# 305L

# $M_2$ = 5000 Nm

| | i | $M_{n2}$ [Nm] | | | | | | $P_1$ | Pt | $n_1$ | $n_{1max}$ | $M_b$ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | $n_2 \cdot h$ | $n_2 \cdot h$ | $n_2 \cdot h$ | $n_2 \cdot h$ | $n_2 \cdot h$ | $n_2 \cdot h$ | | | | | | |
| | 1: | 10 000 | 25 000 | 50 000 | 100 000 | 500 000 | 1 000 000 | [kW] | [kW] | [min$^{-1}$] | [min$^{-1}$] | [Nm] | |
| **L1** | 3.60 | 4 700 | 4 450 | 4 300 | 4 200 | 3 750 | 3 050 | 60 | 13 | 1 800 | 3 800 | 1 000 | 5K |
| | 4.25 | 5 800 | 5 500 | 5 300 | 5 200 | 3 700 | 3 000 | 60 | 13 | 1 800 | 3 800 | 1 000 | 5K |
| | 5.33 | 5 600 | 4 900 | 4 400 | 4 400 | 3 600 | 2 950 | 60 | 13 | 1 800 | 3 800 | 1 000 | 5K |
| | 6.20 | 4 600 | 3 950 | 3 600 | 3 600 | 3 550 | 2 900 | 60 | 13 | 1 800 | 3 800 | 800 | 5G |
| | 7.50 | 3 800 | 3 300 | 3 100 | 3 100 | 3 000 | 2 400 | 60 | 13 | 1 800 | 3 800 | 630 | 5E |
| **L2** | 12.5 | 4 700 | 4 450 | 4 300 | 4 200 | 3 250 | 2 650 | 30 | 9 | 2 000 | 4 000 | 400 | 4K |
| | 15.3 | 4 700 | 4 450 | 4 300 | 4 200 | 3 250 | 2 650 | 30 | 9 | 2 000 | 4 000 | 330 | 4H |
| | 18.1 | 5 800 | 5 500 | 5 300 | 5 200 | 3 650 | 2 950 | 30 | 9 | 2 000 | 4 000 | 400 | 4K |
| | 20.8 | 4 700 | 4 450 | 4 300 | 4 200 | 3 100 | 2 500 | 30 | 9 | 2 000 | 4 000 | 260 | 4F |
| | 22.7 | 5 600 | 4 900 | 4 400 | 4 400 | 3 600 | 2 950 | 30 | 9 | 2 000 | 4 000 | 330 | 4H |
| | 24.5 | 5 500 | 5 400 | 5 300 | 5 200 | 3 450 | 2 800 | 30 | 9 | 2 000 | 4 000 | 330 | 4H |
| | 26.4 | 4 600 | 3 950 | 3 600 | 3 600 | 3 550 | 2 900 | 23 | 9 | 2 000 | 4 000 | 260 | 4F |
| | 30.8 | 5 600 | 4 900 | 4 400 | 4 400 | 3 600 | 2 950 | 24 | 9 | 2 000 | 4 000 | 260 | 4F |
| | 35.8 | 4 600 | 3 950 | 3 600 | 3 600 | 3 550 | 2 900 | 17.0 | 9 | 2 000 | 4 000 | 160 | 4D |
| | 38.4 | 5 600 | 4 900 | 4 400 | 4 400 | 3 600 | 2 900 | 19.8 | 9 | 2 000 | 4 000 | 160 | 4D |
