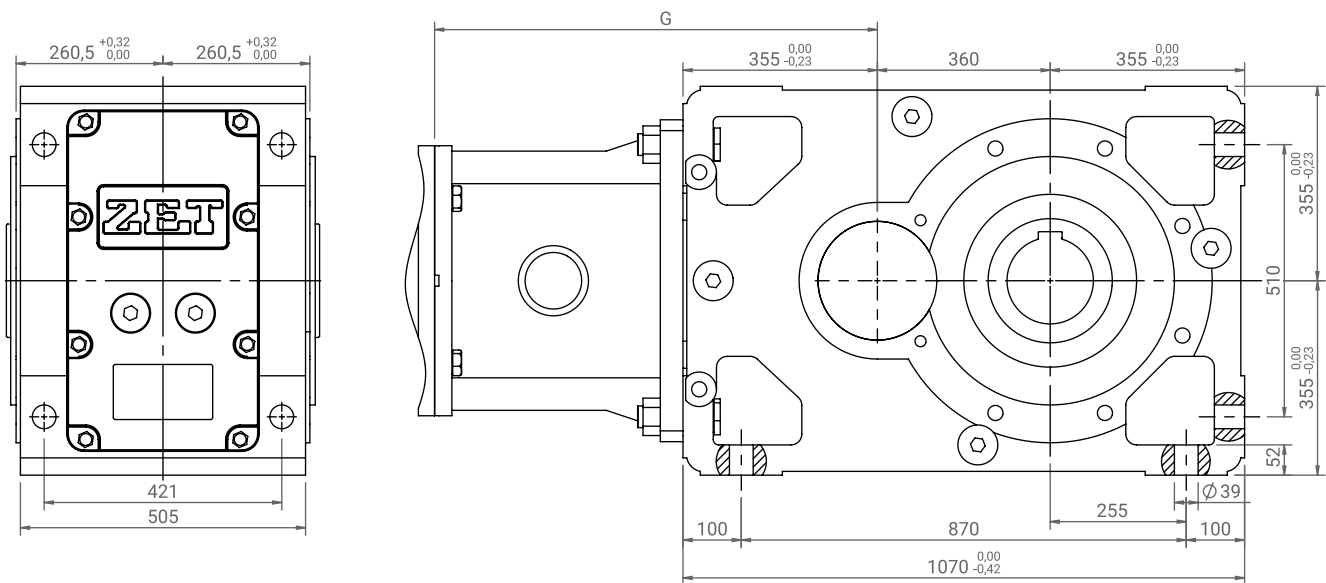
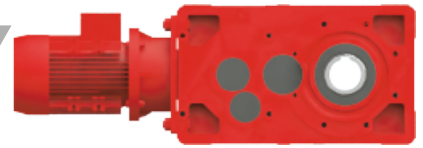


1350 Kg

**Peso incluso flangia PAM 315 B5**  
WEIGHT INCLUDING 315 B5 MOTOR FLANGE

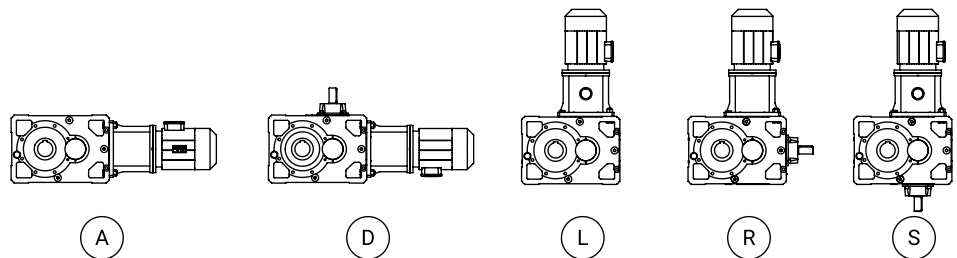
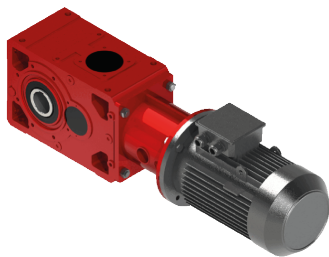
| MKH 2320 Quantità olio |    |     | OIL QUANTITIES (L) |     |     |
|------------------------|----|-----|--------------------|-----|-----|
| M3                     | M4 | M5  | M6                 | M7  | M8  |
| 92                     | 92 | 114 | 121                | 135 | 132 |

\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



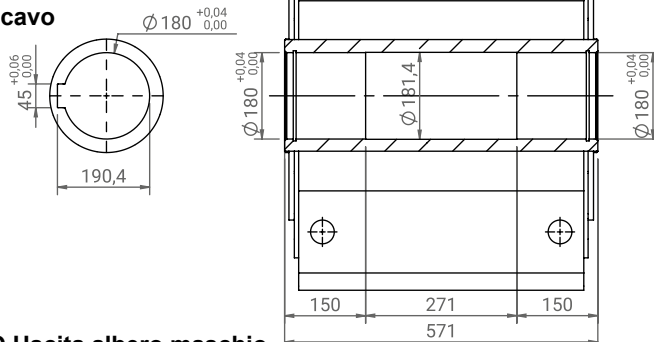
**Conf. albero ingresso**  
Input Shaft Configurations

| Rapporto<br>Raito | G   |
|-------------------|-----|
| 315 B5            |     |
| i>17              | 796 |
| 17>i>12           | 848 |
| i<12              | 848 |

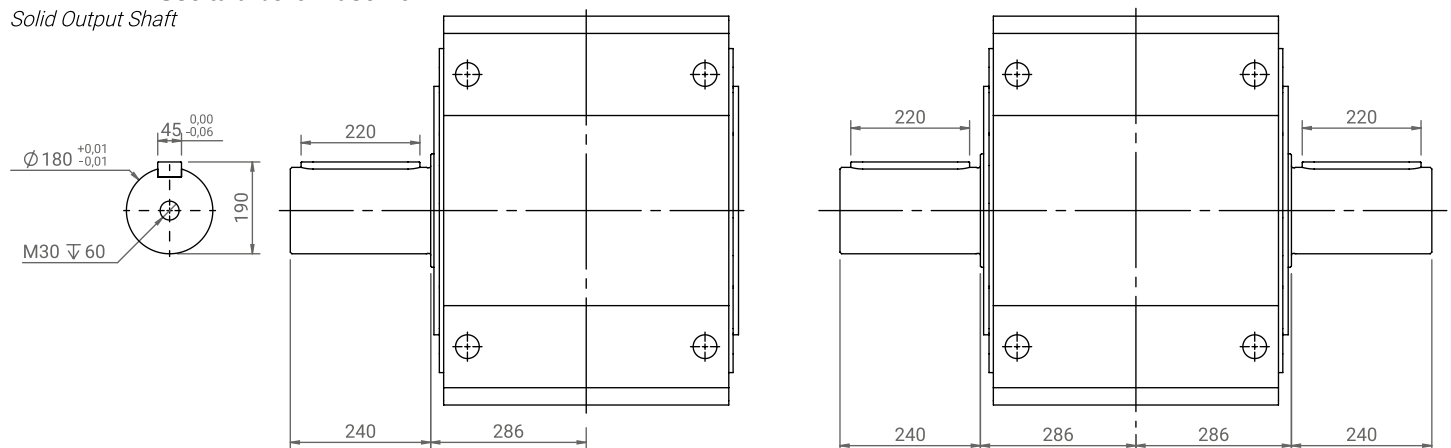


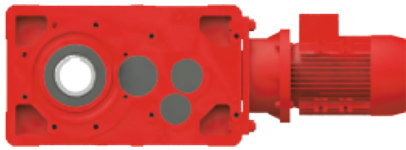
**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft





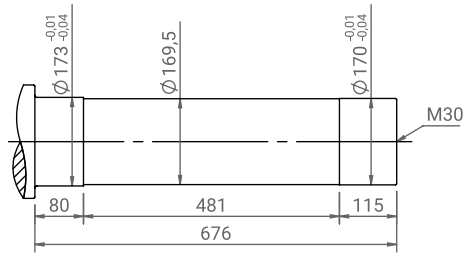
**ZET**  
R e d ü k t ö r

## MKH 2360

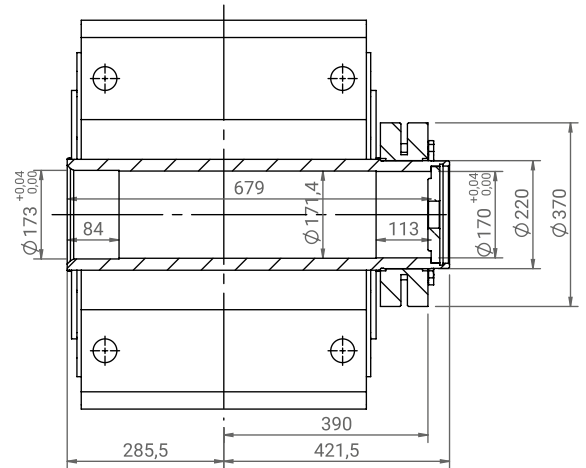
Dimensioni / Dimension Sheets

### Conf. Albero uscita Output Shaft Configurations

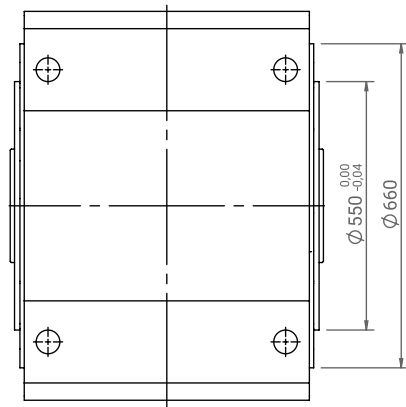
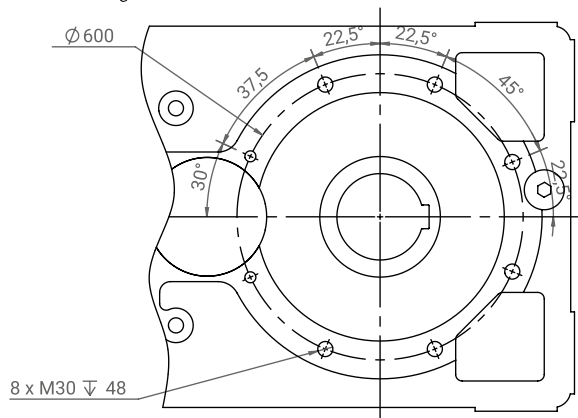
SR / SL



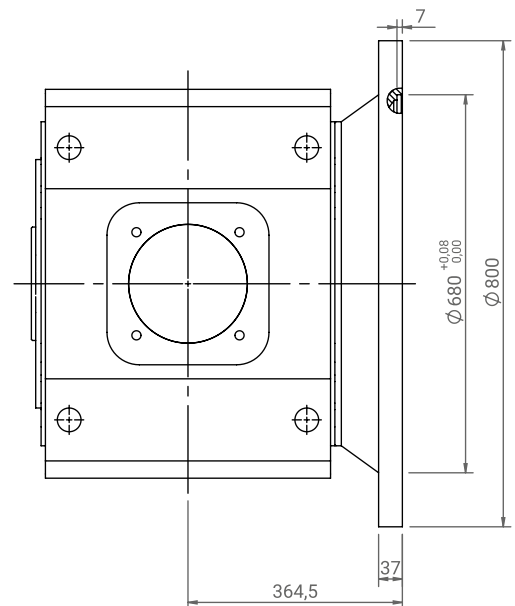
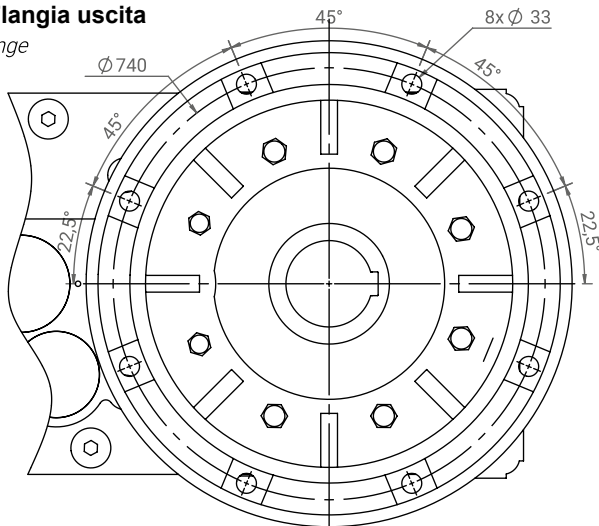
**Albero esterno** Customer Shaft



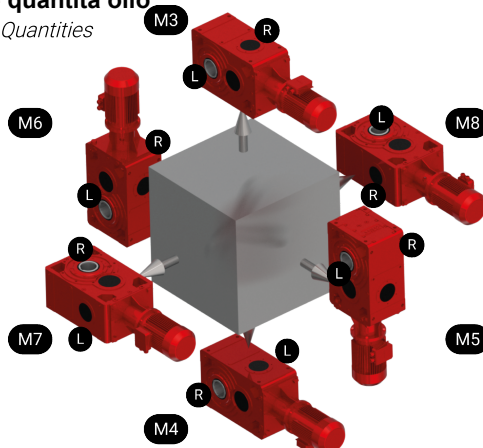
### Dimensioni montaggio laterale Side View Mounting Dimensions



### FR 800 / Flangia uscita Output Flange



### Posizioni montaggio e quantità olio Mounting Positions\* and Oil Quantities



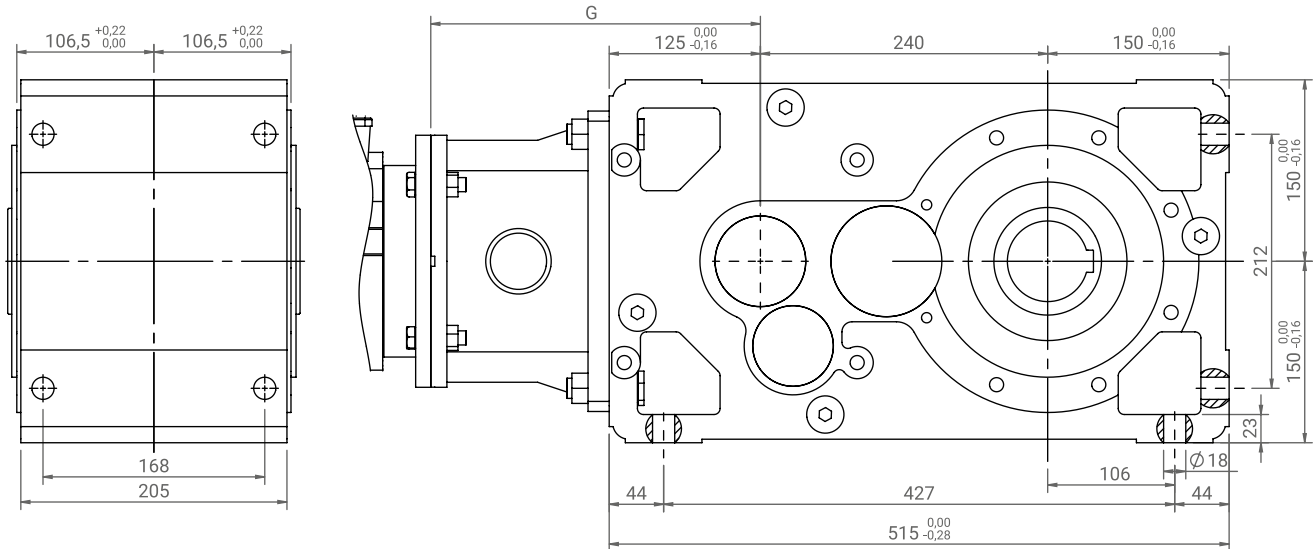
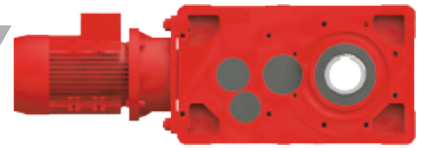
1500 Kg

**Peso incluso flangia PAM 315 B5**  
WEIGHT INCLUDING 315 B5 MOTOR FLANGE

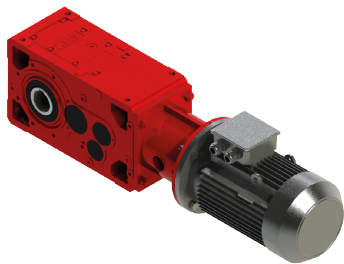
| MKH 2360 Quantità olio |    |     | OIL QUANTITIES (L) |     |     |
|------------------------|----|-----|--------------------|-----|-----|
| M3                     | M4 | M5  | M6                 | M7  | M8  |
| 93                     | 93 | 123 | 121                | 139 | 149 |

\*Posizione montaggio mostrate con configurazione HS

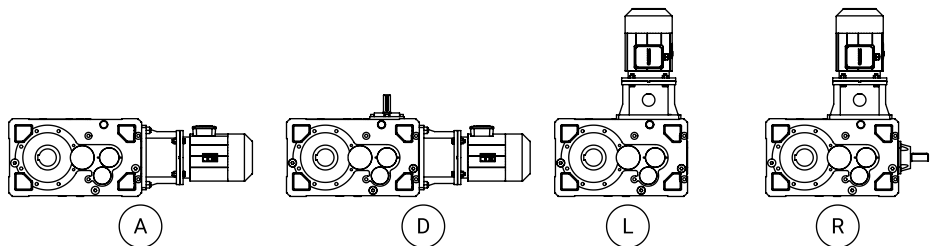
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



**Conf. albero ingresso**  
Input Shaft Configurations

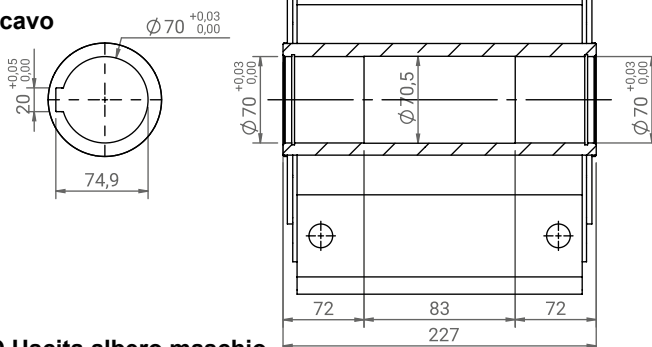


| Rapporto<br>Raito | G          |        |        |        |
|-------------------|------------|--------|--------|--------|
|                   | 100/112 B5 | 132 B5 | 160 B5 | 180 B5 |
| i>80              | 276        | 303    | -      | -      |
| 40<i<80           | 286        | 308    | 347    | -      |
| i≤40              | -          | 318    | 352    | 352    |

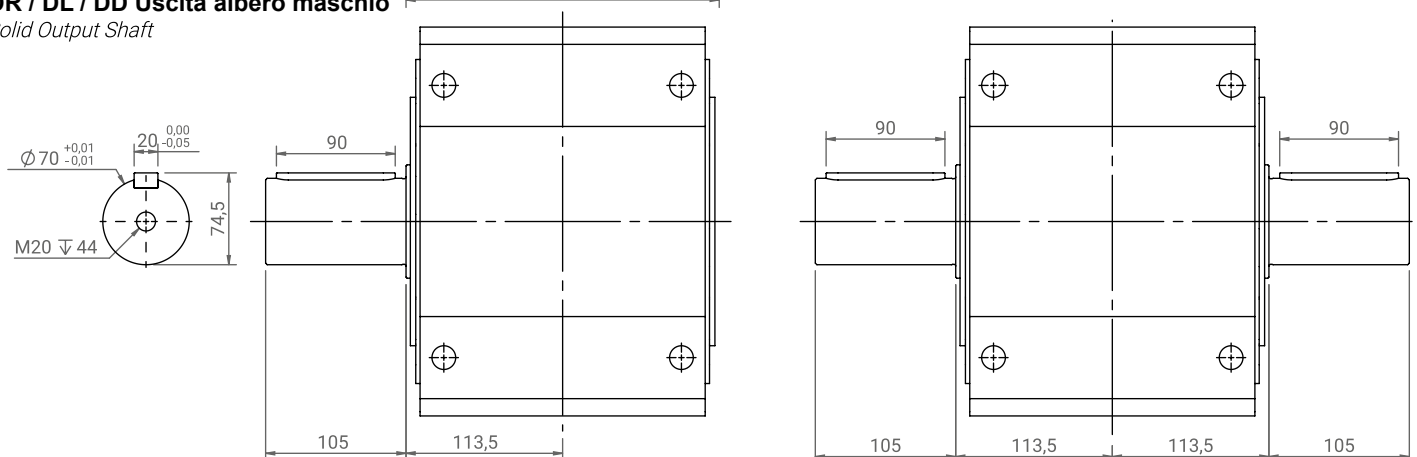


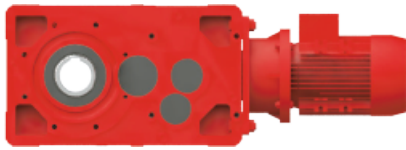
**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft





**ZET**  
R e d ü k t ö r

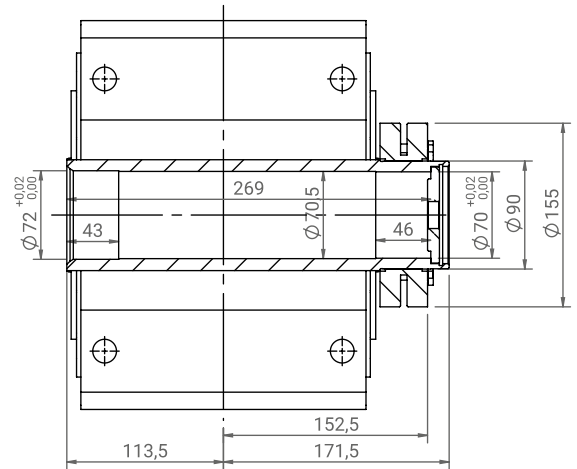
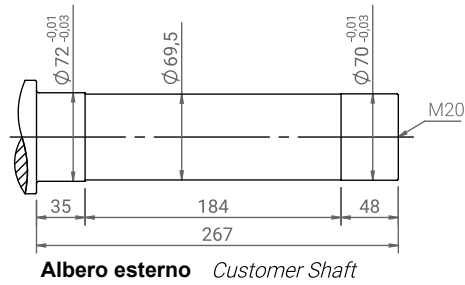
## MKH 3140

Dimensioni / Dimension Sheets

### Conf. Albero uscita

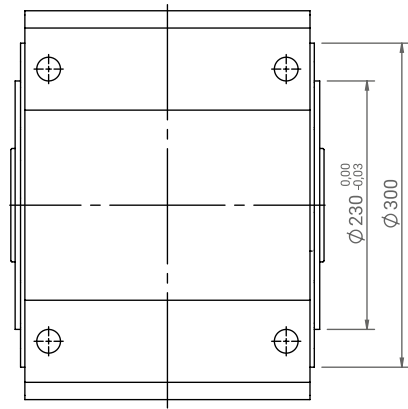
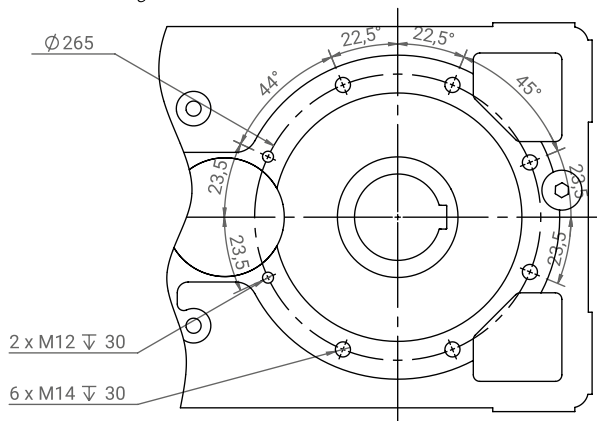
Output Shaft Configurations

SR /SL



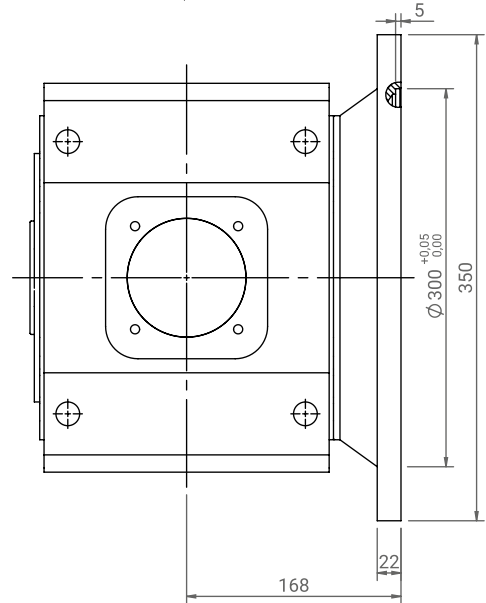
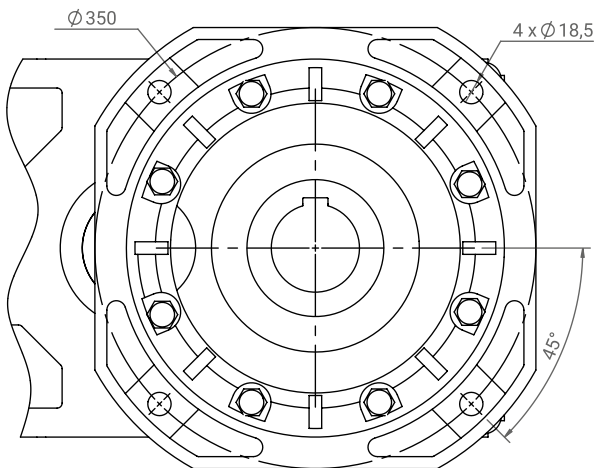
### Dimensioni montaggio laterale

Side View Mounting Dimensions



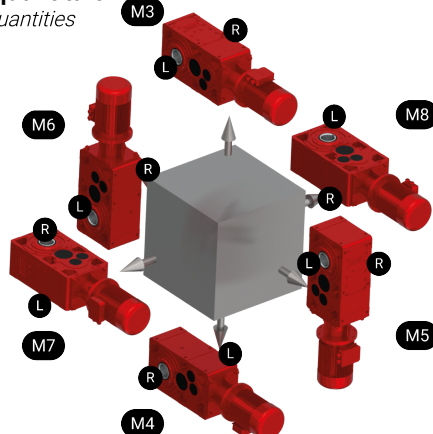
### FR 350 / Flangia uscita

Output Flange



### Posizioni montaggio e quantità olio

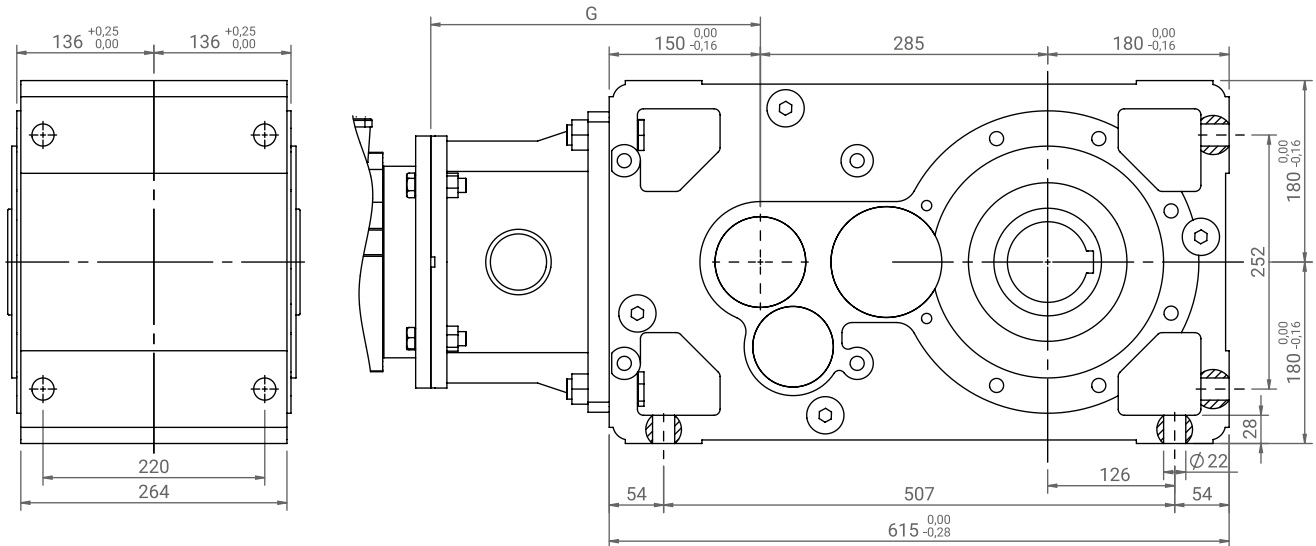
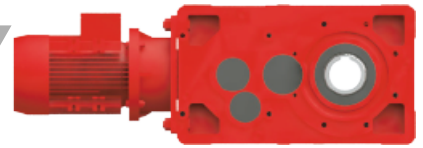
Mounting Positions\* and Oil Quantities



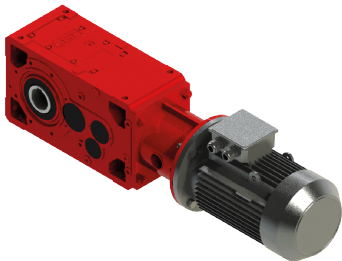
**Peso incluso flangia PAM 160 B5**  
WEIGHT INCLUDING 160 B5 MOTOR FLANGE

| MKH 3140 Quantità olio |    |    | OIL QUANTITIES (L) |    |    |
|------------------------|----|----|--------------------|----|----|
| M3                     | M4 | M5 | M6                 | M7 | M8 |
| 8                      | 8  | 10 | 11                 | 13 | 11 |

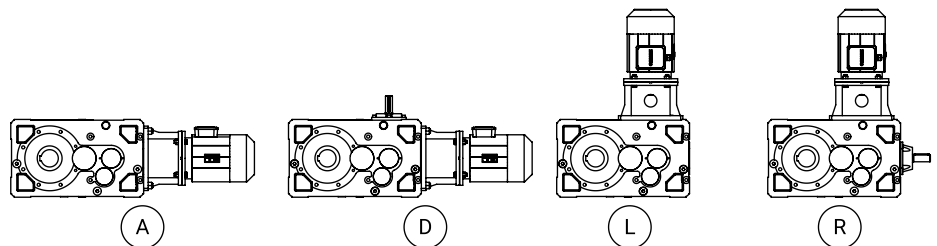
\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



**Conf. albero ingresso**  
Input Shaft Configurations

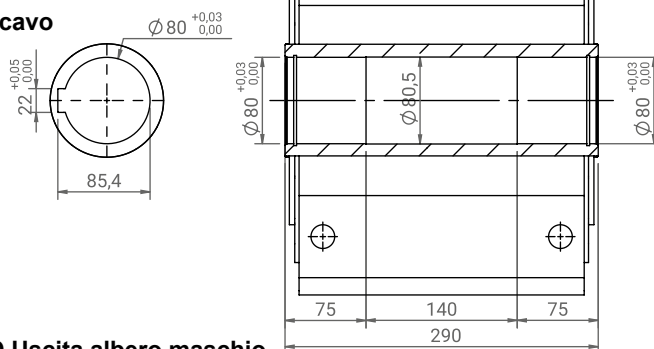


| Rapporto<br>Ratio | G          |        |        |        |        |        |
|-------------------|------------|--------|--------|--------|--------|--------|
|                   | 100/112 B5 | 132 B5 | 160 B5 | 180 B5 | 200 B5 | 225 B5 |
| i>80              | 326        | 348    | 387    | -      | -      | -      |
| 41<i<80           | -          | 323    | 362    | 362    | -      | -      |
| i≤41              | -          | -      | 427    | 427    | 429    | 461    |

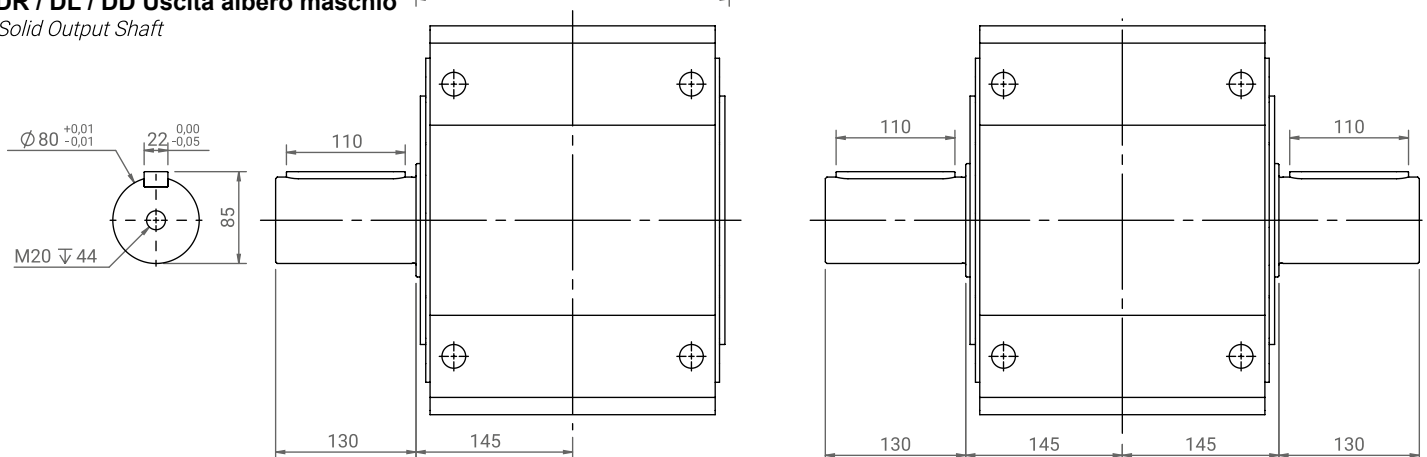


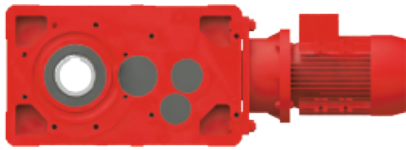
**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



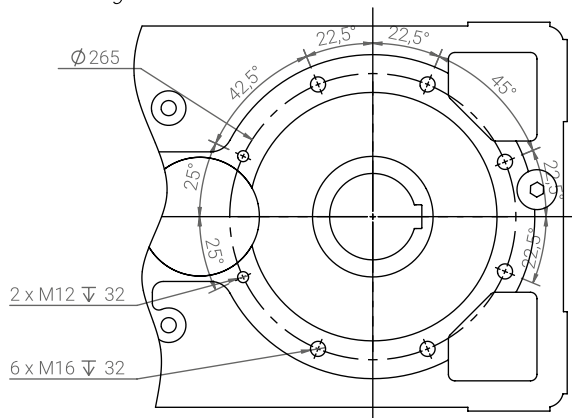


**Conf. Albero uscita**  
Output Shaft Configurations

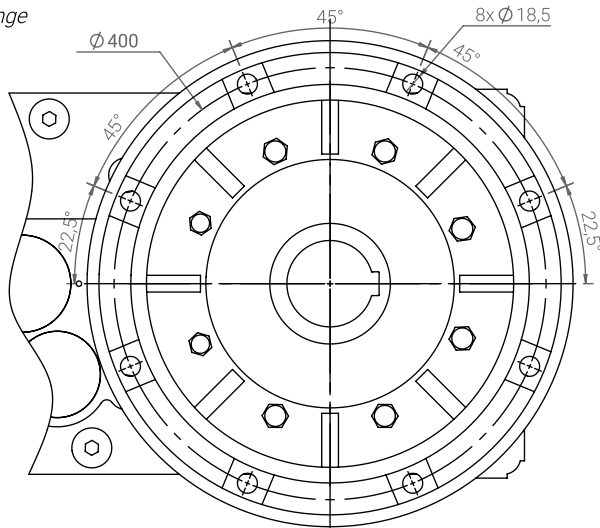
SR /SL



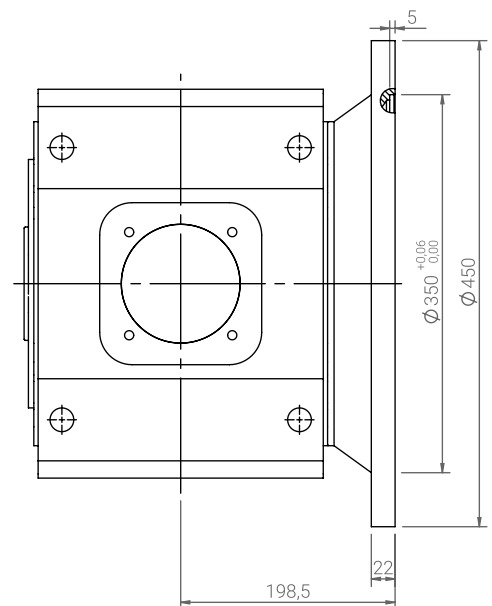
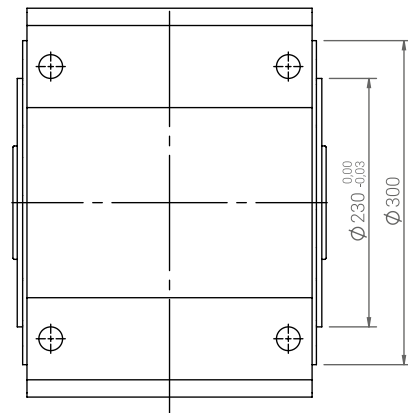
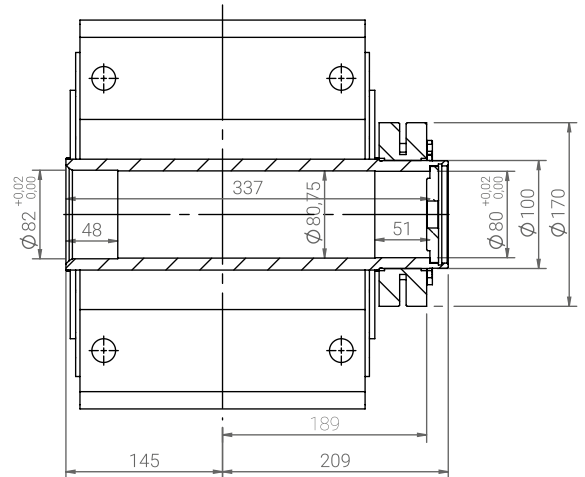
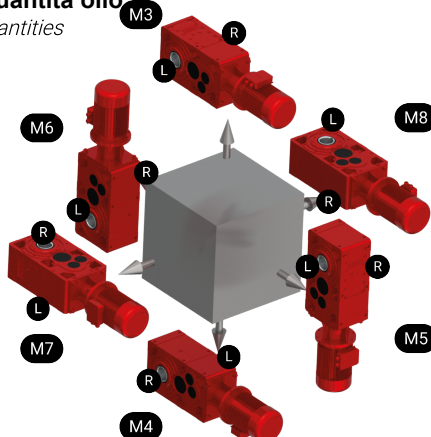
**Dimensioni montaggio laterale**  
Side View Mounting Dimensions



**FR 450 / Flangia uscita**  
Output Flange



**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



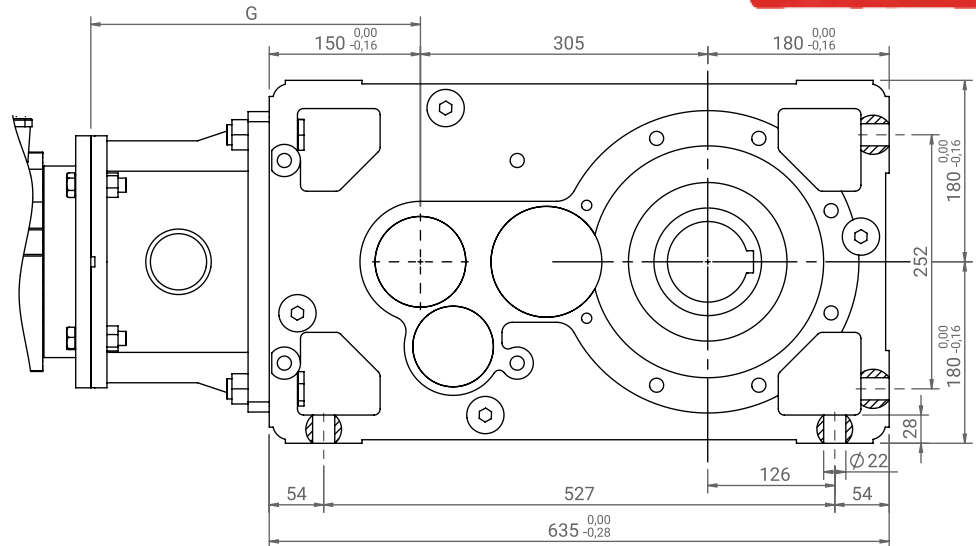
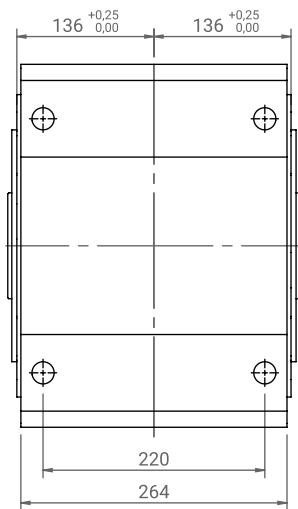
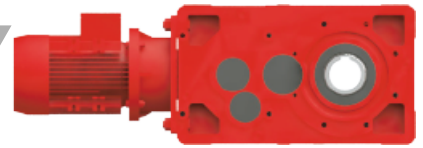
378 Kg

**Peso incluso flangia PAM 132 B5**  
WEIGHT INCLUDING 132 B5 MOTOR FLANGE

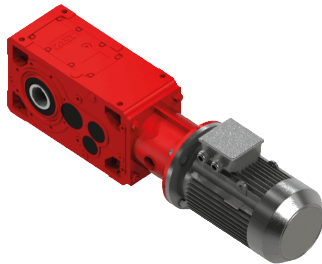
| MKH 3160 Quantità olio |    |    | OIL QUANTITIES (L) |    |    |
|------------------------|----|----|--------------------|----|----|
| M3                     | M4 | M5 | M6                 | M7 | M8 |
| 14                     | 14 | 20 | 19                 | 21 | 21 |

\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION

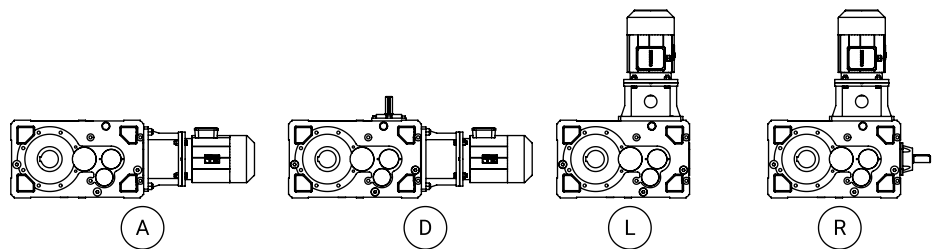




**Conf. albero ingresso**  
Input Shaft Configurations

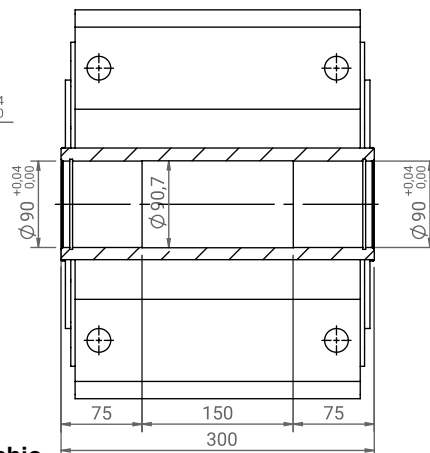
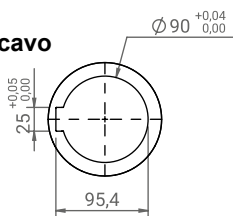


| Rapporto<br>Raito | G          |        |        |        |        |        |
|-------------------|------------|--------|--------|--------|--------|--------|
|                   | 100/112 B5 | 132 B5 | 160 B5 | 180 B5 | 200 B5 | 225 B5 |
| i>77              | 326        | 348    | 387    | -      | -      | -      |
| 77>i>35           | -          | 368    | 407    | 407    | 409    | -      |
| i<35              | -          | -      | 427    | 427    | 429    | 461    |

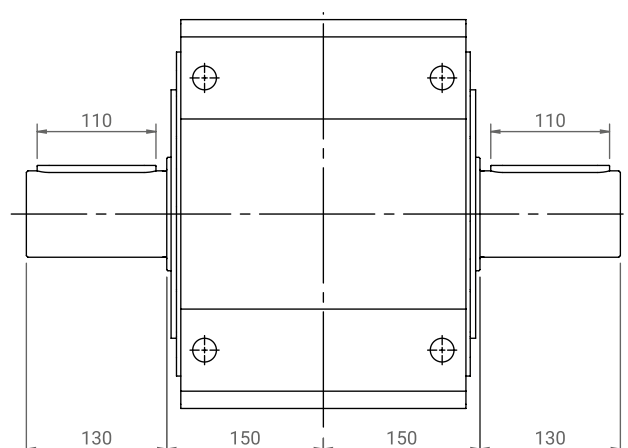
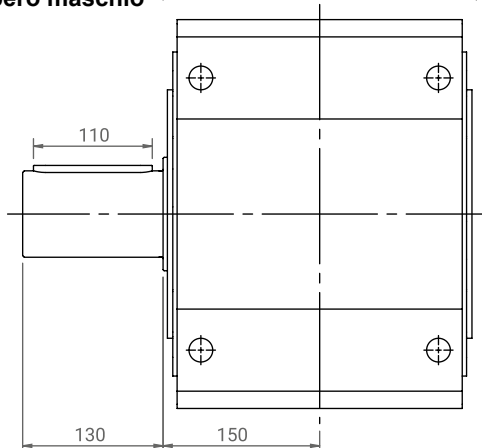
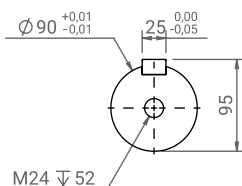