| | 44.6 | 4 600 | 3 950 | 3 600 | 3 600 | 3 550 | 2 900 | 14.1 | 9 | 2 000 | 4 000 | 160 | 4D |
| | 54.0 | 3 800 | 3 300 | 3 100 | 3 100 | 3 000 | 2 400 | 10.0 | 9 | 2 000 | 4 000 | 100 | 4B |
| **L3** | 43.6 | 4 700 | 4 450 | 4 300 | 4 200 | 3 250 | 2 650 | 17.3 | 7.5 | 2 000 | 4 000 | 160 | 4D |
| | 53.4 | 4 700 | 4 450 | 4 300 | 4 200 | 3 250 | 2 650 | 14.3 | 7.5 | 2 000 | 4 000 | 160 | 4D |
| | 63.1 | 5 800 | 5 350 | 5 300 | 5 200 | 3 650 | 3 000 | 14.6 | 7.5 | 2 000 | 4 000 | 160 | 4D |
| | 72.3 | 4 700 | 4 450 | 4 300 | 4 200 | 3 250 | 2 650 | 10.7 | 7.5 | 2 000 | 4 000 | 100 | 4B |
| | 77.2 | 5 800 | 5 500 | 5 300 | 5 200 | 3 650 | 2 950 | 12.5 | 7.5 | 2 000 | 4 000 | 100 | 4B |
| | 90.2 | 4 700 | 4 450 | 4 300 | 4 200 | 3 250 | 2 650 | 8.7 | 7.5 | 2 000 | 4 000 | 100 | 4B |
| | 105 | 5 800 | 5 500 | 5 300 | 5 200 | 3 650 | 2 950 | 9.4 | 7.5 | 2 000 | 4 000 | 100 | 4B |
| | 113 | 4 600 | 3 950 | 3 600 | 3 600 | 3 550 | 2 900 | 6.7 | 7.5 | 2 000 | 4 000 | 100 | 4B |
| | 124 | 4 600 | 3 950 | 3 600 | 3 600 | 3 550 | 2 900 | 6.2 | 7.5 | 2 000 | 4 000 | 50 | 4A |
| | 141 | 5 500 | 5 350 | 5 300 | 5 200 | 3 450 | 2 800 | 6.6 | 7.5 | 2 000 | 4 000 | 100 | 4B |
| | 152 | 4 600 | 3 950 | 3 600 | 3 600 | 3 550 | 2 900 | 5.2 | 7.5 | 2 000 | 4 000 | 50 | 4A |
| | 164 | 5 600 | 4 900 | 4 400 | 4 400 | 3 600 | 2 950 | 6.0 | 7.5 | 2 000 | 4 000 | 50 | 4A |
| | 178 | 5 600 | 4 900 | 4 400 | 4 400 | 3 600 | 2 950 | 5.6 | 7.5 | 2 000 | 4 000 | 50 | 4A |
| | 190 | 4 600 | 3 950 | 3 600 | 3 600 | 3 550 | 2 900 | 4.3 | 7.5 | 2 000 | 4 000 | 50 | 4A |
| | 220 | 4 750 | 4 750 | 4 750 | 4 750 | 3 050 | 2 500 | 3.7 | 7.5 | 2 000 | 4 000 | 50 | 4A |
| | 258 | 4 600 | 3 950 | 3 600 | 3 600 | 3 550 | 2 900 | 3.4 | 7.5 | 2 000 | 4 000 | 50 | 4A |
| | 276 | 5 600 | 4 900 | 4 400 | 4 400 | 3 600 | 2 900 | 3.7 | 7.5 | 2 000 | 4 000 | 50 | 4A |