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft

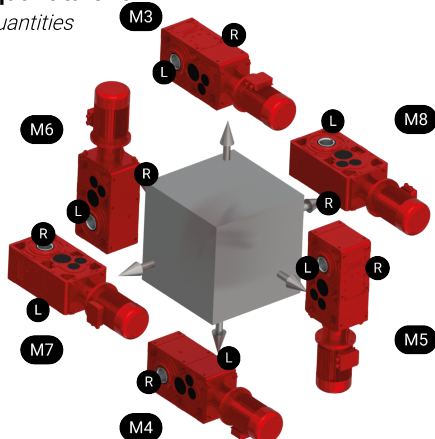
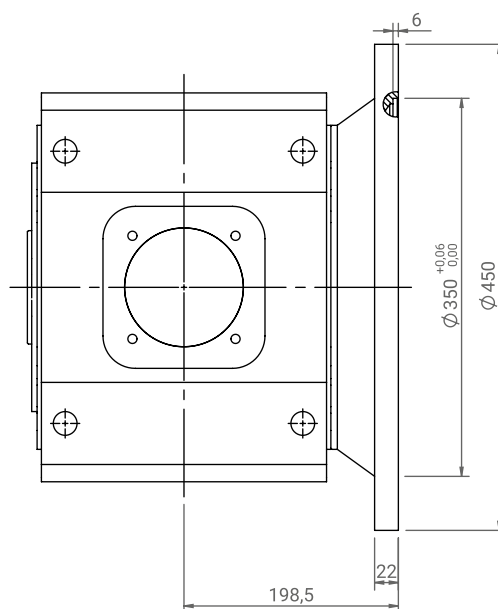
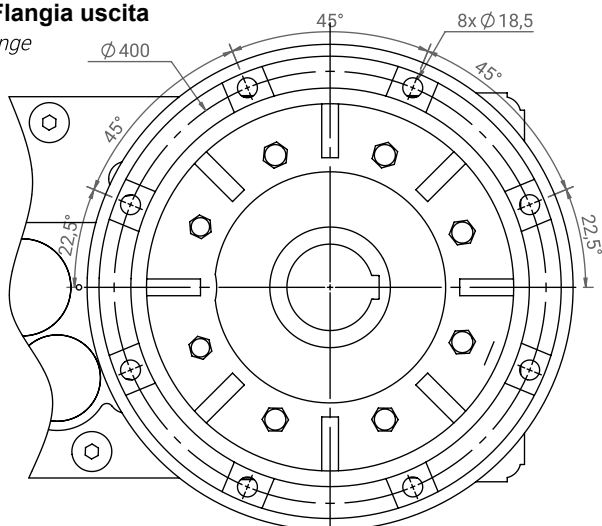
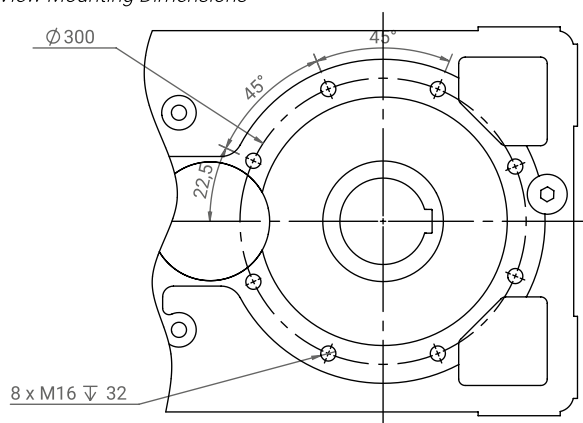
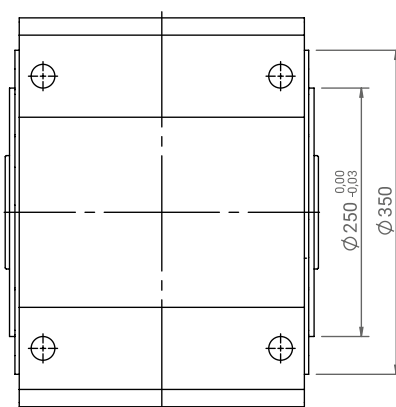
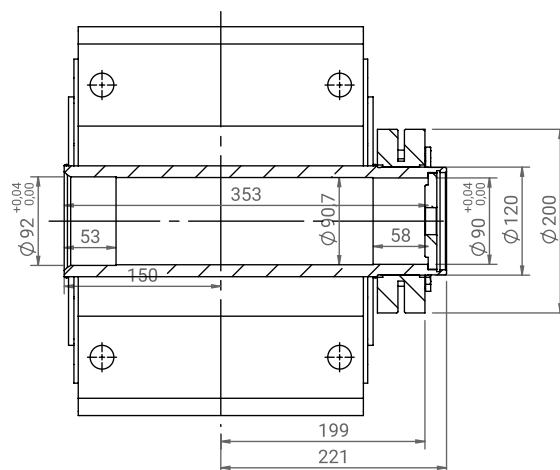
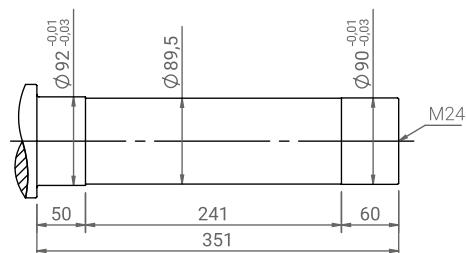


**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



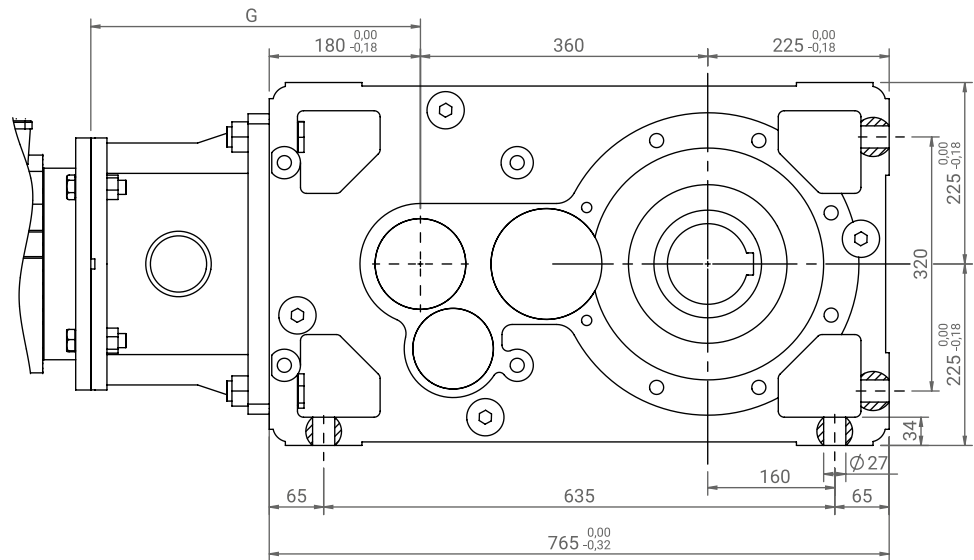
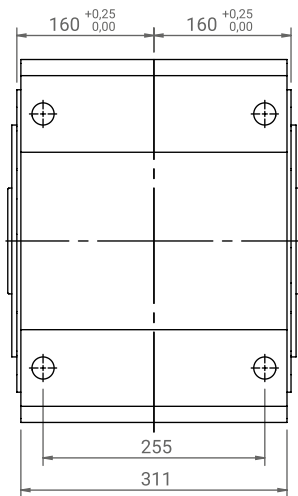
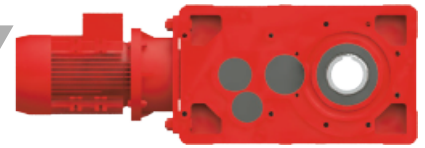


## Dimensioni / Dimension Sheets

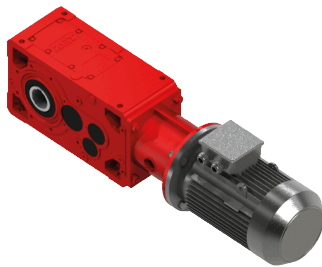


| MKH 3180 Quantità olio |    |    | OIL QUANTITIES (L) |    |    |
|------------------------|----|----|--------------------|----|----|
| M3                     | M4 | M5 | M6                 | M7 | M8 |
| 14                     | 14 | 21 | 21                 | 20 | 21 |

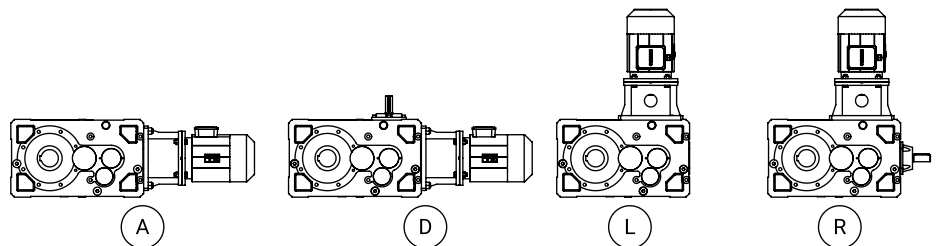
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



**Conf. albero ingresso**  
Input Shaft Configurations

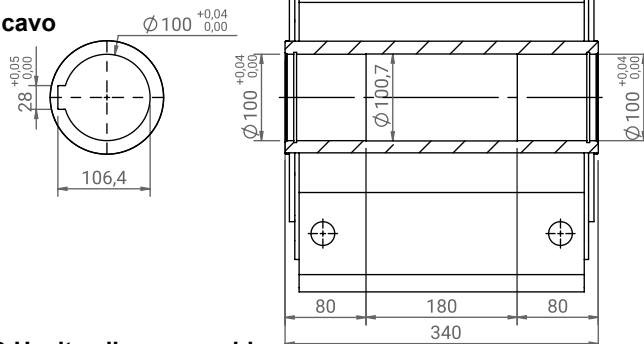


| Rapporto<br>Raito | G      |        |        |        |        |        |        |
|-------------------|--------|--------|--------|--------|--------|--------|--------|
|                   | 132 B5 | 160 B5 | 180 B5 | 200 B5 | 225 B5 | 250 B5 | 280 B5 |
| i>75              | 403    | 437    | 437    | -      | -      | -      | -      |
| 41<i<75           | -      | 457    | 457    | 459    | 491    | -      | -      |
| i≤41              | -      | -      | 457    | 459    | 491    | 502    | 502    |

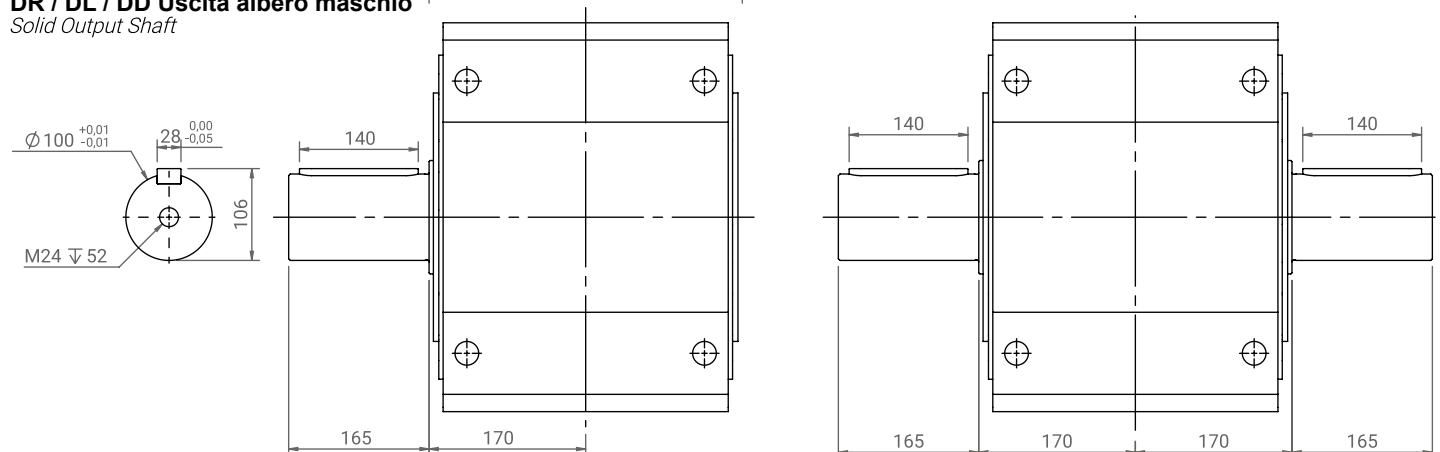


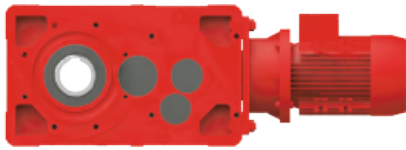
**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



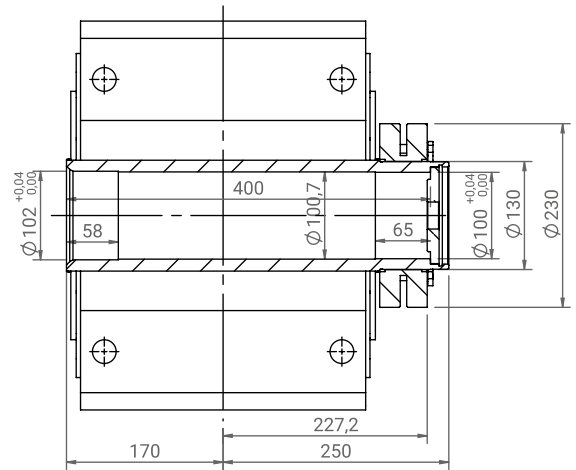
**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft



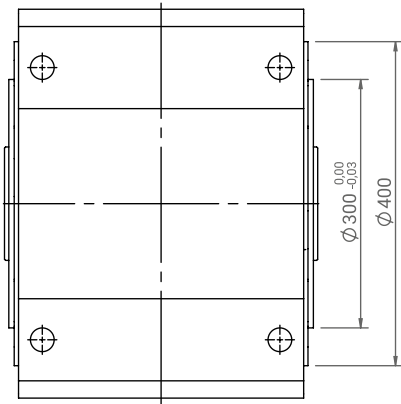
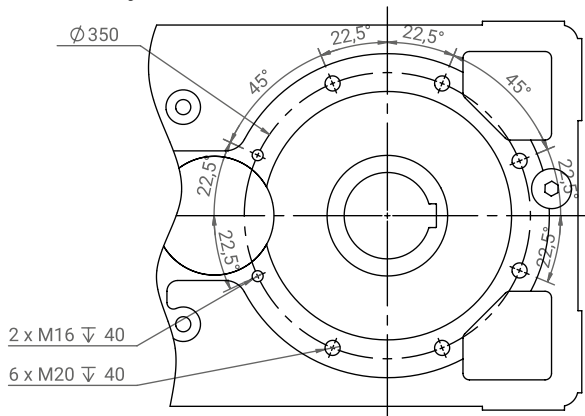


**Conf. Albero uscita**  
Output Shaft Configurations

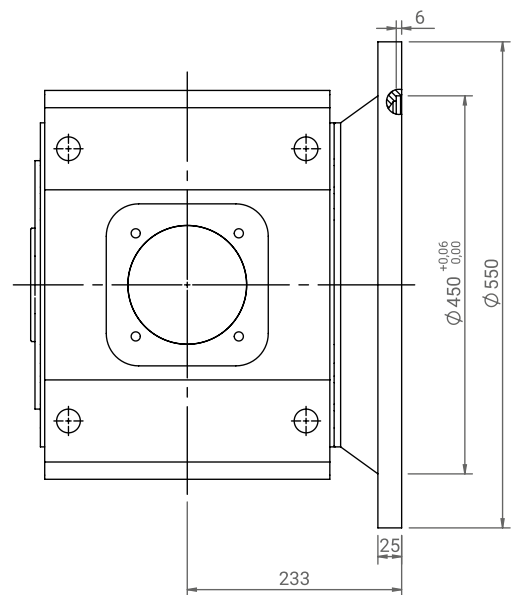
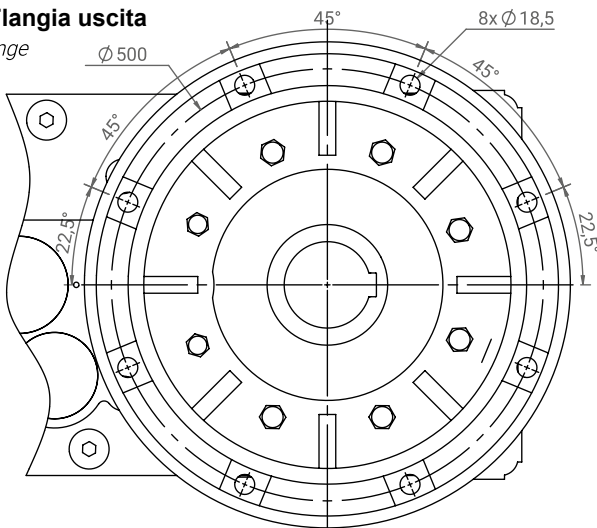
SR /SL



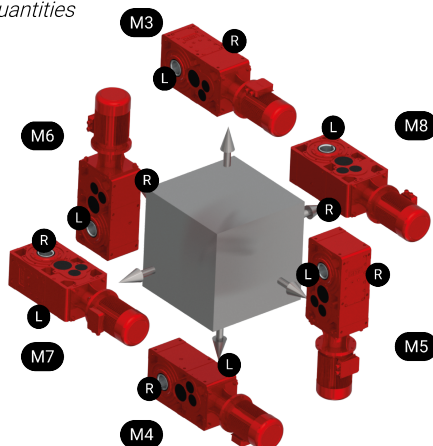
**Dimensioni montaggio laterale**  
Side View Mounting Dimensions



**FR 550 / Flangia uscita**  
Output Flange



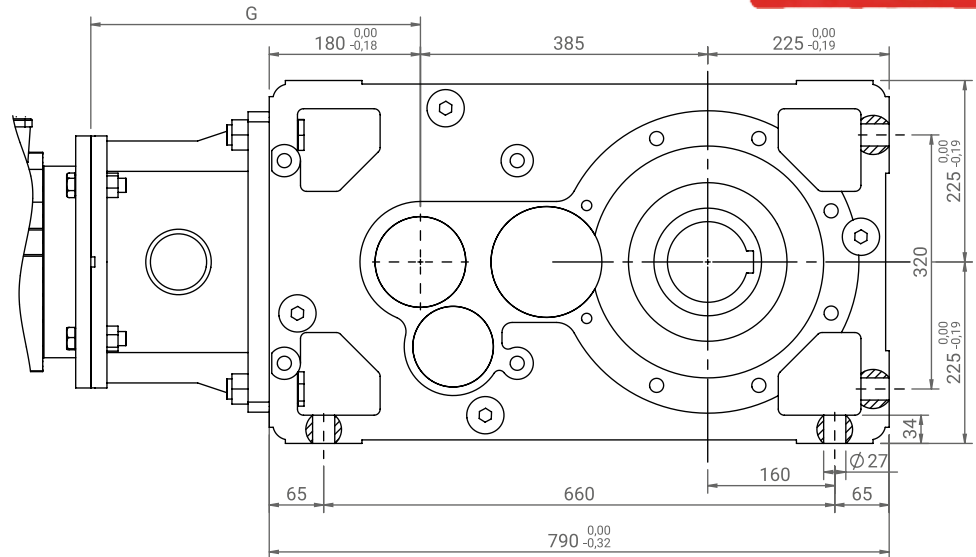
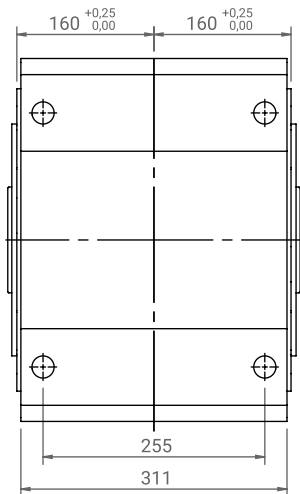
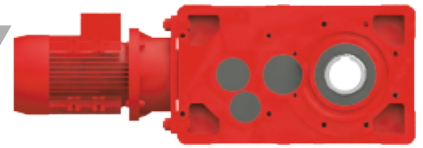
**Posizioni montaggio e quantità olio**  
Mounting Positions\* and Oil Quantities



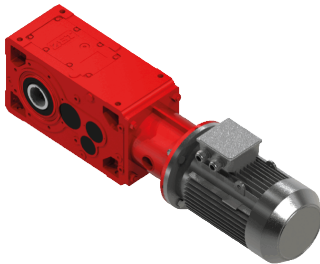
**Peso incluso flangia PAM 160 B5**  
WEIGHT INCLUDING 160 B5 MOTOR FLANGE

| MKH 3200 Quantità olio |    |    | OIL QUANTITIES (L) |    |    |
|------------------------|----|----|--------------------|----|----|
| M3                     | M4 | M5 | M6                 | M7 | M8 |
| 28                     | 28 | 40 | 43                 | 40 | 42 |

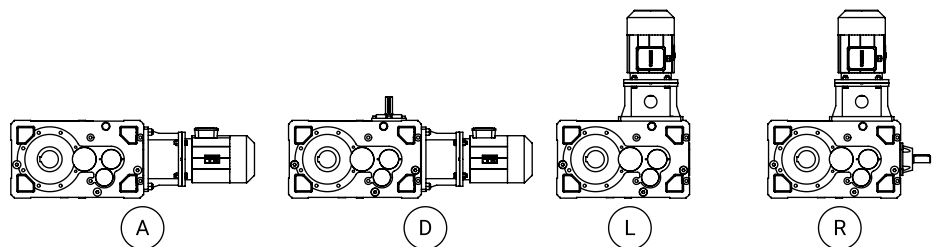
\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



**Conf. albero ingresso**  
Input Shaft Configurations

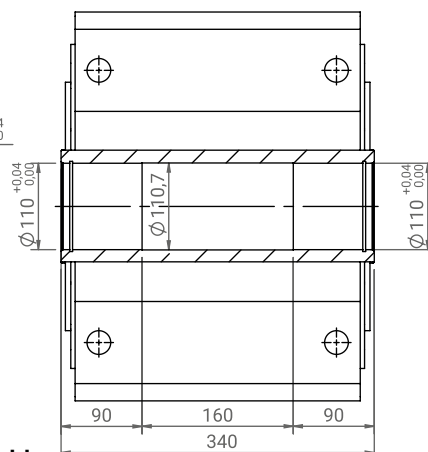
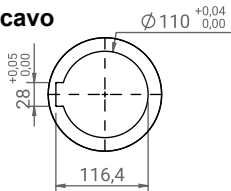


| Rapporto<br>Raito | G      |        |        |        |        |        |        |
|-------------------|--------|--------|--------|--------|--------|--------|--------|
|                   | 132 B5 | 160 B5 | 180 B5 | 200 B5 | 225 B5 | 250 B5 | 280 B5 |
| i>77              | 403    | 437    | 437    | 439    | -      | -      | -      |
| 40<i<77           | -      | 457    | 457    | 459    | 491    | 502    | -      |
| i<40              | -      | -      | 457    | 459    | 491    | 502    | 502    |

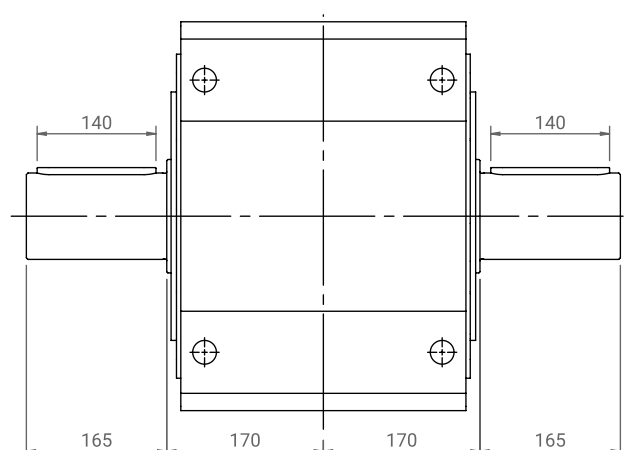
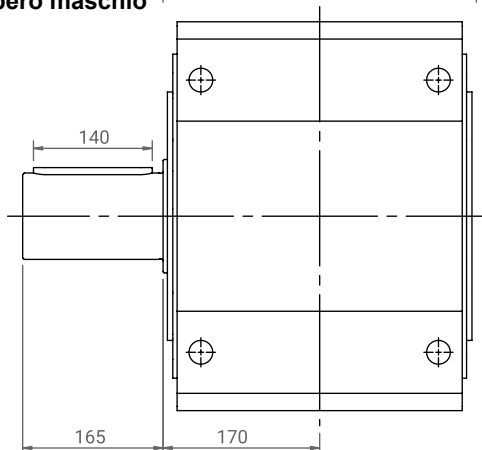
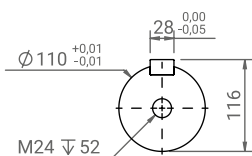


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft

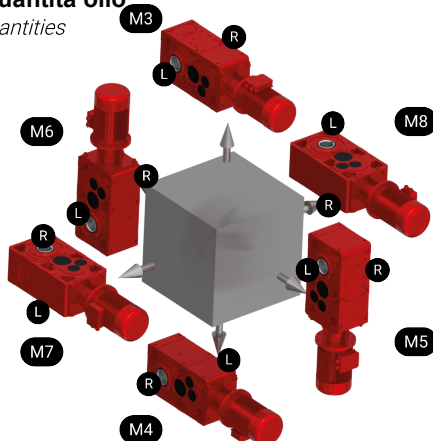
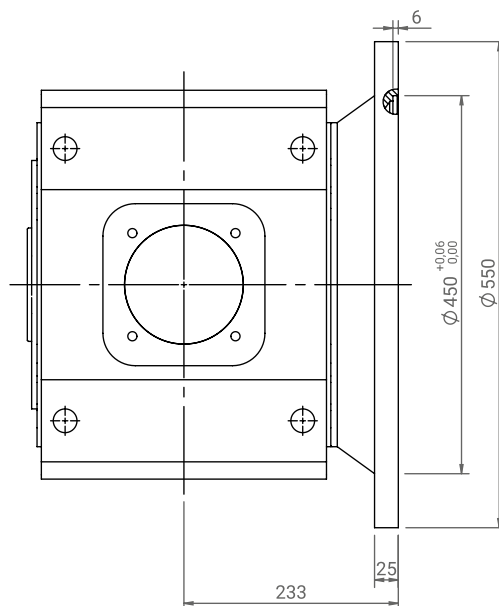
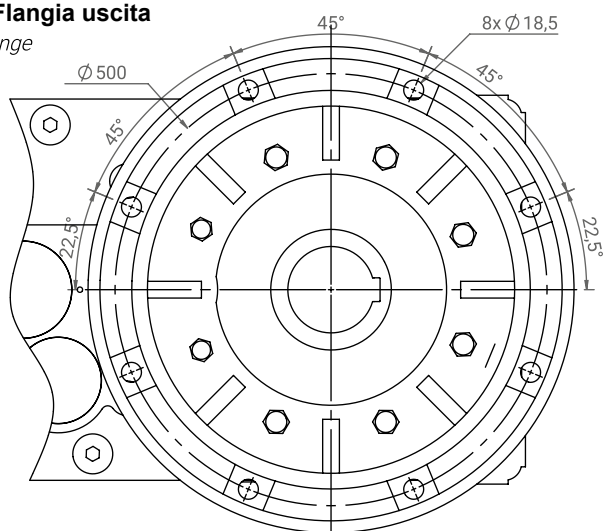
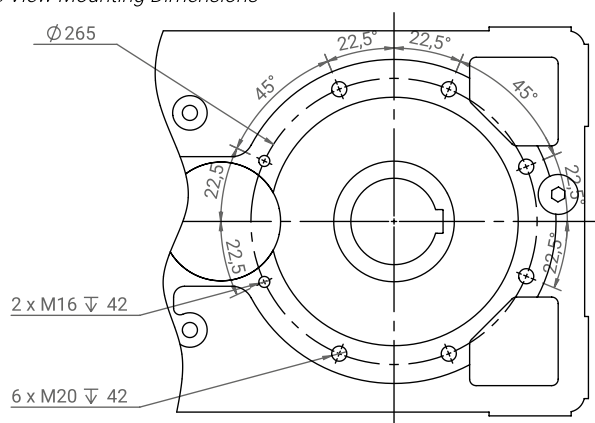
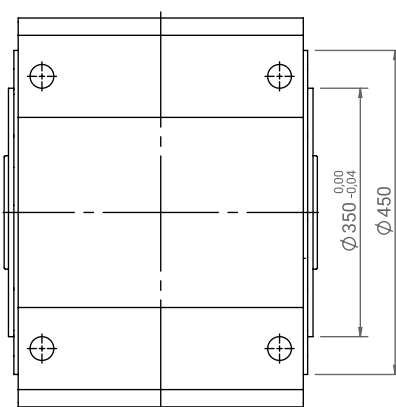
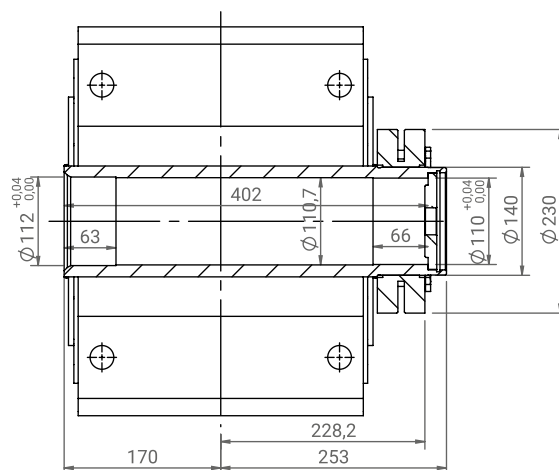
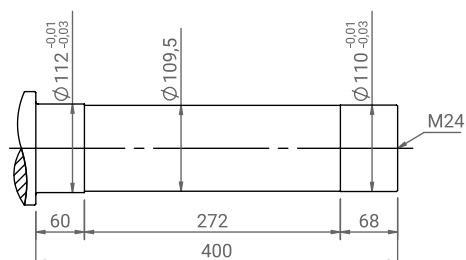


**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft

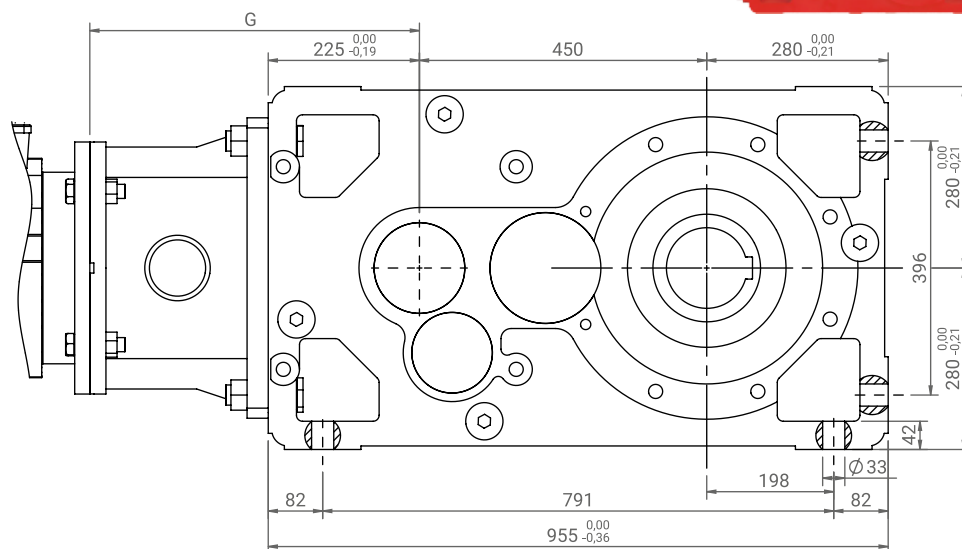
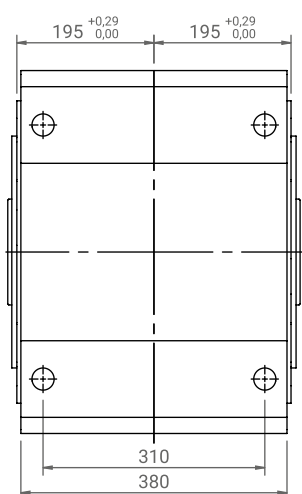




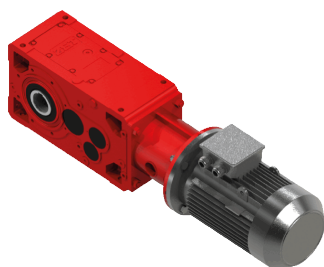
## Dimensioni / Dimension Sheets



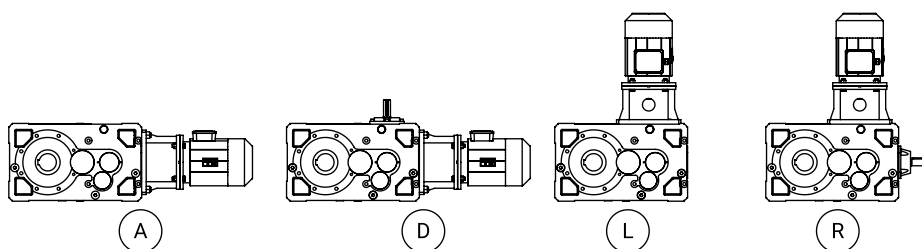
| MKH 3225 Quantità olio |      |      | OIL QUANTITIES (L) |      |      |
|------------------------|------|------|--------------------|------|------|
| M3                     | M4   | M5   | M6                 | M7   | M8   |
| 25.6                   | 37.7 | 39.2 | 41.2               | 42.1 | 39.7 |



**Conf. albero ingresso**  
Input Shaft Configurations

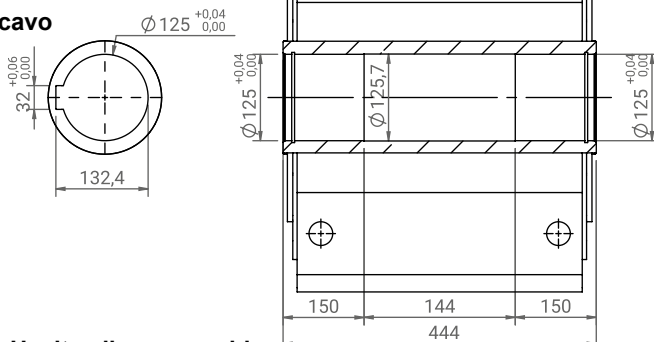


| Rapporto<br>Raito | G      |        |        |        |        |        |        |
|-------------------|--------|--------|--------|--------|--------|--------|--------|
|                   | 160 B5 | 180 B5 | 200 B5 | 225 B5 | 250 B5 | 280 B5 | 315 B5 |
| i>81              | 506    | 506    | 508    | 540    | -      | -      | -      |
| 52<i<81           | -      | 542    | 544    | 576    | 583    | 583    | -      |
| i≤52              | -      | -      | 538    | 570    | 577    | 577    | 617    |

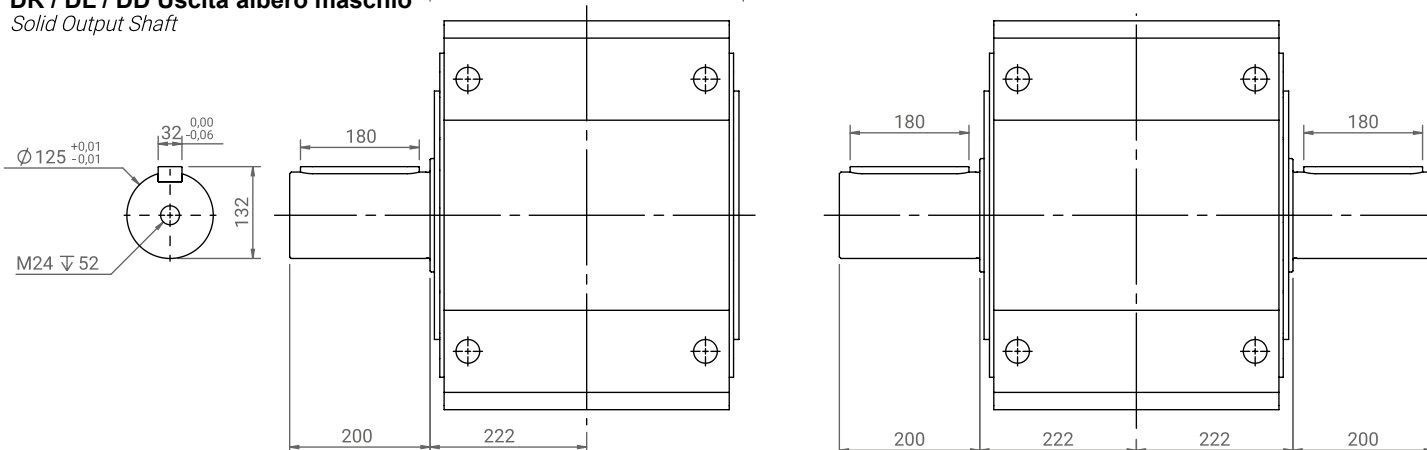


**Conf. Albero uscita**  
Output Shaft Configurations

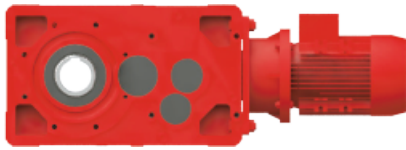
**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft







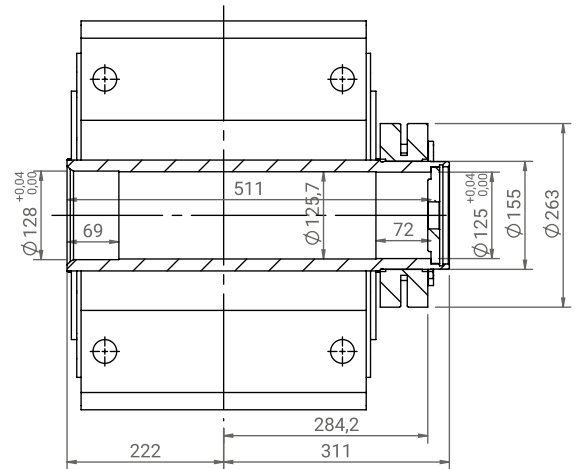
**ZET**  
R e d ü k t ö r

## MKH 3250

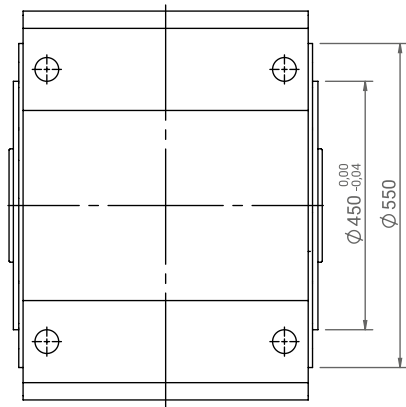
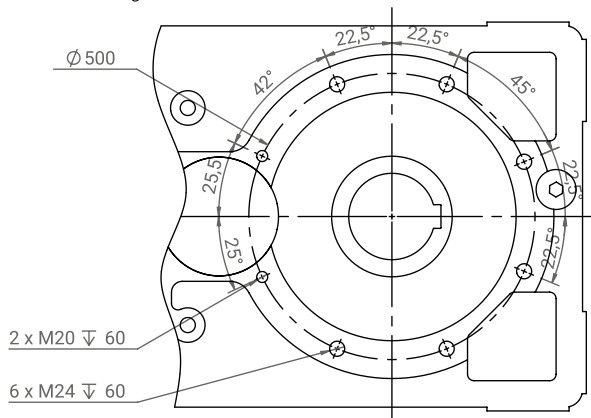
Dimensioni / Dimension Sheets

### Conf. Albero uscita Output Shaft Configurations

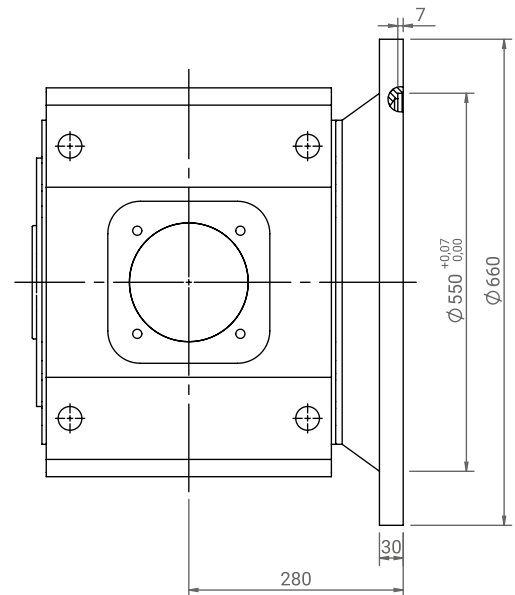
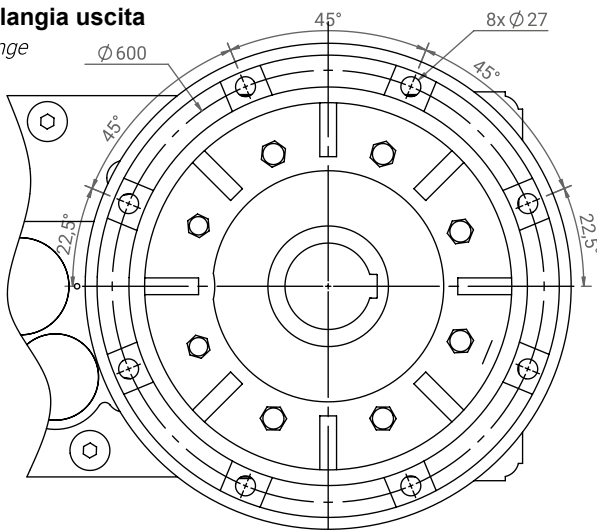
SR / SL



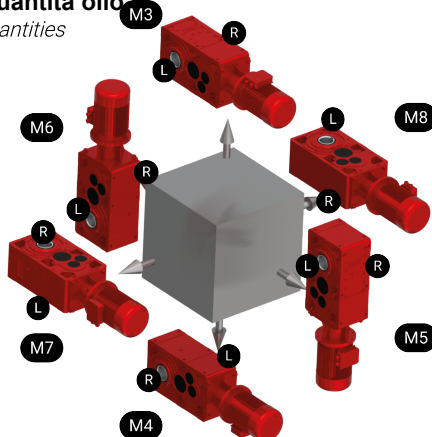
### Dimensioni montaggio laterale Side View Mounting Dimensions



### FR 660 / Flangia uscita Output Flange



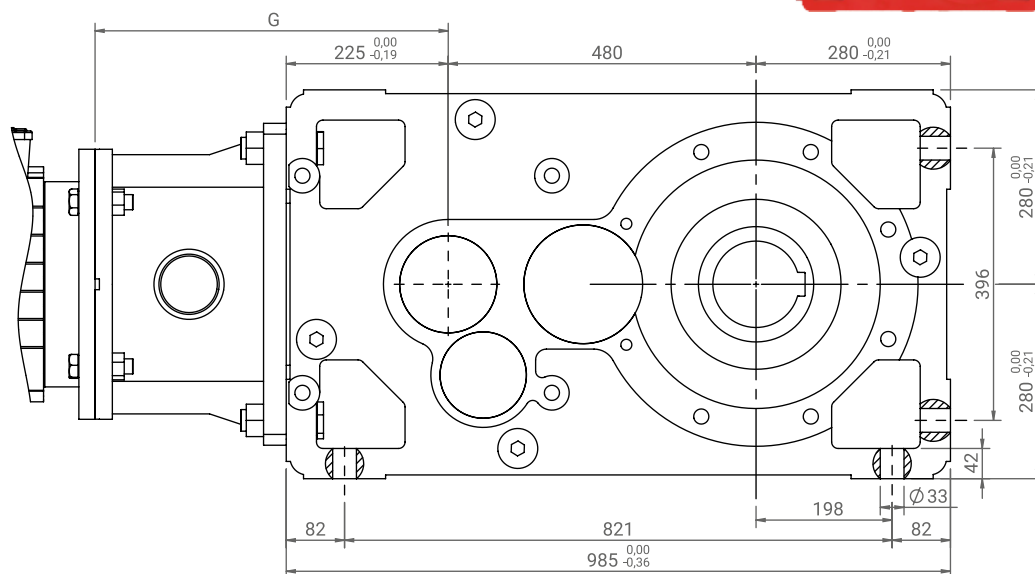
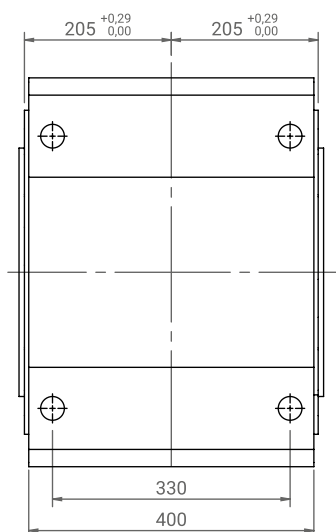
### Posizioni montaggio e quantità olio Mounting Positions\* and Oil Quantities



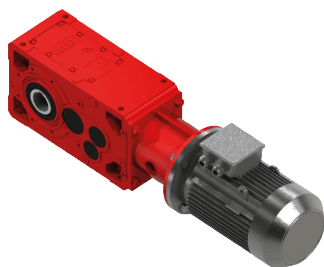
**Peso incluso flangia PAM 200 B5**  
WEIGHT INCLUDING 200 B5 MOTOR FLANGE

| MKH 3250 Quantità olio |    |    | OIL QUANTITIES (L) |    |    |
|------------------------|----|----|--------------------|----|----|
| M3                     | M4 | M5 | M6                 | M7 | M8 |
| 54                     | 54 | 78 | 85                 | 79 | 81 |

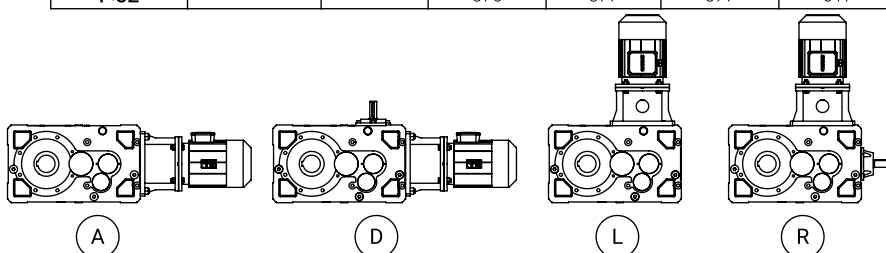
\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



**Conf. albero ingresso**  
Input Shaft Configurations

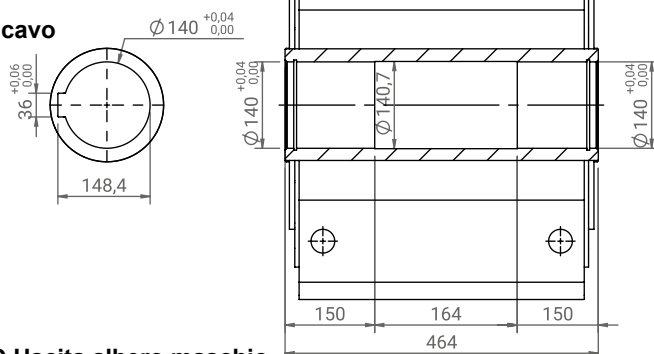


| Rapporto<br>Raito | G      |        |        |        |        |        |
|-------------------|--------|--------|--------|--------|--------|--------|
|                   | 180 B5 | 200 B5 | 225 B5 | 250 B5 | 280 B5 | 315 B5 |
| i>80              | 506    | 508    | 540    | 547    | 547    | -      |
| 80>i>52           | -      | 544    | 576    | 583    | 583    | 617    |
| i<52              | -      | -      | 576    | 577    | 577    | 617    |