| | 312 | 3 800 | 3 300 | 3 100 | 3 100 | 3 000 | 2 400 | 2.4 | 7.5 | 2 000 | 4 000 | 50 | 4A |
| | 389 | 3 800 | 3 300 | 3 100 | 3 100 | 3 000 | 2 400 | 2.0 | 7.5 | 2 000 | 4 000 | 50 | 4A |
| **L4** | 413 | 5 600 | 4 900 | 4 400 | 4 400 | 3 600 | 2 900 | 4.0 | 6 | 2 000 | 4 000 | 50 | 4A |
| | 446 | 5 800 | 5 500 | 5 300 | 5 200 | 3 650 | 2 950 | 4.0 | 6 | 2 000 | 4 000 | 50 | 4A |
| | 492 | 5 500 | 5 350 | 5 300 | 5 200 | 3 450 | 2 800 | 3.2 | 6 | 2 000 | 4 000 | 50 | 4A |
| | 556 | 5 800 | 5 500 | 5 300 | 5 200 | 3 650 | 2 950 | 3.2 | 6 | 2 000 | 4 000 | 50 | 4A |
| | 649 | 4 700 | 4 450 | 4 300 | 4 200 | 3 250 | 2 650 | 2.2 | 6 | 2 000 | 4 000 | 50 | 4A |
| | 718 | 4 600 | 3 950 | 3 600 | 3 600 | 3 550 | 2 900 | 2.2 | 6 | 2 000 | 4 000 | 50 | 4A |
| | 816 | 5 500 | 5 350 | 5 300 | 5 200 | 3 450 | 2 800 | 2.2 | 6 | 2 000 | 4 000 | 50 | 4A |
| | 896 | 4 600 | 3 950 | 3 600 | 3 600 | 3 550 | 2 900 | 1.9 | 6 | 2 000 | 4 000 | 50 | 4A |
| | 1 018 | 5 500 | 5 350 | 5 300 | 5 200 | 3 450 | 2 800 | 1.7 | 6 | 2 000 | 4 000 | 50 | 4A |
| | 1 098 | 4 600 | 3 950 | 3 600 | 3 600 | 3 550 | 2 900 | 1.6 | 6 | 2 000 | 4 000 | 50 | 4A |
| | 1 278 | 5 600 | 4 900 | 4 400 | 4 400 | 3 600 | 2 950 | 1.4 | 6 | 2 000 | 4 000 | 50 | 4A |
| | 1 370 | 4 600 | 3 950 | 3 600 | 3 600 | 3 550 | 2 900 | 1.3 | 6 | 2 000 | 4 000 | 50 | 4A |
| | 1 586 | 4 750 | 4 750 | 4 750 | 4 750 | 3 050 | 2 500 | 0.88 | 6 | 2 000 | 4 000 | 50 | 4A |
| | 1 854 | 4 600 | 3 950 | 3 600 | 3 600 | 3 550 | 2 900 | 0.96 | 6 | 2 000 | 4 000 | 50 | 4A |
| | 1 991 | 5 600 | 4 900 | 4 400 | 4 400 | 3 600 | 2 900 | 0.88 | 6 | 2 000 | 4 000 | 50 | 4A |
| | 2 243 | 3 800 | 3 300 | 3 100 | 3 100 | 3 000 | 2 400 | 0.71 | 6 | 2 000 | 4 000 | 50 | 4A |
| | 2 799 | 3 800 | 3 300 | 3 100 | 3 100 | 3 000 | 2 400 | 0.59 | 6 | 2 000 | 4 000 | 50 | 4A |

$M_{2max} = 1.2 \cdot M_{n2}$ ($n_2 \cdot h = 10\,000$)

# $M_2$ = 5000 Nm

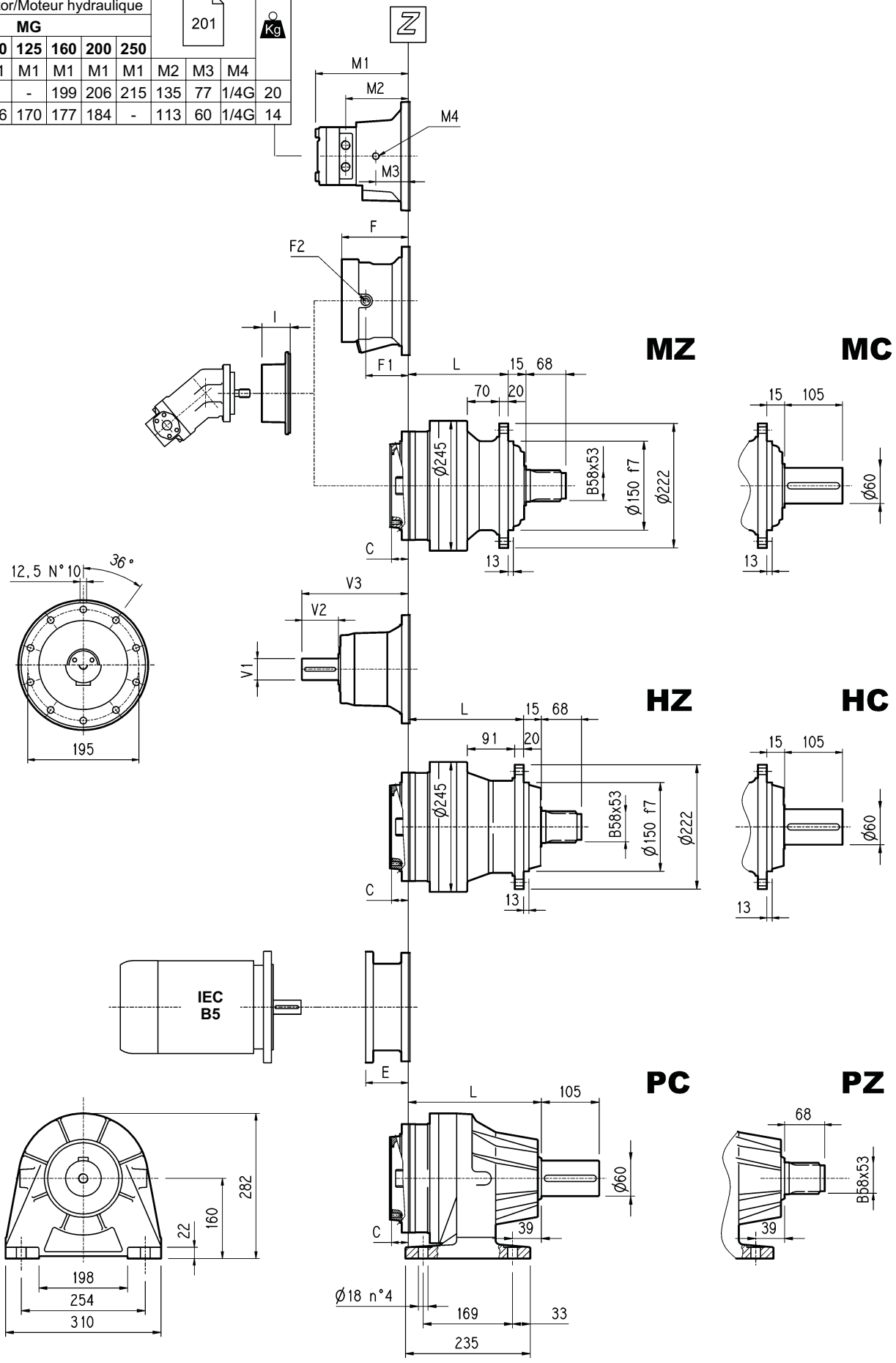