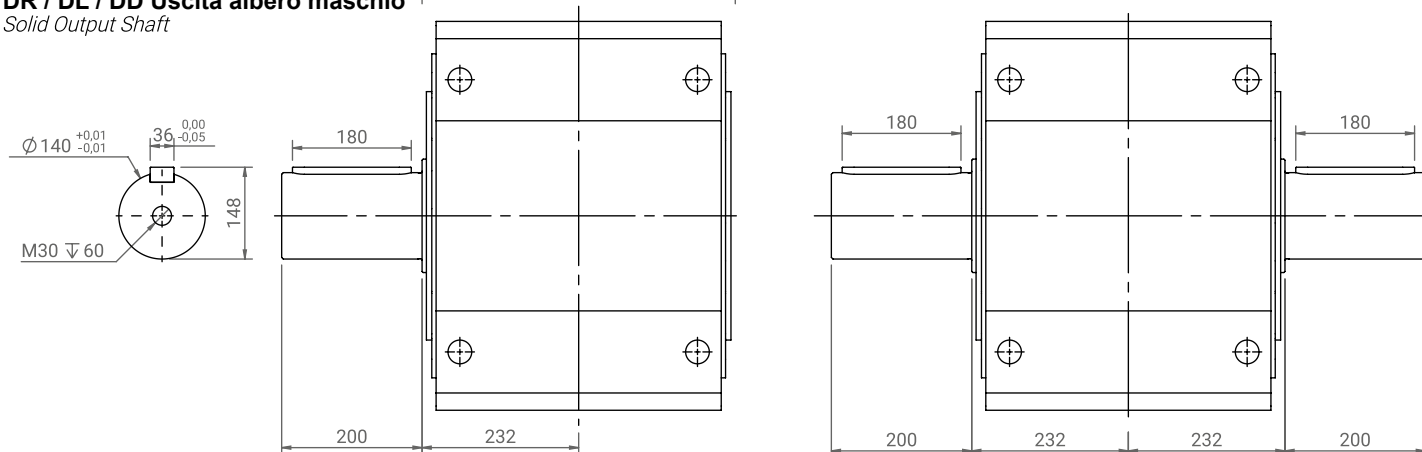


**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft

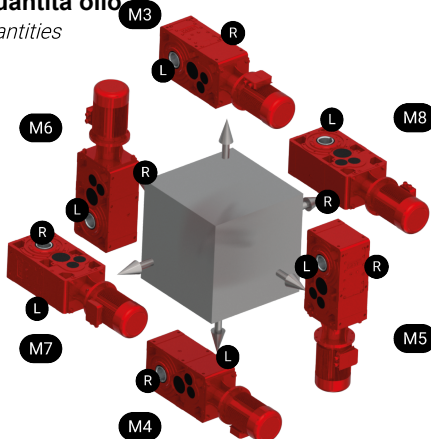
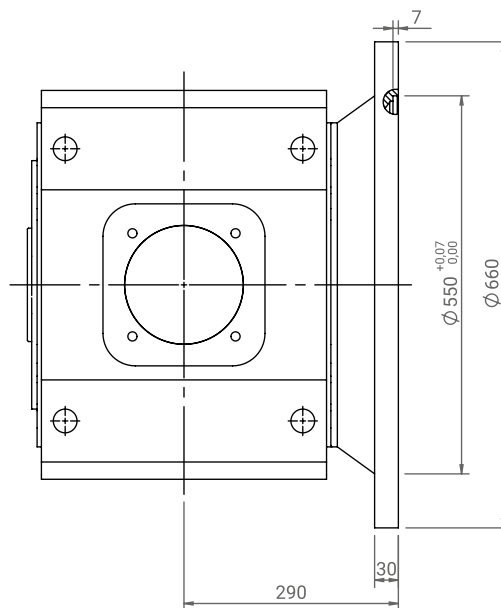
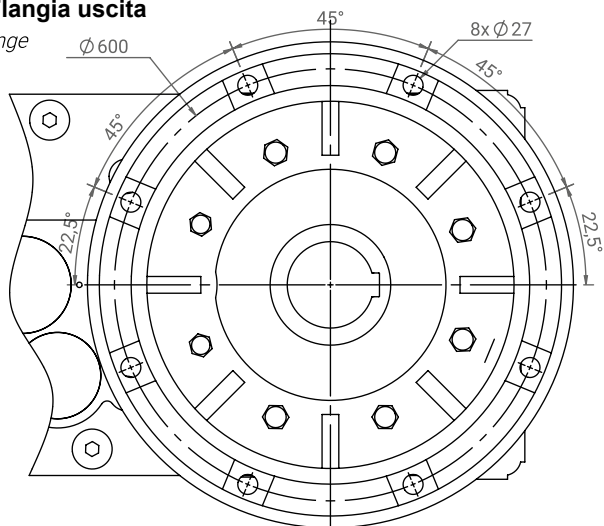
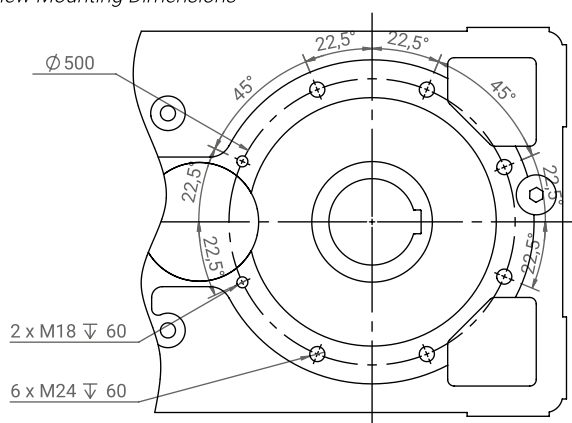
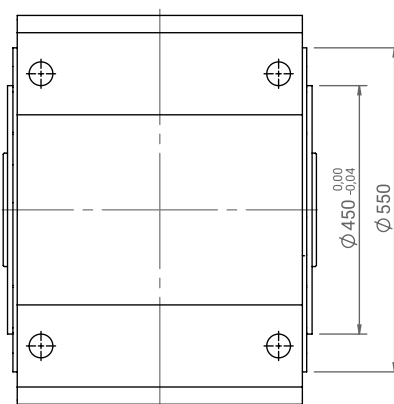
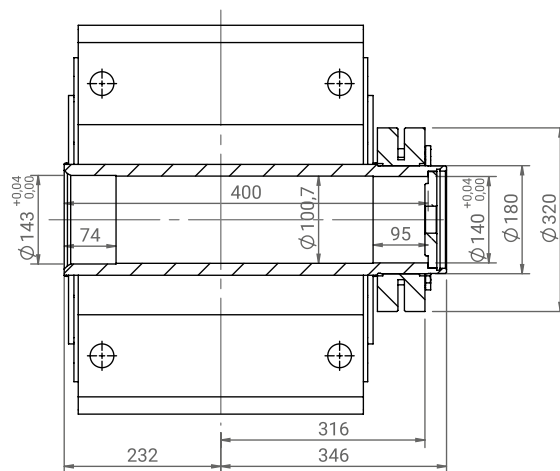
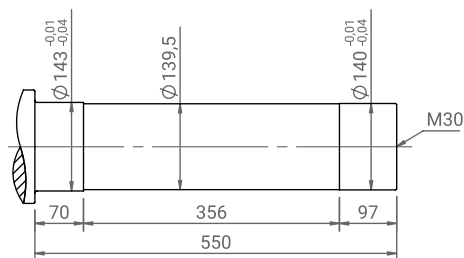


**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft

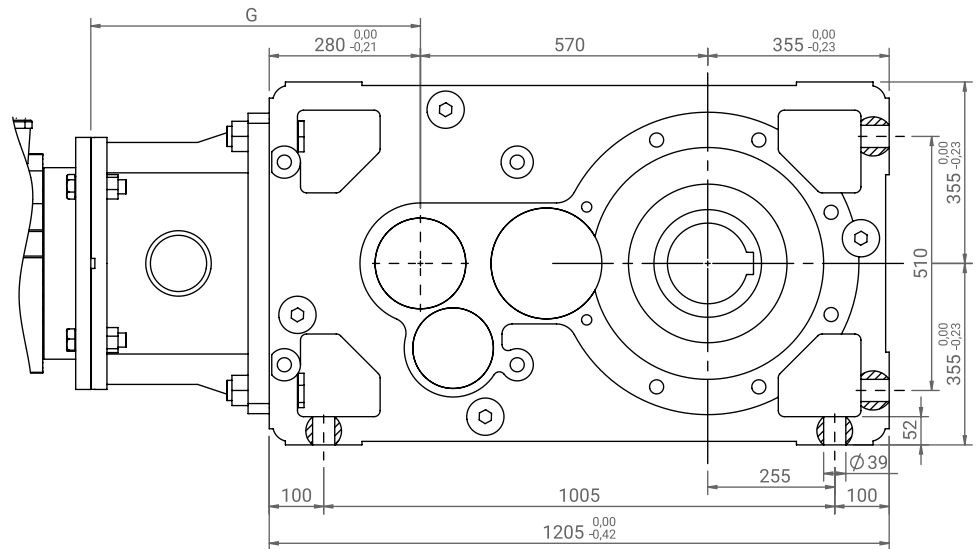
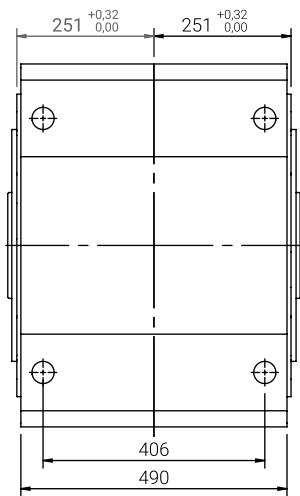
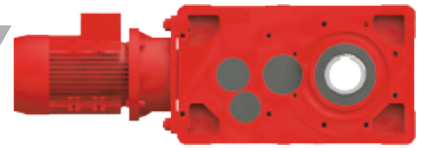




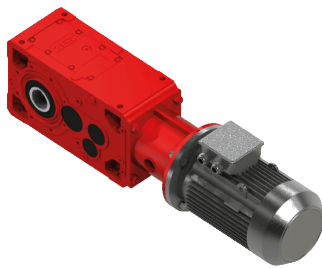
## Dimensioni / Dimension Sheets



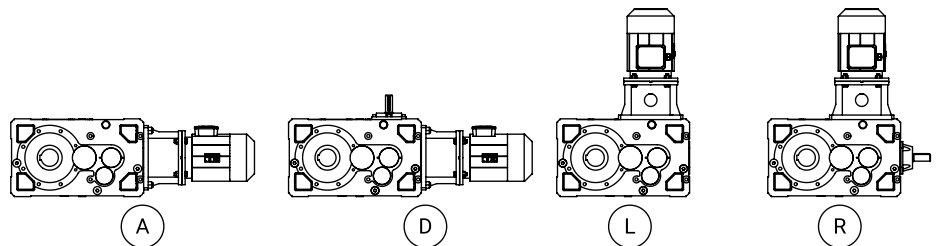
| MKH 3280 Quantità olio |    |    |    |    |    |
|------------------------|----|----|----|----|----|
| OIL QUANTITIES (L)     |    |    |    |    |    |
| M3                     | M4 | M5 | M6 | M7 | M8 |
| 56                     | 56 | 83 | 86 | 79 | 83 |



**Conf. albero ingresso**  
Input Shaft Configurations

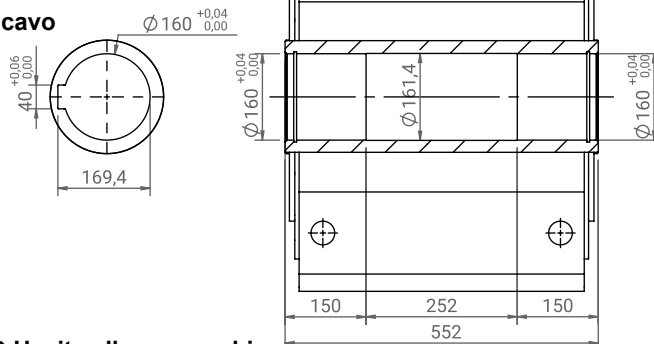


| Rapporto<br>Raito | G      |        |        |        |        |
|-------------------|--------|--------|--------|--------|--------|
|                   | 200 B5 | 225 B5 | 250 B5 | 280 B5 | 315 B5 |
| i>80              | 591    | 623    | 630    | 630    | 693    |
| 40<i<80           | -      | 646    | 653    | 653    | 693    |
| i≤40              | -      | -      | -      | 699    | 739    |

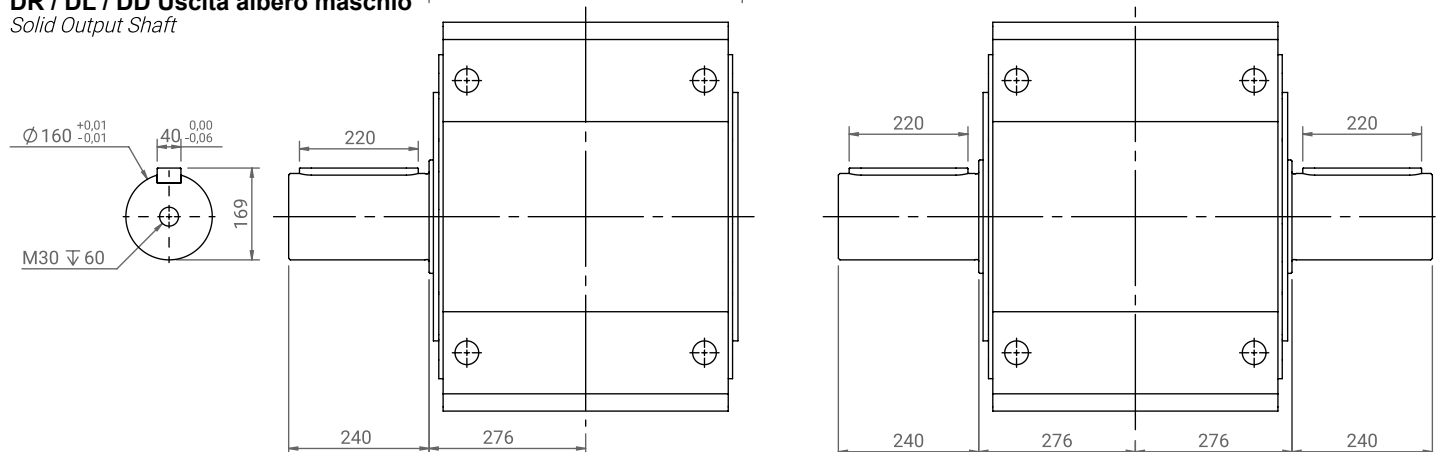


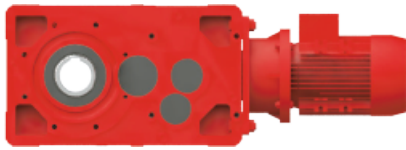
**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft





**ZET**  
R e d ü k t ö r

## MKH 3320

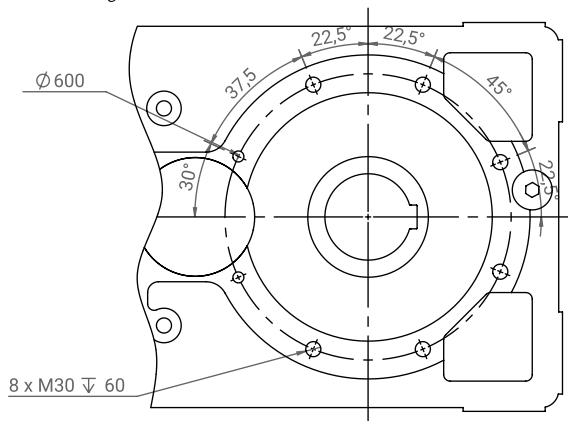
Dimensioni / Dimension Sheets

### Conf. Albero uscita Output Shaft Configurations

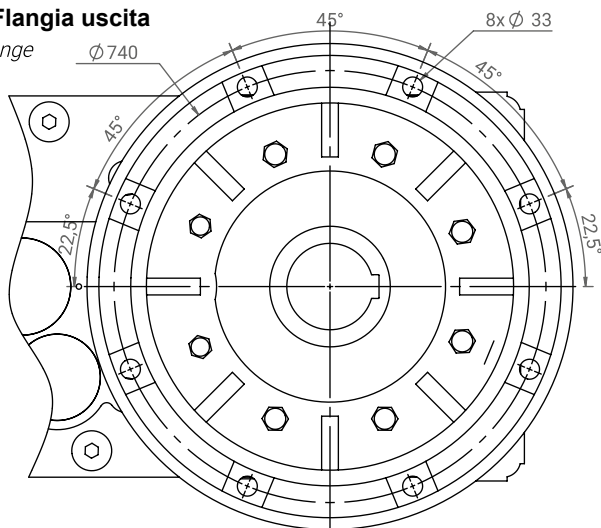
SR /SL



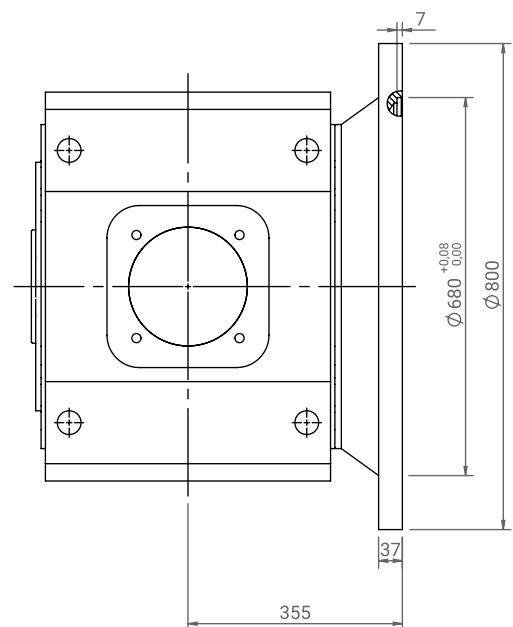
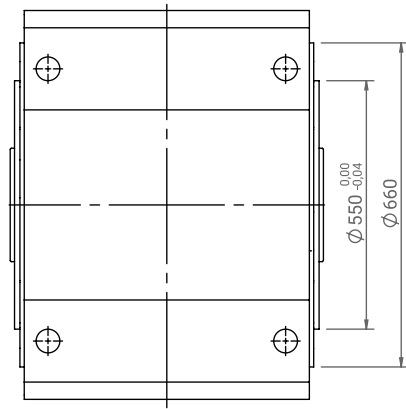
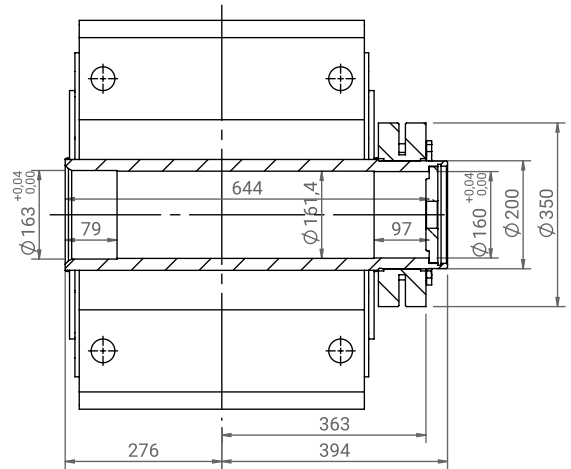
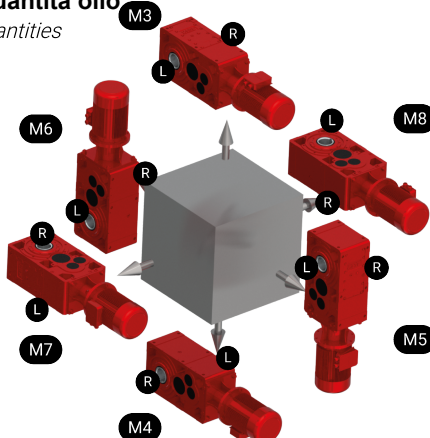
### Dimensioni montaggio laterale Side View Mounting Dimensions



### FR 800 / Flangia uscita Output Flange



### Posizioni montaggio e quantità olio Mounting Positions\* and Oil Quantities

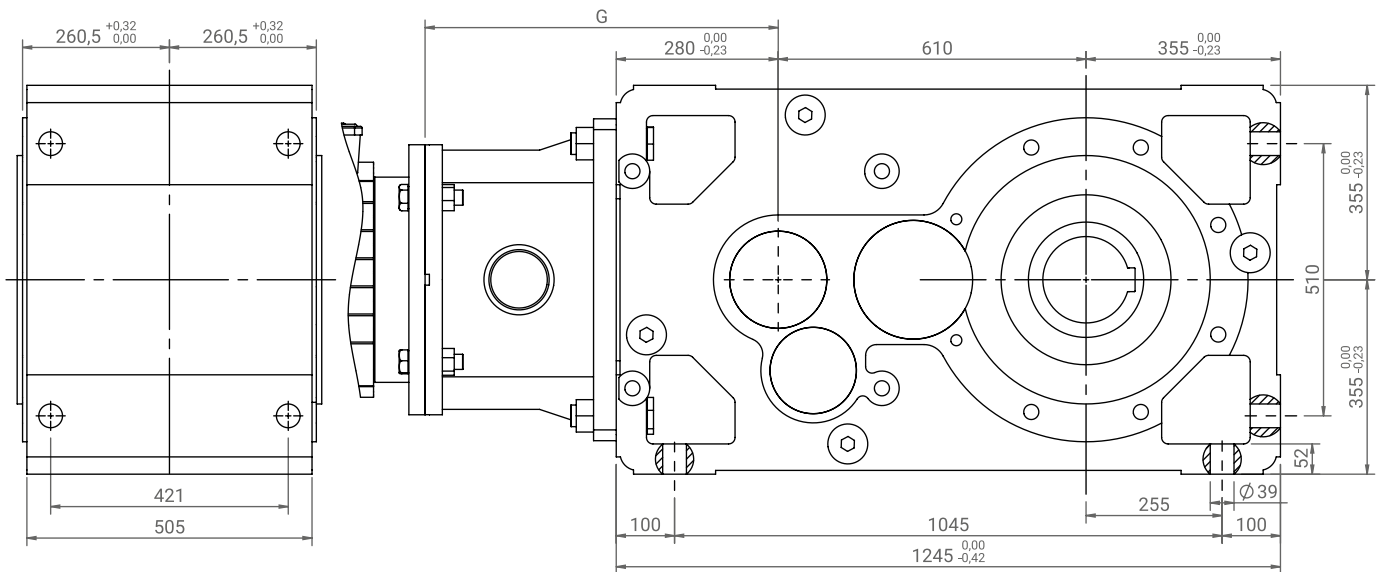
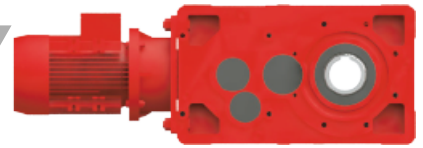


1460 Kg

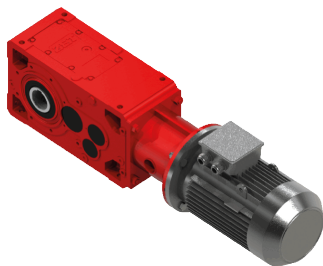
Peso incluso flangia PAM 280 B5  
WEIGHT INCLUDING 280 B5 MOTOR FLANGE

| MKH 3320 Quantità olio |     |     |     | OIL QUANTITIES (L) |     |
|------------------------|-----|-----|-----|--------------------|-----|
| M3                     | M4  | M5  | M6  | M7                 | M8  |
| 117                    | 117 | 160 | 182 | 165                | 170 |

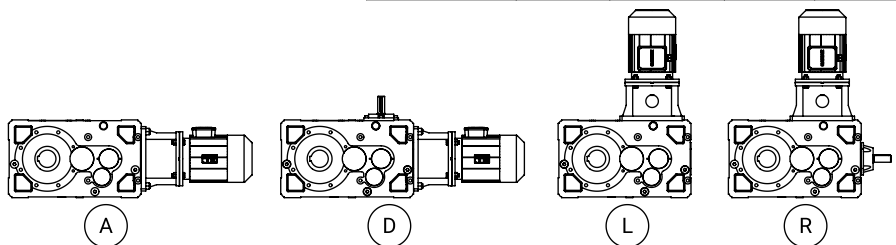
\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



**Conf. albero ingresso**  
Input Shaft Configurations

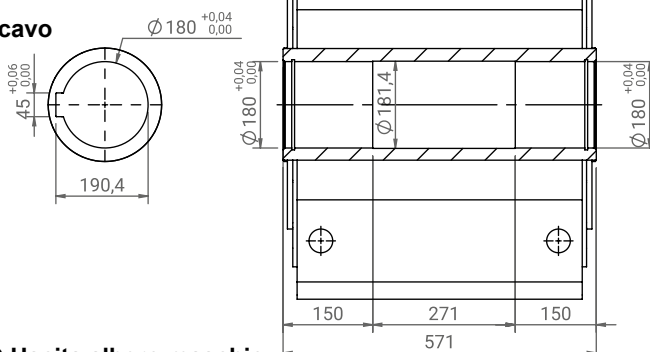


| Rapporto<br>Raito | G      |        |        |        |
|-------------------|--------|--------|--------|--------|
|                   | 225 B5 | 250 B5 | 280 B5 | 315 B5 |
| i>80              | 623    | 630    | 630    | 670    |
| 80>i>40           | 646    | 653    | 653    | 693    |
| i<40              | -      | -      | -      | 739    |

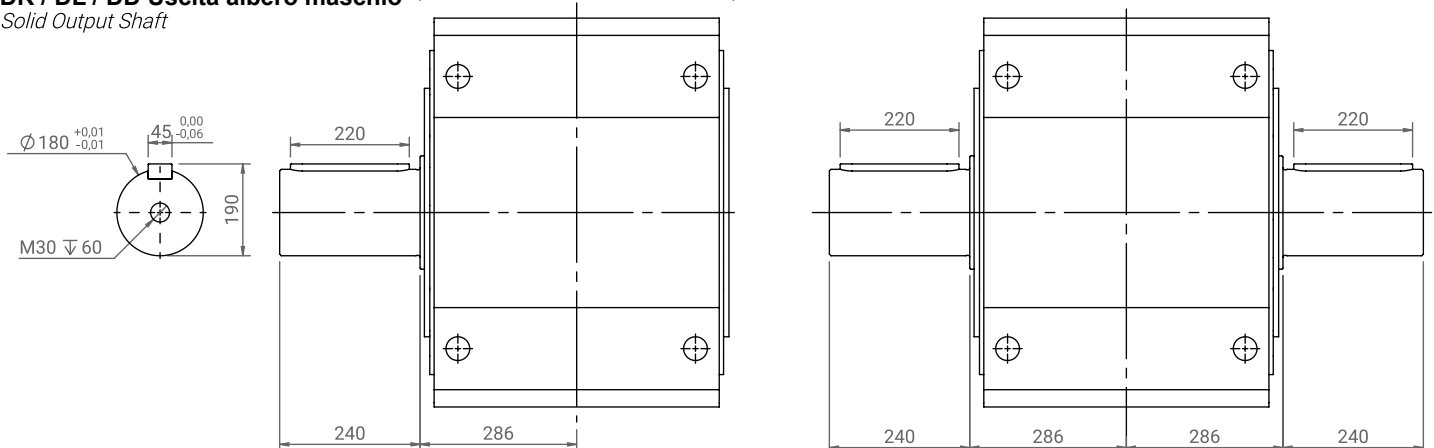


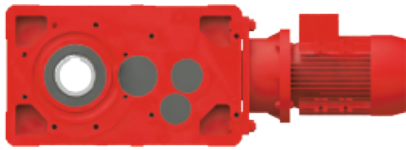
**Conf. Albero uscita**  
Output Shaft Configurations

**HS / Albero cavo**  
Hollow Shaft



**DR / DL / DD Uscita albero maschio**  
Solid Output Shaft





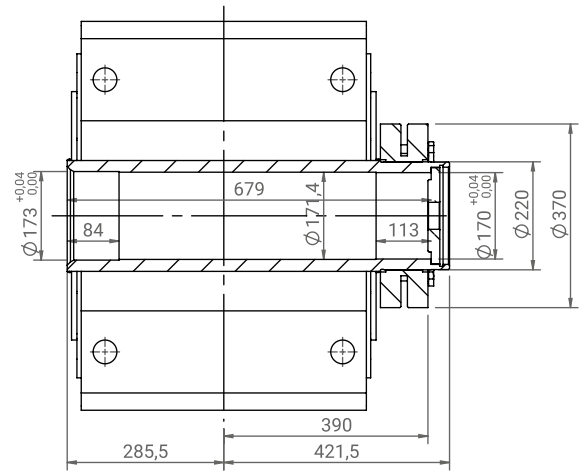
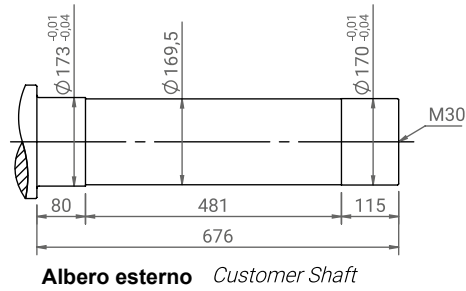
**ZET**  
R e d ü k t ö r

## MKH 3360

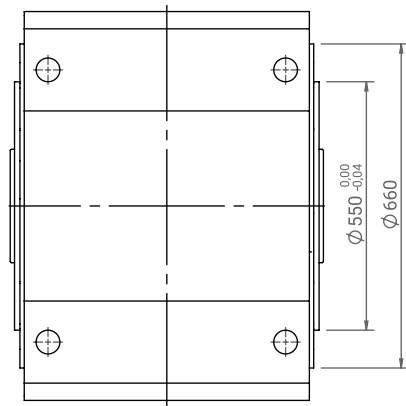
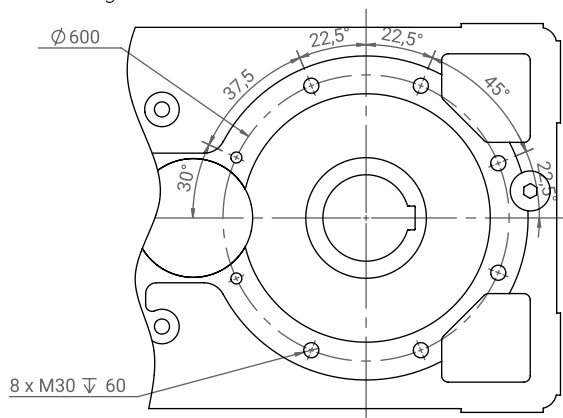
Dimensioni / Dimension Sheets

### Conf. Albero uscita Output Shaft Configurations

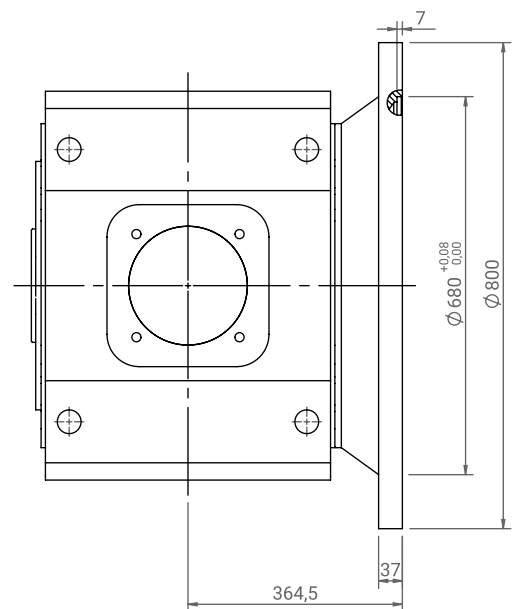
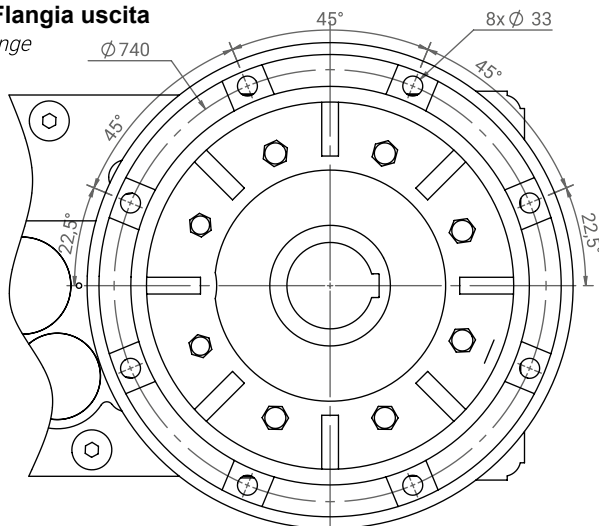
SR / SL



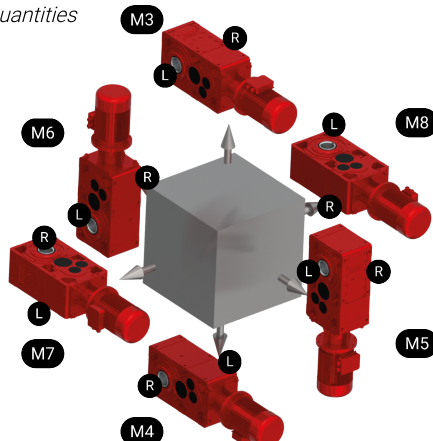
### Dimensioni montaggio laterale Side View Mounting Dimensions



### FR 800 / Flangia uscita Output Flange



### Posizioni montaggio e quantità olio Mounting Positions\* and Oil Quantities



1550 Kg

Peso incluso flangia PAM 315 B5  
WEIGHT INCLUDING 315 B5 MOTOR FLANGE

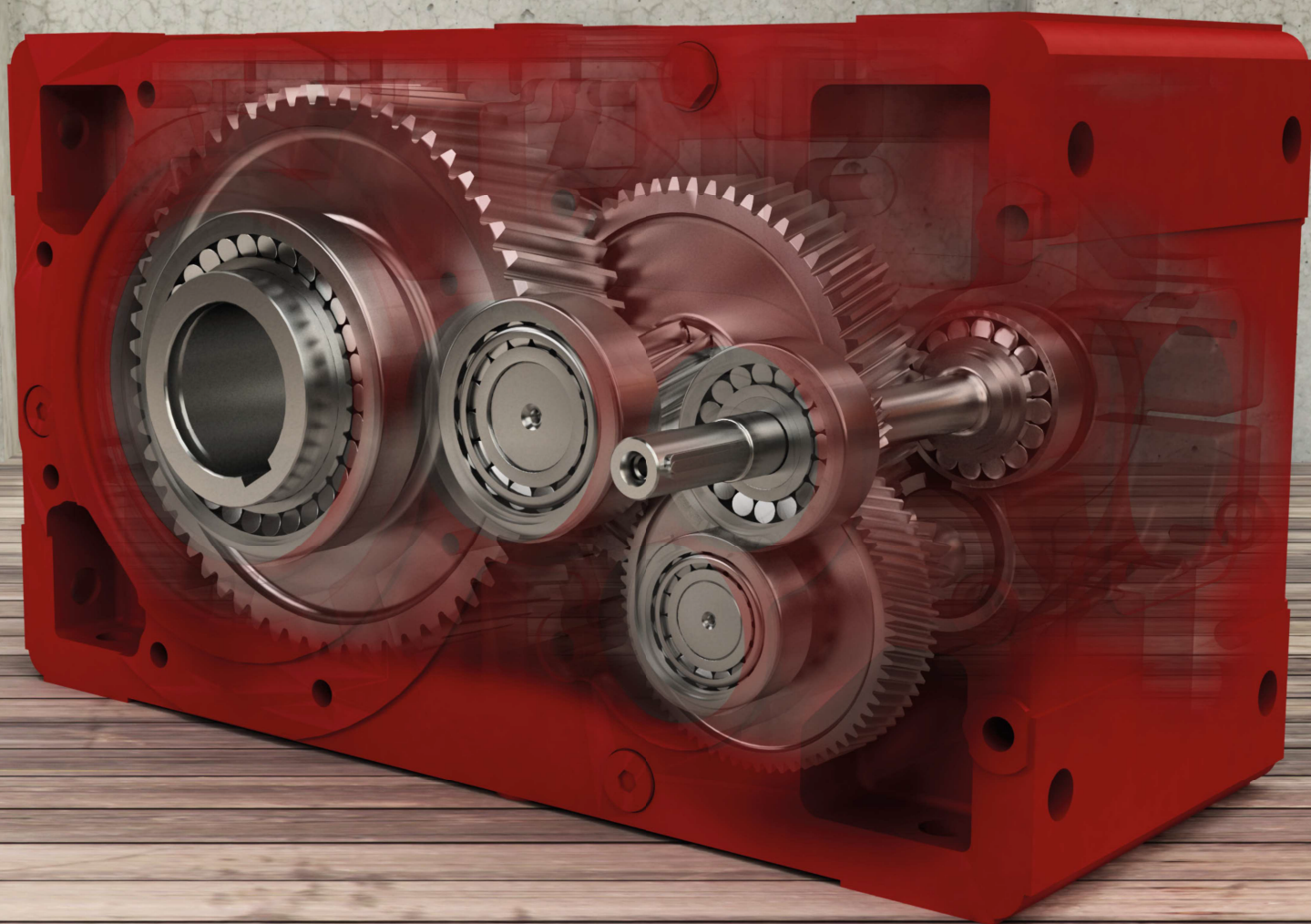
| MKH 3360 Quantità olio |     |     | OIL QUANTITIES (L) |     |     |
|------------------------|-----|-----|--------------------|-----|-----|
| M3                     | M4  | M5  | M6                 | M7  | M8  |
| 112                    | 112 | 169 | 172                | 151 | 165 |

\*Posizione montaggio mostrate con configurazione HS  
\*MOUNTING POSITIONS ARE SHOWN ACCORDING TO A-HS CONFIGURATION



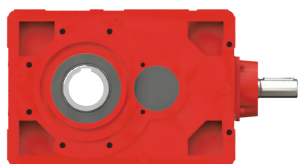


## **Opzioni e accessori** *Options and Accessories*

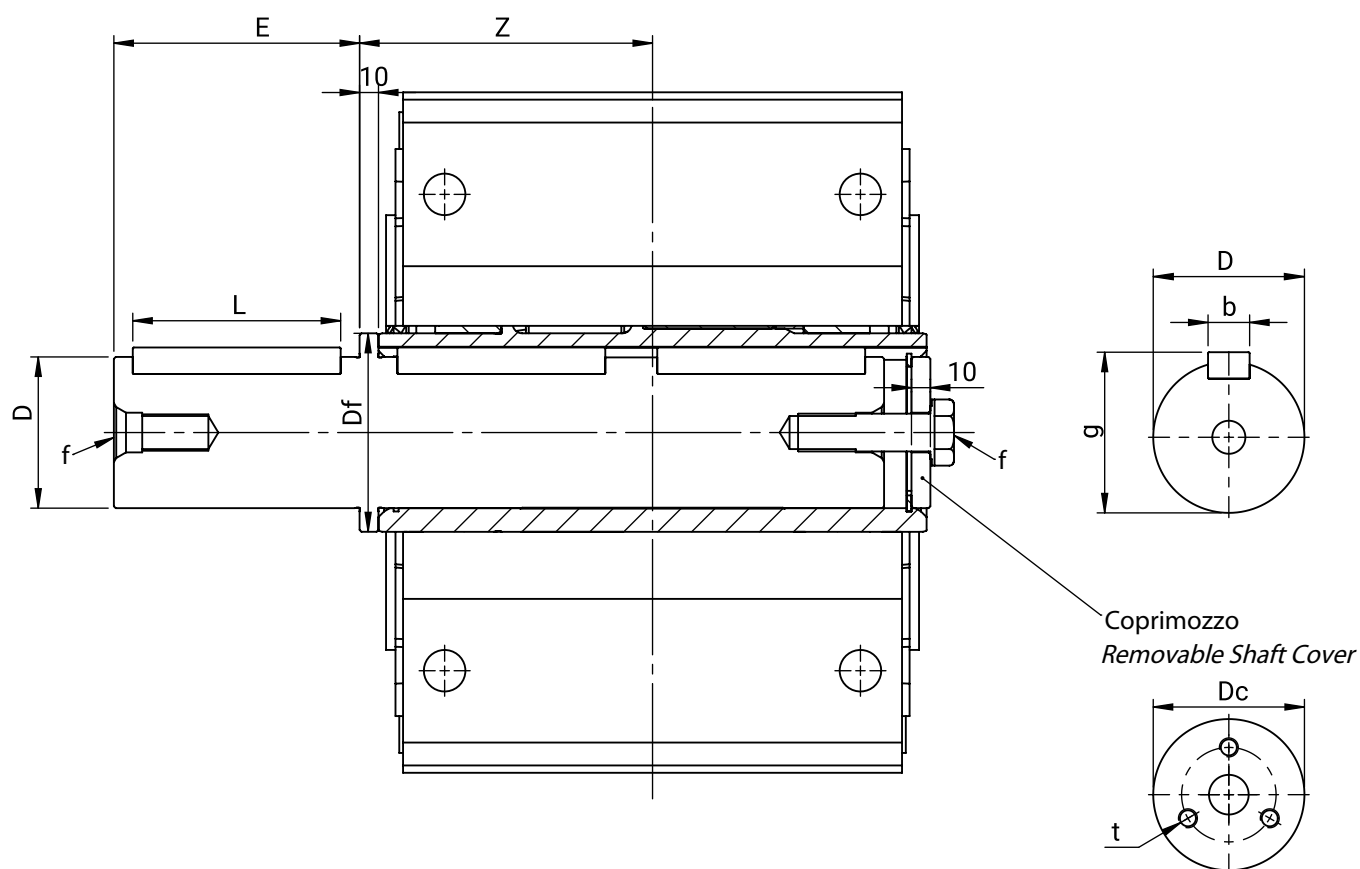


**THE HEART OF QUALITY REDUCTION GEARS:  
THE HIGH-TECHNOLOGY PRODUCTION**



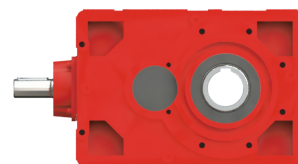


Configurazioni albero lento  
*Removable Output Shaft Configurations*

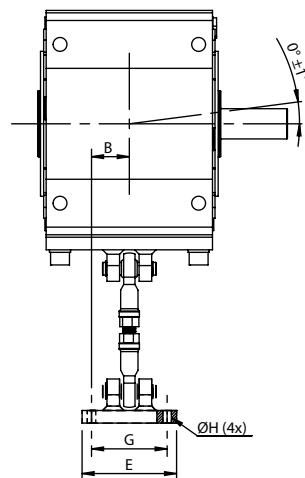
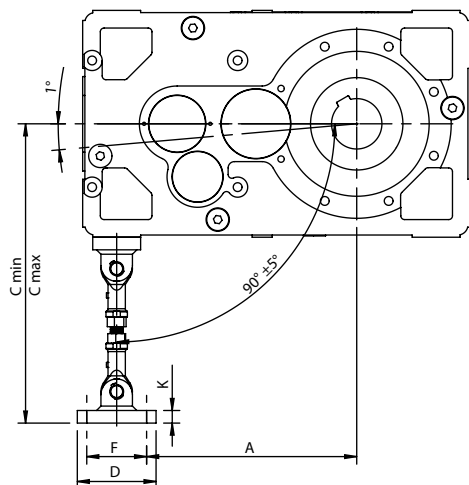


| Grandezza / Size | D<br>[j6] | E   | Z     | L   | b<br>[h9] | g    | f   | Df  | Dc  | t   |
|------------------|-----------|-----|-------|-----|-----------|------|-----|-----|-----|-----|
| 125              | 60        | 105 | 123   | 90  | 18        | 64   | M20 | 80  | 60  | M10 |
| 140              | 70        | 105 | 123,5 | 90  | 20        | 74,5 | M20 | 90  | 70  | M10 |
| 160              | 80        | 130 | 155   | 110 | 22        | 85   | M20 | 105 | 80  | M10 |
| 180              | 90        | 130 | 160   | 110 | 25        | 95   | M24 | 120 | 90  | M12 |
| 200              | 100       | 165 | 180   | 140 | 28        | 106  | M24 | 130 | 100 | M12 |
| 225              | 110       | 165 | 180   | 140 | 28        | 116  | M24 | 150 | 110 | M12 |
| 250              | 125       | 200 | 232   | 180 | 32        | 132  | M24 | 160 | 125 | M12 |
| 280              | 140       | 200 | 242   | 180 | 36        | 148  | M30 | 180 | 140 | M16 |
| 320              | 160       | 240 | 286   | 220 | 40        | 169  | M30 | 200 | 160 | M16 |
| 360              | 180       | 240 | 295,5 | 220 | 45        | 190  | M30 | 220 | 180 | M16 |

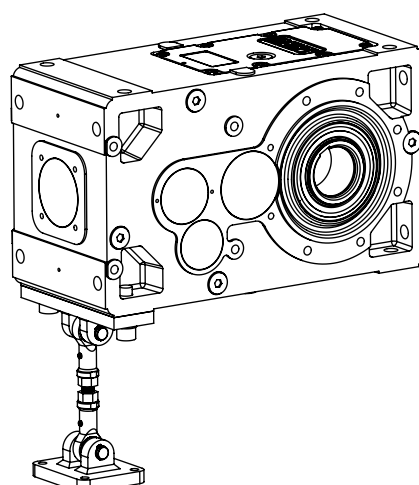
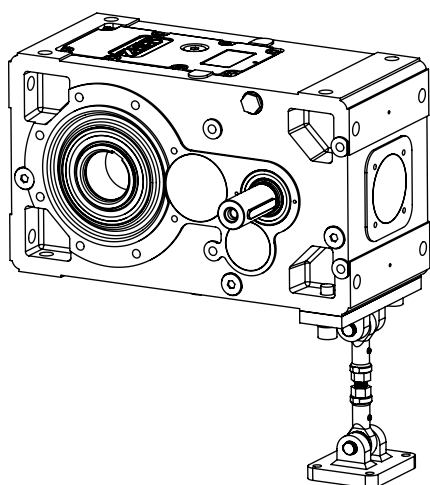
\*Contattare Mech-Web S.R.L. per alberi lenti non standard  
\*Please contact for non-standard removable output shaft diameters.



**Configurazioni braccio di reazione**  
**Torque Arm Configurations**



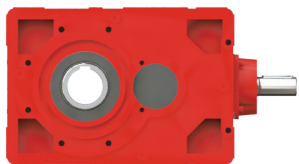
| Grandezza<br>Size | A     | B    | C min | C max | D   | E   | F   | G   | ØH (4x) | K  |
|-------------------|-------|------|-------|-------|-----|-----|-----|-----|---------|----|
| HE 1125           | 195,5 | 47,5 | 410   | 470   | 100 | 125 | 70  | 95  | 13,5    | 15 |
| HE 2125           | 246,5 | 47,5 | 410   | 470   | 100 | 125 | 70  | 95  | 13,5    | 15 |
| HE 1140           | 211,5 | 47,5 | 410   | 470   | 100 | 125 | 70  | 95  | 13,5    | 15 |
| HE 2140           | 285,5 | 47,5 | 410   | 470   | 100 | 125 | 70  | 95  | 13,5    | 15 |
| HE 3140           | 285,5 | 47,5 | 410   | 470   | 100 | 125 | 70  | 95  | 13,5    | 15 |
| HE 1160           | 238,5 | 60   | 475   | 545   | 125 | 150 | 95  | 120 | 13,5    | 20 |
| HE 2160           | 333,5 | 60   | 475   | 545   | 125 | 150 | 95  | 120 | 13,5    | 20 |
| HE 3160           | 333,5 | 60   | 475   | 545   | 125 | 150 | 95  | 120 | 13,5    | 20 |
| HE 1180           | 266,5 | 60   | 475   | 545   | 125 | 150 | 95  | 120 | 13,5    | 20 |
| HE 2180           | 353,5 | 60   | 475   | 545   | 125 | 150 | 95  | 120 | 13,5    | 20 |
| HE 3180           | 353,5 | 60   | 475   | 545   | 125 | 150 | 95  | 120 | 13,5    | 20 |
| HE 1200           | 300   | 72,5 | 580   | 660   | 150 | 175 | 120 | 145 | 17      | 25 |
| HE 2200           | 415   | 72,5 | 580   | 660   | 150 | 175 | 120 | 145 | 17      | 25 |
| HE 3200           | 415   | 72,5 | 580   | 660   | 150 | 175 | 120 | 145 | 17      | 25 |
| HE 1225           | 325   | 72,5 | 580   | 660   | 150 | 175 | 120 | 145 | 17      | 25 |
| HE 2225           | 440   | 72,5 | 580   | 660   | 150 | 175 | 120 | 145 | 17      | 25 |
| HE 3225           | 440   | 72,5 | 580   | 660   | 150 | 175 | 120 | 145 | 17      | 25 |
| HE 1250           | 381,5 | 80   | 700   | 800   | 175 | 200 | 135 | 160 | 22      | 30 |
| HE 2250           | 526,5 | 80   | 700   | 800   | 175 | 200 | 135 | 160 | 22      | 30 |
| HE 3250           | 526,5 | 80   | 700   | 800   | 175 | 200 | 135 | 160 | 22      | 30 |
| HE 1280           | 411,5 | 80   | 700   | 800   | 175 | 200 | 135 | 160 | 22      | 30 |
| HE 2280           | 556,5 | 80   | 700   | 800   | 175 | 200 | 135 | 160 | 22      | 30 |
| HE 3280           | 556,5 | 80   | 700   | 800   | 175 | 200 | 135 | 160 | 22      | 30 |
| HE 1320           | 490,5 | 92,5 | 845   | 955   | 200 | 225 | 160 | 185 | 22      | 30 |
| HE 2320           | 670   | 92,5 | 845   | 955   | 200 | 225 | 160 | 185 | 22      | 30 |
| HE 3320           | 670   | 92,5 | 845   | 955   | 200 | 225 | 160 | 185 | 22      | 30 |
| HE 1360           | 535   | 92,5 | 845   | 955   | 200 | 225 | 160 | 185 | 22      | 30 |
| HE 2360           | 714,5 | 92,5 | 845   | 955   | 200 | 225 | 160 | 185 | 22      | 30 |
| HE 3360           | 714,5 | 92,5 | 845   | 955   | 200 | 225 | 160 | 185 | 22      | 30 |



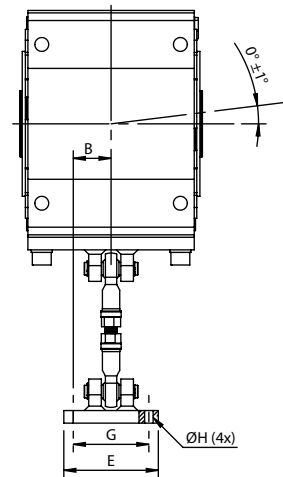
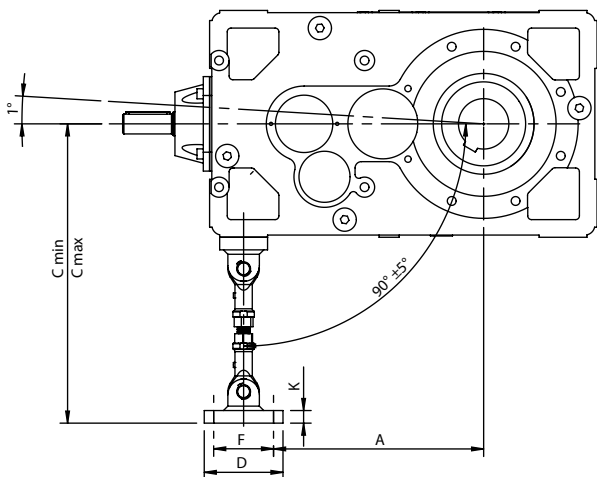
\*Contattare Mech-Web S.R.L. per soluzioni non standard

\*Please contact for non-standard torque arm.

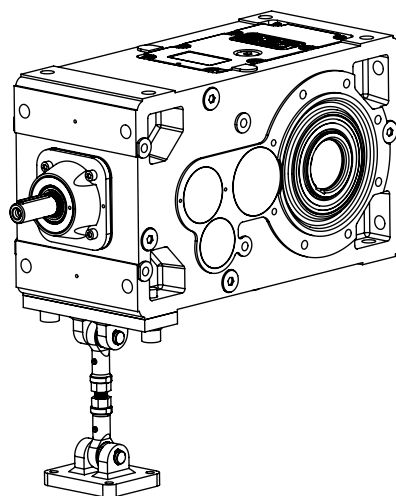
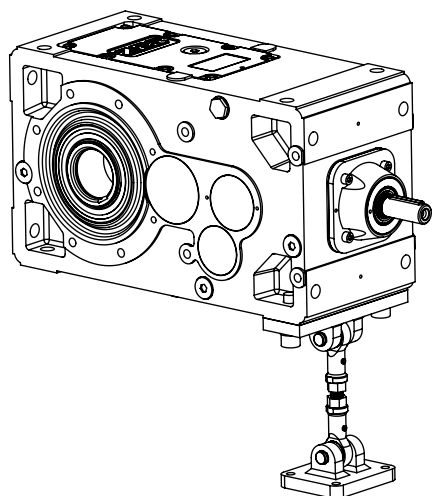




**Configurazioni braccio di reazione**  
*Torque Arm Configurations*

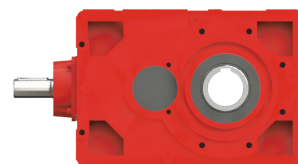


| Grandezza<br>Size | A     | B    | C min | C max | D   | E   | F   | G   | ØH (4x) | K  |
|-------------------|-------|------|-------|-------|-----|-----|-----|-----|---------|----|
| KH 2125           | 195,5 | 47,5 | 410   | 470   | 100 | 125 | 70  | 95  | 13,5    | 15 |
| KH 2140           | 211,5 | 47,5 | 410   | 470   | 100 | 125 | 70  | 95  | 13,5    | 15 |
| KH 3140           | 285,5 | 47,5 | 410   | 470   | 100 | 125 | 70  | 95  | 13,5    | 15 |
| KH 2160           | 238,5 | 60   | 475   | 545   | 125 | 150 | 95  | 120 | 13,5    | 20 |
| KH 3160           | 333,5 | 60   | 475   | 545   | 125 | 150 | 95  | 120 | 13,5    | 20 |
| KH 2180           | 266,5 | 60   | 475   | 545   | 125 | 150 | 95  | 120 | 13,5    | 20 |
| KH 3180           | 353,5 | 60   | 475   | 545   | 125 | 150 | 95  | 120 | 13,5    | 20 |
| KH 2200           | 300   | 72,5 | 580   | 660   | 150 | 175 | 120 | 145 | 17      | 25 |
| KH 3200           | 415   | 72,5 | 580   | 660   | 150 | 175 | 120 | 145 | 17      | 25 |
| KH 2225           | 415   | 72,5 | 580   | 660   | 150 | 175 | 120 | 145 | 17      | 25 |
| KH 3225           | 440   | 72,5 | 580   | 660   | 150 | 175 | 120 | 145 | 17      | 25 |
| KH 2250           | 381,5 | 80   | 700   | 800   | 175 | 200 | 135 | 160 | 22      | 30 |
| KH 3250           | 526,5 | 80   | 700   | 800   | 175 | 200 | 135 | 160 | 22      | 30 |
| KH 2280           | 411,5 | 80   | 700   | 800   | 175 | 200 | 135 | 160 | 22      | 30 |
| KH 3280           | 556,5 | 80   | 700   | 800   | 175 | 200 | 135 | 160 | 22      | 30 |
| KH 2320           | 490,5 | 92,5 | 845   | 955   | 200 | 225 | 160 | 185 | 22      | 30 |
| KH 3320           | 670   | 92,5 | 845   | 955   | 200 | 225 | 160 | 185 | 22      | 30 |
| KH 2360           | 535   | 92,5 | 845   | 955   | 200 | 225 | 160 | 185 | 22      | 30 |
| KH 3360           | 714,5 | 92,5 | 845   | 955   | 200 | 225 | 160 | 185 | 22      | 30 |



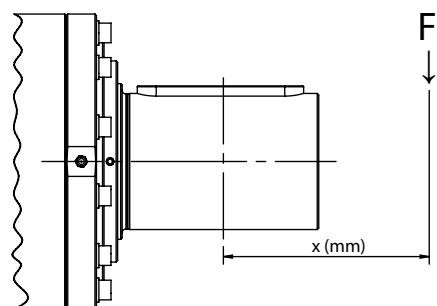
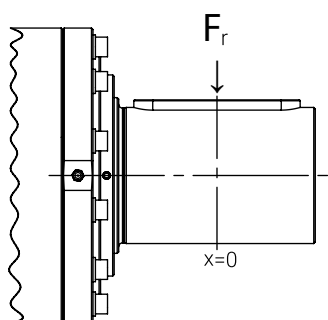
\*Contattare Mech-Web S.R.L. per soluzioni non standard

\*Please contact for non-standard torque arm.

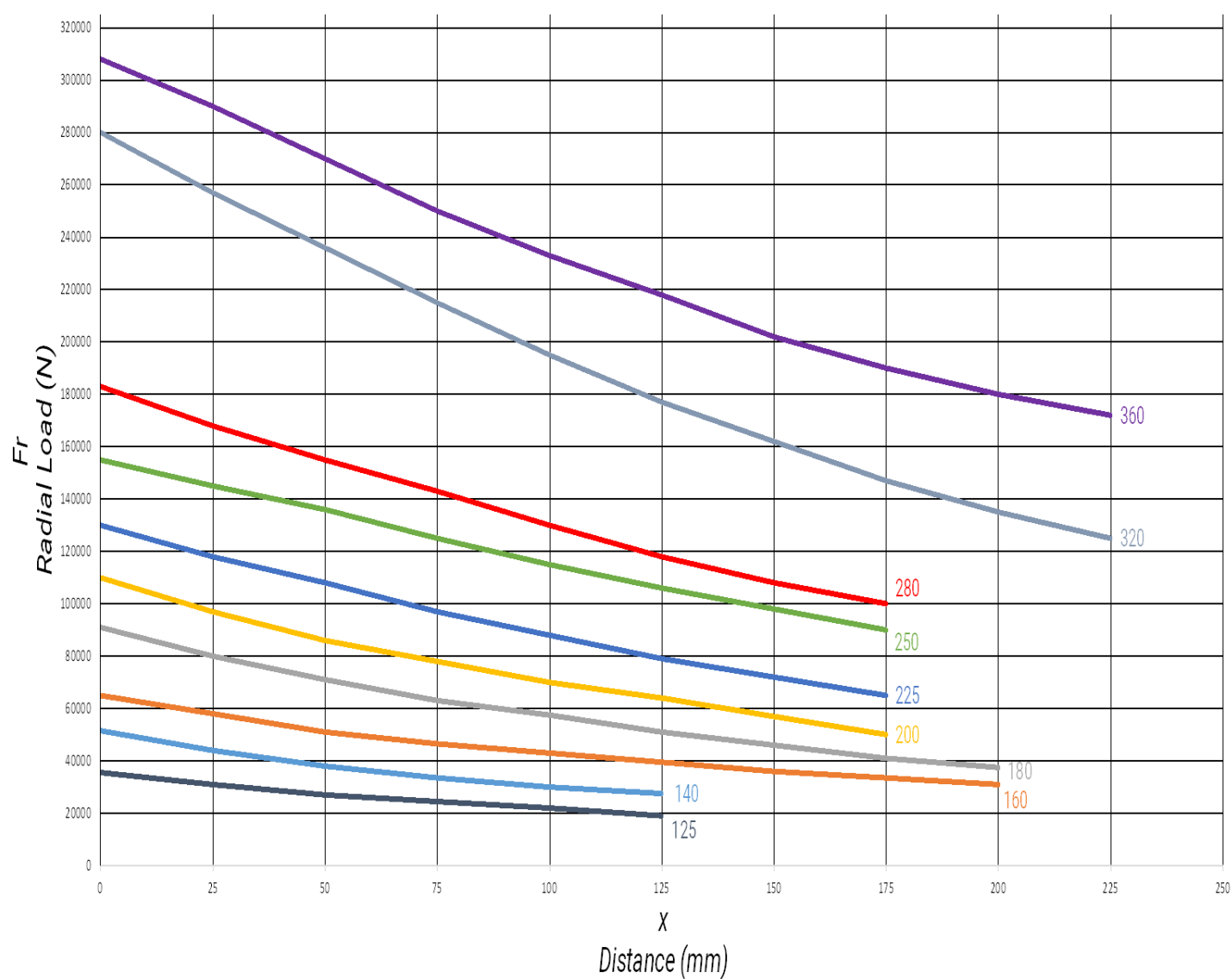


**SERIE HE E KH CON CUSCINETTI RINFORZATI,  
RIDUTTORI SEMI-DRYWELL E ALBERO DI USCITA MAGGIORATO**

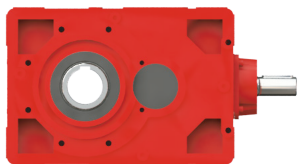
*HE and KH SERIES REINFORCED BEARING WITH SEMI DRYWELL GEARBOXES WITH SOLID OUTPUT SHAFT*  
RADIAL LOAD AND DISTANCE GRAPH



Carico radiale / distanza  
*Radial Load x Distance*



Contattare Mech-Web S.R.L. per riduttori con albero cavo e shrink disc  
PLEASE CONTACT US FOR GEARBOXES WITH HOLLOW OUTPUT SHAFT AND SHRINK DISK.



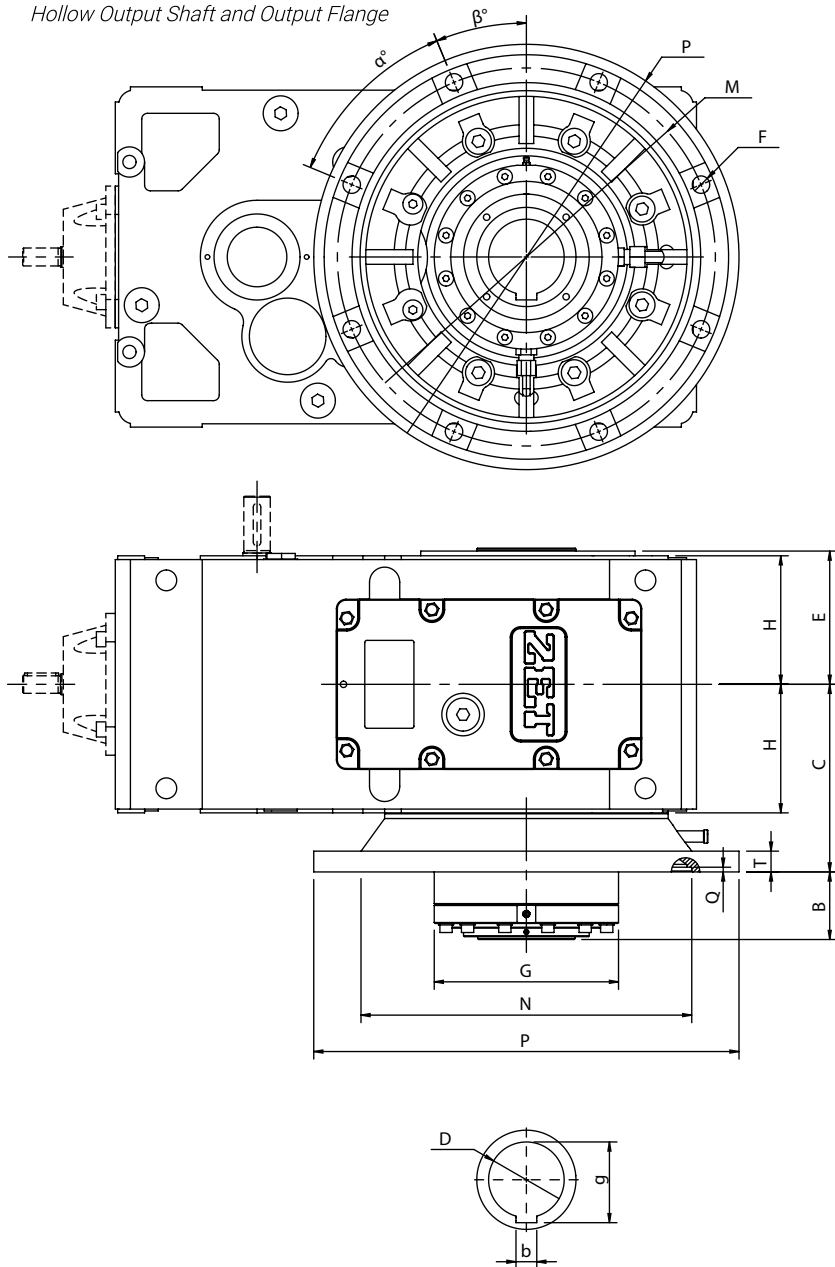
**ZET**  
R e d ü k t ö r

## SERIE HE E KH CON CUSCINETTI RINFORZATI, RIDUTTORI PER AGITATORI CON ALBERO CAVO

HE and KH SERIES REINFORCED BEARING WITH SEMI DRYWELL GEARBOXES WITH HOLLOW OUTPUT SHAFT DIMENSIONS

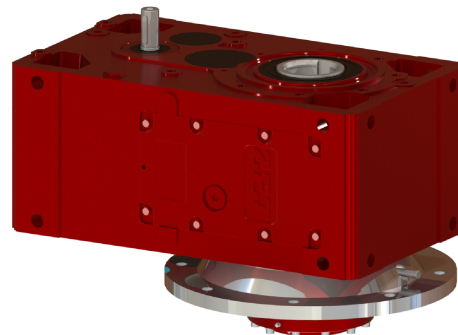
Uscita con albero cavo e flangia

Hollow Output Shaft and Output Flange

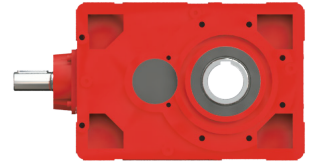


- Opzione con cuscinetti rinforzati per miscelatori, ventilatori, aeratori con alti carichi
- Doppie guarnizioni e lubrificazione cuscinetti con grasso speciale
- Possibilità di montaggio flangia standard di uscita e limitatore di coppia

- Reinforced Bearing Option Gearboxes; It is specially designed for aerators, mixers and fans with high bending moment values.
- Reinforced Bearing series gearboxes; shaft bearings, double oil seals and bearings and bearings lubricated with special grease.
- Reinforced Bearing series gearboxes; can be used with standard output flange and backstop device.



| taglia<br>(Size) | B     | b [H9] | C     | D [H7] | E   | F    | G   | g     | H     | M   | N [H7] | P   | Q | T  | $\alpha^\circ$ | $\beta^\circ$ |
|------------------|-------|--------|-------|--------|-----|------|-----|-------|-------|-----|--------|-----|---|----|----------------|---------------|
| 125              | 63    | 18     | 157   | 60     | 111 | 18,5 | 148 | 64,4  | 106,5 | 300 | 250    | 350 | 5 | 20 | 90             | 45            |
| 140              | 67    | 20     | 168   | 70     | 111 | 18,5 | 174 | 74,9  | 106,5 | 350 | 300    | 400 | 5 | 22 | 90             | 45            |
| 160              | 71,5  | 22     | 198,5 | 80     | 141 | 18,5 | 195 | 85,4  | 136   | 400 | 350    | 450 | 5 | 22 | 45             | 22,5          |
| 180              | 76,5  | 25     | 198,5 | 90     | 146 | 18,5 | 215 | 95,4  | 136   | 400 | 350    | 450 | 6 | 22 | 45             | 22,5          |
| 200              | 94    | 28     | 233   | 100    | 166 | 18,5 | 239 | 106,4 | 160   | 500 | 450    | 550 | 6 | 25 | 45             | 22,5          |
| 225              | 107   | 28     | 233   | 110    | 166 | 18,5 | 268 | 116,4 | 160   | 500 | 450    | 550 | 6 | 25 | 45             | 22,5          |
| 250              | 122   | 32     | 280   | 125    | 218 | 27   | 310 | 132,4 | 195   | 600 | 550    | 660 | 7 | 30 | 45             | 22,5          |
| 280              | 129   | 36     | 290   | 140    | 228 | 27   | 346 | 148,4 | 205   | 600 | 550    | 660 | 7 | 30 | 45             | 22,5          |
| 320              | 150   | 40     | 355   | 160    | 278 | 33   | 394 | 169,4 | 251   | 740 | 680    | 800 | 7 | 37 | 45             | 22,5          |
| 360              | 158,5 | 45     | 364,5 | 180    | 284 | 33   | 415 | 190,4 | 260,5 | 740 | 680    | 800 | 7 | 37 | 45             | 22,5          |

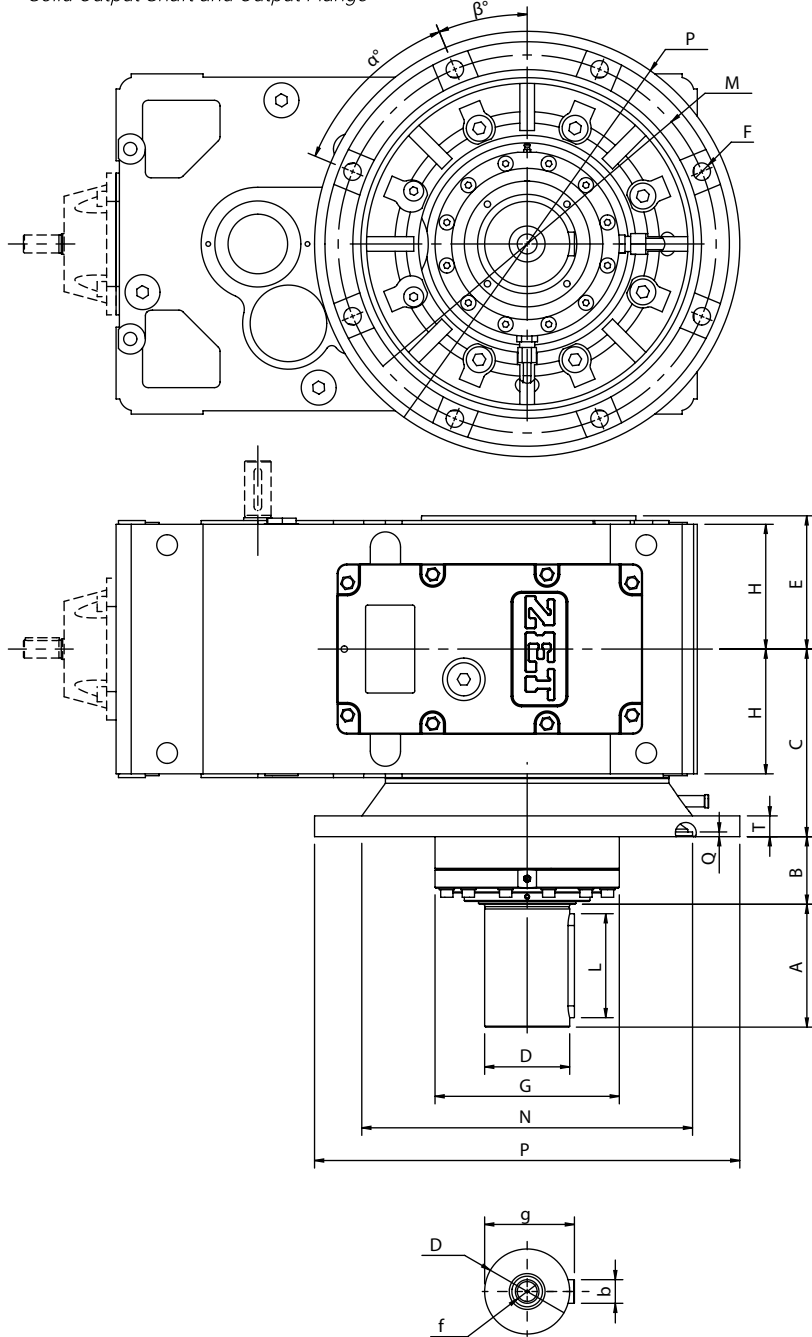


## SERIE HE E KH CON CUSCINETTI RINFORZATI, RIDUTTORI PER AGITATORI CON ALBERO DI USCITA MAGGIORATO

HE and KH SERIES REINFORCED BEARING WITH SEMI DRYWELL GEARBOXES WITH SOLID OUTPUT SHAFT DIMENSIONS

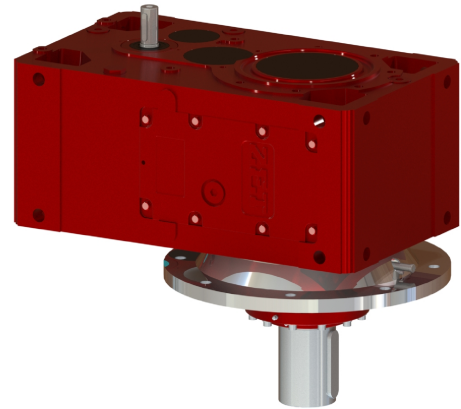
Albero maschio di uscita e flangia

Solid Output Shaft and Output Flange



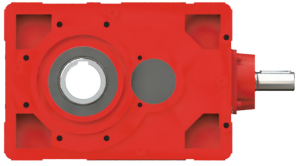
- Opzione con cuscinetti rinforzati per miscelatori, ventilatori, aeratori con alti carichi
- Doppie guarnizioni e lubrificazione cuscinetti con grasso speciale
- Possibilità di montaggio flangia standard di uscita e limitatore di coppia

- Reinforced Bearing Option Gearboxes; It is specially designed for aerators, mixers and fans with high bending moment values.
- Reinforced Bearing series gearboxes; shaft bearings, double oil seals and bearings and bearings lubricated with special grease.
- Reinforced Bearing series gearboxes; can be used with standard output flange and backstop device.



| Gövde<br>Büyüküğü<br>(Size) | A   | B     | b [H9] | C     | D [j6] | E   | F    | f      | G   | g    | H     | L   | M   | N [H7] | P   | Q | T  | $\alpha^\circ$ | $\beta^\circ$ |
|-----------------------------|-----|-------|--------|-------|--------|-----|------|--------|-----|------|-------|-----|-----|--------|-----|---|----|----------------|---------------|
| 125                         | 105 | 63    | 20     | 157   | 70     | 111 | 18,5 | M20x44 | 148 | 74,5 | 106,5 | 90  | 300 | 250    | 350 | 5 | 20 | 90             | 45            |
| 140                         | 130 | 67    | 22     | 168   | 80     | 111 | 18,5 | M20x44 | 174 | 74,5 | 106,5 | 110 | 350 | 300    | 400 | 5 | 22 | 90             | 45            |
| 160                         | 130 | 71,5  | 25     | 198,5 | 90     | 141 | 18,5 | M24x52 | 195 | 95   | 136   | 110 | 400 | 350    | 450 | 5 | 22 | 45             | 22,5          |
| 180                         | 165 | 76,5  | 28     | 198,5 | 100    | 146 | 18,5 | M24x52 | 215 | 95   | 136   | 140 | 400 | 350    | 450 | 6 | 22 | 45             | 22,5          |
| 200                         | 165 | 94    | 28     | 233   | 110    | 166 | 18,5 | M24x52 | 239 | 116  | 160   | 140 | 500 | 450    | 550 | 6 | 25 | 45             | 22,5          |
| 225                         | 165 | 107   | 32     | 233   | 120    | 166 | 18,5 | M24x52 | 268 | 116  | 160   | 140 | 500 | 450    | 550 | 6 | 25 | 45             | 22,5          |
| 250                         | 200 | 122   | 36     | 280   | 140    | 218 | 27   | M30x60 | 310 | 148  | 195   | 180 | 600 | 550    | 660 | 7 | 30 | 45             | 22,5          |
| 280                         | 240 | 129   | 40     | 290   | 160    | 228 | 27   | M30x60 | 346 | 148  | 205   | 220 | 600 | 550    | 660 | 7 | 30 | 45             | 22,5          |
| 320                         | 240 | 150   | 45     | 355   | 180    | 278 | 33   | M30x60 | 394 | 190  | 251   | 220 | 740 | 680    | 800 | 7 | 37 | 45             | 22,5          |
| 360                         | 280 | 158,5 | 45     | 364,5 | 200    | 284 | 33   | M30x60 | 415 | 190  | 260,5 | 250 | 740 | 680    | 800 | 7 | 37 | 45             | 22,5          |

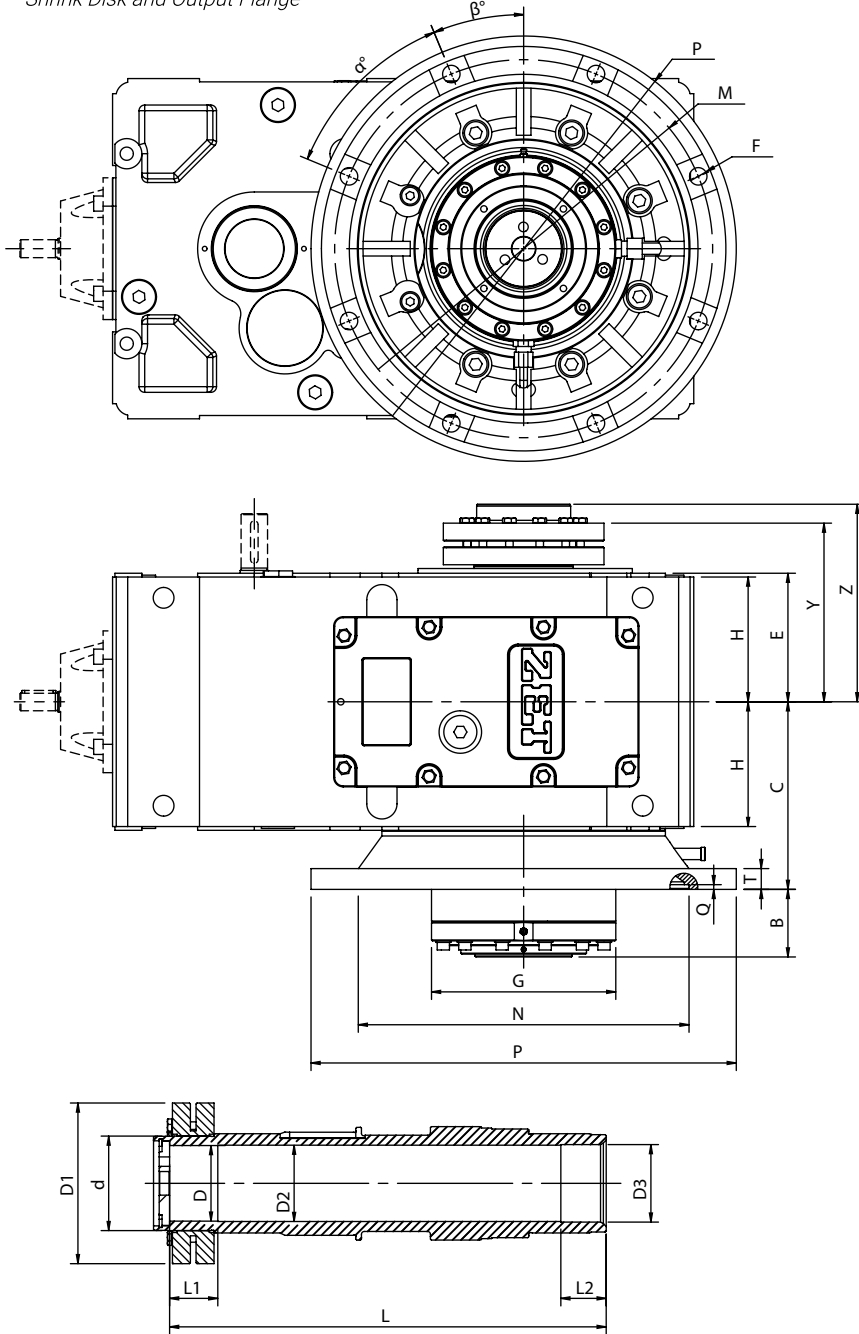




## SERIE HE E KH CON CUSCINETTI RINFORZATI, RIDUTTORI PER AGITATORI CON SHRINK DISC

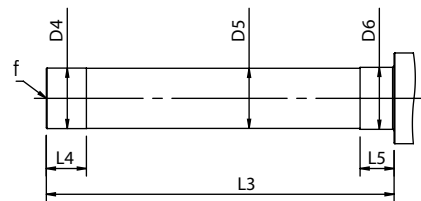
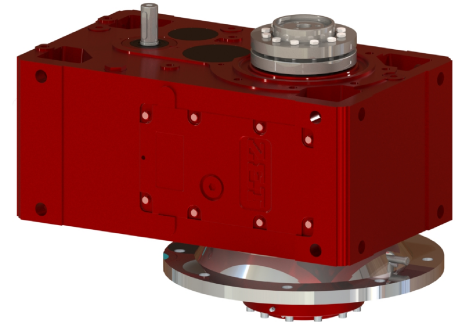
HE and KH SERIES REINFORCED BEARING WITH SEMI DRYWELL GEARBOXES WITH SHRINK DISK DIMENSIONS

Shrink disc e flangia di uscita  
Shrink Disk and Output Flange

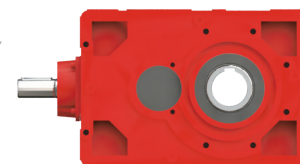


- Opzione con cuscinetti rinforzati per miscelatori, ventilatori, aeratori con alti carichi
- Doppie guarnizioni e lubrificazione cuscinetti con grasso speciale
- Possibilità di montaggio flangia standard di uscita e limitatore di coppia

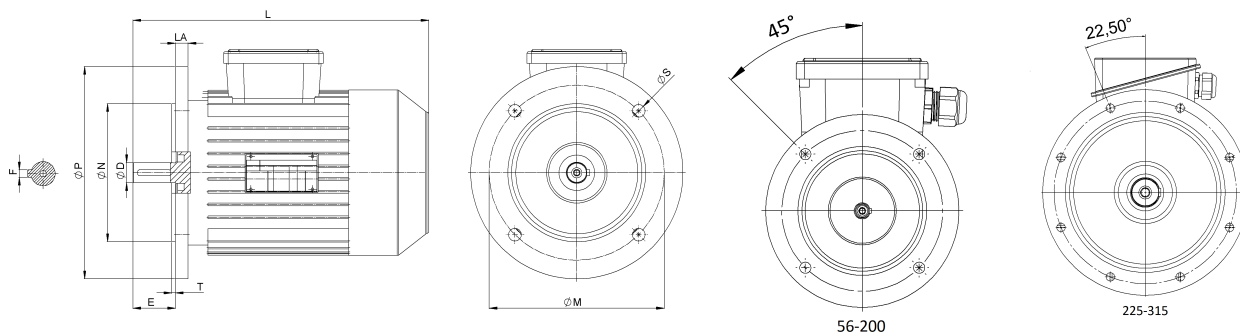
- Reinforced Bearing Option Gearboxes;  
It is specially designed for aerators, mixers and fans with high bending moment values.  
- Reinforced Bearing series gearboxes;  
shaft bearings, double oil seals and bearings and bearings lubricated with special grease.  
- Reinforced Bearing series gearboxes;  
can be used with standard output flange and backstop device.



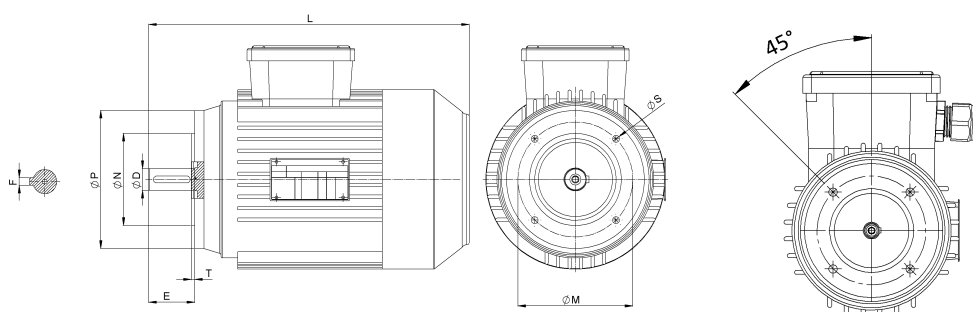
| Gövde<br>Büyüküğü<br>(Size) | B     | C     | E   | F    | f   | G   | H     | M   | N<br>[H7] | P   | Q | T  | Y     | Z     | α° | β°   | d   | D      | D1  | D2<br>[H12] | D3<br>[g6] | D4<br>[g6] | D5    | D6<br>[g6] | L     | L1  | L2 | L3    | L4  | L5 |
|-----------------------------|-------|-------|-----|------|-----|-----|-------|-----|-----------|-----|---|----|-------|-------|----|------|-----|--------|-----|-------------|------------|------------|-------|------------|-------|-----|----|-------|-----|----|
| 125                         | 63    | 157   | 111 | 18,5 | M20 | 148 | 106,5 | 300 | 250       | 350 | 5 | 20 | 146   | 113   | 90 | 45   | 80  | 65 H6  | 145 | 65,5        | 67         | 65         | 64,5  | 67         | 368,5 | 39  | 38 | 366,5 | 41  | 35 |
| 140                         | 67    | 168   | 111 | 18,5 | M20 | 174 | 106,5 | 350 | 300       | 400 | 5 | 22 | 152,5 | 113,5 | 90 | 45   | 90  | 70 H6  | 155 | 70,5        | 72         | 70         | 69,5  | 72         | 390,5 | 46  | 43 | 388,5 | 48  | 35 |
| 160                         | 71,5  | 198,5 | 141 | 18,5 | M24 | 195 | 136   | 400 | 350       | 450 | 5 | 22 | 189   | 145   | 45 | 22,5 | 100 | 80 H6  | 170 | 80,75       | 82         | 80         | 79,5  | 82         | 462   | 51  | 48 | 460   | 53  | 45 |
| 180                         | 76,5  | 198,5 | 146 | 18,5 | M24 | 215 | 136   | 400 | 350       | 450 | 6 | 22 | 199   | 150   | 45 | 22,5 | 120 | 90 H7  | 200 | 90,7        | 92         | 90         | 89,5  | 92         | 478   | 58  | 53 | 476   | 60  | 50 |
| 200                         | 94    | 233   | 166 | 18,5 | M24 | 239 | 160   | 500 | 450       | 550 | 6 | 25 | 227,2 | 170   | 45 | 22,5 | 130 | 100 H7 | 230 | 100,7       | 102        | 100        | 99,5  | 102        | 557   | 65  | 58 | 555   | 67  | 55 |
| 225                         | 107   | 233   | 166 | 18,5 | M24 | 268 | 160   | 500 | 450       | 550 | 6 | 25 | 228,2 | 170   | 45 | 22,5 | 140 | 110 H7 | 230 | 110,7       | 112        | 110        | 109,5 | 112        | 572   | 66  | 63 | 570   | 68  | 60 |
| 250                         | 122   | 280   | 218 | 27   | M24 | 310 | 195   | 600 | 550       | 660 | 7 | 30 | 284,2 | 222   | 45 | 22,5 | 155 | 125 H7 | 263 | 125,7       | 128        | 125        | 124,5 | 128        | 691   | 72  | 69 | 689   | 74  | 65 |
| 280                         | 129   | 290   | 228 | 27   | M30 | 346 | 205   | 600 | 550       | 660 | 7 | 30 | 316   | 232   | 45 | 22,5 | 180 | 140 H7 | 320 | 140,7       | 143        | 140        | 139,5 | 143        | 740   | 95  | 74 | 738   | 97  | 70 |
| 320                         | 150   | 355   | 278 | 33   | M30 | 394 | 251   | 740 | 680       | 800 | 7 | 37 | 363   | 276   | 45 | 22,5 | 200 | 160 H7 | 350 | 161,4       | 163        | 160        | 159,5 | 163        | 873   | 97  | 79 | 871   | 99  | 75 |
| 360                         | 158,5 | 364,5 | 284 | 33   | M30 | 415 | 260,5 | 740 | 680       | 800 | 7 | 37 | 390   | 285,5 | 45 | 22,5 | 220 | 170 H7 | 370 | 171,4       | 173        | 170        | 169,5 | 173        | 916,5 | 113 | 84 | 914,5 | 115 | 80 |



### Motore B5



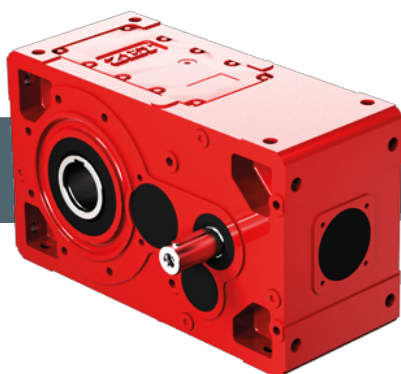
### Motore B14



Dimensioni e peso possono variare a seconda del produttore  
*Outside dimensions and weight may be different according to manufacturers.*

| Grandezza | 2 poli / Poles<br>3000rpm |       | 4 poli / Poles<br>1500rpm |        | 6 poli / Poles<br>1000rpm |        | Numero Poli<br>(Pole<br>Number) | B5-B14 |       |       |       | B5     |        |        |        |        |       | B14    |        |        |        |       |
|-----------|---------------------------|-------|---------------------------|--------|---------------------------|--------|---------------------------------|--------|-------|-------|-------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|-------|
|           | kW                        | Nm    | kW                        | Nm     | kW                        | Nm     |                                 | D(mm)  | F(mm) | E(mm) | L(mm) | ØN(mm) | ØM(mm) | ØP(mm) | LA(mm) | ØS(mm) | T(mm) | ØN(mm) | ØM(mm) | ØP(mm) | ØS(mm) | T(mm) |
| 100 LA    | 3                         | 10,0  | 2,2                       | 14,6   | 1,5                       | 15,2   | 2-4-6                           | 28     | 8     | 60    | 376   | 180    | 215    | 250    | 15     | 14,5   | 4     | 110    | 130    | 160    | M8     | 3,5   |
| 100 LB    | -                         | -     | 3                         | 20     | -                         | -      | 2                               | 28     | 8     | 60    | 406   | 180    | 215    | 250    | 15     | 14,5   | 4     | 110    | 130    | 160    | M8     | 3,5   |
| 112 M     | 4                         | 13,4  | 4                         | 26,3   | 2,2                       | 22,1   | 2-4-6                           | 28     | 8     | 60    | 395   | 180    | 215    | 250    | 15     | 14,5   | 4     | 110    | 130    | 160    | M8     | 3,5   |
| 132 S     | 5,5                       | 18,3  | 5,5                       | 35,9   | 3                         | 29,8   | 2-4-6                           | 38     | 10    | 80    | 460   | 230    | 265    | 300    | 20     | 14,5   | 4     | 130    | 165    | 200    | M10    | 3,5   |
|           | 7,5                       | 24,9  |                           |        |                           |        | 2-4-6                           | 38     | 10    | 80    | 460   | 230    | 265    | 300    | 20     | 14,5   | 4     | 130    | 165    | 200    | M10    | 3,5   |
| 132 M     | -                         | -     | 7,5                       | 48,9   | -                         | -      | 2-4-6                           | 38     | 10    | 80    | 498   | 230    | 265    | 300    | 20     | 14,5   | 4     | 130    | 165    | 200    | M10    | 3,5   |
|           | -                         | -     | -                         | -      | 4                         | 39,8   | 2-4-6                           | 38     | 10    | 80    | 498   | 230    | 265    | 300    | 20     | 14,5   | 4     | 130    | 165    | 200    | M10    | 3,5   |
| 160 MA    | 11                        | 35,7  | 11                        | 71,7   | 7,5                       | 74,6   | 2-4-6                           | 42     | 12    | 110   | 600   | 250    | 300    | 350    | 20     | 18,5   | 5     | 180    | 215    | 250    | M12    | 4     |
| 160 MB    | 15                        | 48,6  | -                         | -      | -                         | -      | 2-4-6                           | 42     | 12    | 110   | 600   | 250    | 300    | 350    | 20     | 18,5   | 5     | 180    | 215    | 250    | M12    | 4     |
| 160 L     | 18,5                      | 59,9  | 15                        | 97,8   | 11                        | 108,9  | 2-4-6                           | 42     | 12    | 110   | 600   | 250    | 300    | 350    | 20     | 18,5   | 5     | 180    | 215    | 250    | M12    | 4     |
| 180 M     | 22                        | 71,2  | 18,5                      | 120,2  | -                         | -      | 2-4-6                           | 48     | 14    | 110   | 658   | 250    | 300    | 350    | 20     | 18,5   | 5     | -      | -      | -      | -      | -     |
| 180 L     | -                         | -     | 22                        | 142,9  | 15                        | 148,4  | 2-4-6                           | 48     | 14    | 110   | 658   | 250    | 300    | 350    | 20     | 18,5   | 5     | -      | -      | -      | -      | -     |
| 200 LA    | 30                        | 96,5  | 30                        | 194,9  | 18,5                      | 181,2  | 2-4-6                           | 55     | 16    | 110   | 747   | 300    | 350    | 400    | 20     | 18,5   | 5     | -      | -      | -      | -      | -     |
| 200 LB    | 37                        | 119   | -                         | -      | 22                        | 216,6  | 2-4-6                           | 55     | 16    | 110   | 747   | 300    | 350    | 400    | 20     | 18,5   | 5     | -      | -      | -      | -      | -     |
| 225 S     | -                         | -     | 37                        | 240    | -                         | -      | 4                               | 60     | 18    | 140   | 795   | 350    | 400    | 450    | 20     | 18,5   | 5     | -      | -      | -      | -      | -     |
|           |                           |       |                           |        |                           |        | 2                               | 55     | 16    | 110   | 790   | 350    | 400    | 450    | 20     | 18,5   | 5     | -      | -      | -      | -      | -     |
| 225 M     | 45                        | 144   | 45                        | 292    | 30                        | 292    | 4-6-8                           | 60     | 18    | 140   | 820   | 350    | 400    | 450    | 20     | 18,5   | 5     | -      | -      | -      | -      | -     |
|           |                           |       |                           |        |                           |        | 2                               | 60     | 18    | 140   | 896   | 450    | 500    | 550    | 24     | 18,5   | 5     | -      | -      | -      | -      | -     |
| 250 M     | 55                        | 176,3 | 55                        | 356,1  | 37                        | 358,7  | 4-6                             | 65     | 18    | 140   | 896   | 450    | 500    | 550    | 24     | 18,5   | 5     | -      | -      | -      | -      | -     |
|           |                           |       |                           |        |                           |        | 2                               | 65     | 18    | 140   | 958   | 450    | 500    | 550    | 24     | 18,5   | 5     | -      | -      | -      | -      | -     |
| 280 S     | 75                        | 240,4 | 75                        | 484    | 45                        | 436,3  | 4-6                             | 75     | 20    | 140   | 958   | 450    | 500    | 550    | 24     | 18,5   | 5     | -      | -      | -      | -      | -     |
|           |                           |       |                           |        |                           |        | 2                               | 65     | 18    | 140   | 958   | 450    | 500    | 550    | 24     | 18,5   | 5     | -      | -      | -      | -      | -     |
| 280 M     | 90                        | 288,4 | 90                        | 580,7  | 55                        | 533,2  | 4-6                             | 75     | 20    | 140   | 958   | 450    | 500    | 550    | 24     | 18,5   | 5     | -      | -      | -      | -      | -     |
|           |                           |       |                           |        |                           |        | 2                               | 65     | 18    | 140   | 1120  | 550    | 600    | 660    | 24     | 24     | 6     | -      | -      | -      | -      | -     |
| 315 S     | 110                       | 352,5 | 110                       | 707,4  | 75                        | 723,5  | 4-6                             | 85     | 22    | 170   | 1150  | 550    | 600    | 660    | 24     | 24     | 6     | -      | -      | -      | -      | -     |
|           |                           |       |                           |        |                           |        | 2                               | 65     | 18    | 140   | 1120  | 550    | 600    | 660    | 24     | 24     | 6     | -      | -      | -      | -      | -     |
| 315 MA    | 132                       | 423   | 132                       | 848,9  | 90                        | 868,2  | 4-6                             | 85     | 22    | 170   | 1150  | 550    | 600    | 660    | 24     | 24     | 6     | -      | -      | -      | -      | -     |
|           |                           |       |                           |        |                           |        | 2                               | 65     | 18    | 140   | 1120  | 550    | 600    | 660    | 24     | 24     | 6     | -      | -      | -      | -      | -     |
| 315 MB    | 160                       | 512,8 | 160                       | 1029   | 110                       | 1061,1 | 4-6                             | 85     | 22    | 170   | 1150  | 550    | 600    | 660    | 24     | 24     | 6     | -      | -      | -      | -      | -     |
|           |                           |       |                           |        |                           |        | 2                               | 65     | 18    | 140   | 1120  | 550    | 600    | 660    | 24     | 24     | 6     | -      | -      | -      | -      | -     |
| 315 LA    | 185                       | 592,9 | 185                       | 1189,7 | 132                       | 1273,3 | 4-6                             | 85     | 22    | 170   | 1220  | 550    | 600    | 660    | 24     | 24     | 6     | -      | -      | -      | -      | -     |
|           |                           |       |                           |        |                           |        | 2                               | 65     | 18    | 140   | 1190  | 550    | 600    | 660    | 24     | 24     | 6     | -      | -      | -      | -      | -     |
| 315 LB    | 200                       | 640,9 | 200                       | 1286,2 | 160                       | 1543,4 | 4-6                             | 85     | 22    | 170   | 1220  | 550    | 600    | 660    | 24     | 24     | 6     | -      | -      | -      | -      | -     |
|           |                           |       |                           |        |                           |        | 2                               | 65     | 18    | 140   | 1190  | 550    | 600    | 660    | 24     | 24     | 6     | -      | -      | -      | -      | -     |

## ALTRI NOSTRI PRODOTTI / OUR OTHER PRODUCT



**Riduttori monoblocco ad assi paralleli serie pesante**  
*MonoBlock Parallel Shaft Heavy Duty Gearboxes*

**Rapporti**  
*Ratios* : 2,50-130

**Coppie nominali**  
*Rated Torque* : 2700-80.000 Nm

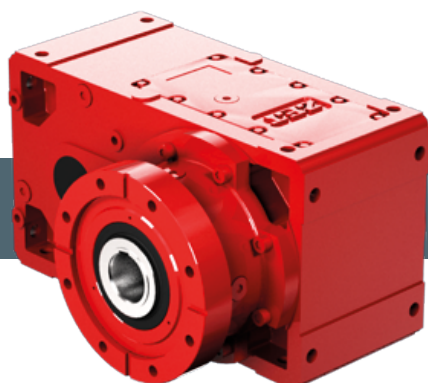
**Diametro albero lento**  
*Output Shaft Diameter* : 60-180 mm

**Riduttori monoblocco ortogonali serie pesante**  
*MonoBlock Heavy Duty Type Bevel Helical Gearboxes*

**Rapporti**  
*Ratios* : 6,00-130

**Coppie nominali**  
*Rated Torque* : 1750-73.000 Nm

**Diametro albero lento**  
*Output Shaft Diameter* : 60-180 mm



**Riduttori monoblocco per estrusori**  
*MonoBlock Single Screw Extruder Gearboxes*

**Rapporti**  
*Ratios* : 6,30-25,0

**Coppie nominali**  
*Rated Torque* : 3.400-70.000 Nm

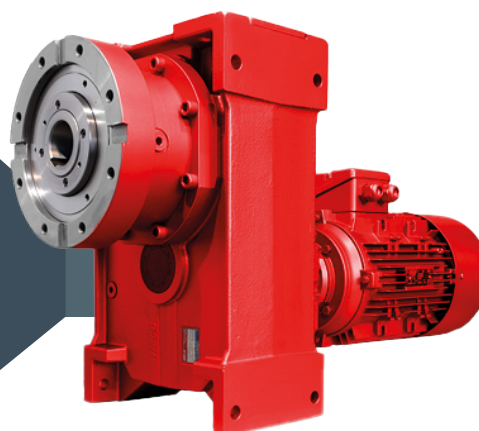
**Diametro albero lento**  
*Output Shaft Diameter* : 55-160 mm

**Riduttori per estrusori serie H**  
*H series Parallel Shaft Gearboxes*

**Rapporti**  
*Ratios* : 2,65-680

**Coppie nominali**  
*Rated Torque* : 380-2100 Nm

**Diametro albero lento**  
*Output Shaft Diameter* : 35-40 mm





**ZET**  
*R e d ü k t ö r*

**MECH**  
**WEB** 

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