# 305R

| | i | $M_{n2}$ [Nm] | | | | | | $P_1$ | Pt | $n_1$ | $n_{1max}$ | $M_b$ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | $n_2 \cdot h$ | $n_2 \cdot h$ | $n_2 \cdot h$ | $n_2 \cdot h$ | $n_2 \cdot h$ | $n_2 \cdot h$ | | | | | | |
| | 1: | 10 000 | 25 000 | 50 000 | 100 000 | 500 000 | 1 000 000 | [kW] | [kW] | [$min^{-1}$] | [$min^{-1}$] | [Nm] | |
| **R2** | 9.23 | 4 650 | 4 050 | 3 600 | 3 200 | 2 000 | 1 600 | 35 | 18 | 1 800 | 3 800 | 440 | 4L |
| | 10.9 | 5 300 | 4 650 | 4 150 | 3 600 | 2 200 | 1 800 | 35 | 18 | 1 800 | 3 800 | 440 | 4L |
| | 13.7 | 5 600 | 4 900 | 4 400 | 4 200 | 2 600 | 2 100 | 35 | 18 | 1 800 | 3 800 | 440 | 4L |
| | 15.9 | 4 600 | 3 950 | 3 600 | 3 600 | 2 900 | 2 350 | 35 | 18 | 1 800 | 3 800 | 330 | 4H |
| | 19.2 | 3 800 | 3 300 | 3 100 | 3 100 | 3 000 | 2 400 | 27 | 18 | 1 800 | 3 800 | 260 | 4F |
| **R3** | 25.7 | 4 150 | 4 150 | 4 150 | 4 150 | 2 600 | 2 100 | 15.0 | 14 | 2 000 | 4 000 | 260 | 4F |
| | 31.5 | 4 700 | 4 450 | 4 300 | 4 200 | 3 000 | 2 450 | 15.0 | 14 | 2 000 | 4 000 | 260 | 4F |
| | 37.1 | 5 800 | 5 500 | 5 300 | 5 200 | 3 400 | 2 750 | 15.0 | 14 | 2 000 | 4 000 | 260 | 4F |
| | 42.6 | 4 700 | 4 450 | 4 300 | 4 200 | 3 100 | 2 500 | 15.0 | 14 | 2 000 | 4 000 | 160 | 4D |
| | 46.6 | 5 600 | 4 900 | 4 400 | 4 400 | 3 600 | 2 950 | 15.0 | 14 | 2 000 | 4 000 | 160 | 4D |
| | 50.3 | 5 500 | 5 350 | 5 300 | 5 200 | 3 450 | 2 800 | 15.0 | 14 | 2 000 | 4 000 | 160 | 4D |
| | 54.2 | 4 600 | 3 950 | 3 600 | 3 600 | 3 550 | 2 900 | 12.4 | 14 | 2 000 | 4 000 | 100 | 4B |
| | 63.1 | 5 600 | 4 900 | 4 400 | 4 400 | 3 600 | 2 950 | 13.4 | 14 | 2 000 | 4 000 | 100 | 4B |
| | 73.3 | 4 600 | 3 950 | 3 600 | 3 600 | 3 550 | 2 900 | 9.6 | 14 | 2 000 | 4 000 | 100 | 4B |
| | 78.7 | 5 600 | 4 900 | 4 400 | 4 400 | 3 600 | 2 900 | 11.1 | 14 | 2 000 | 4 000 | 100 | 4B |
| | 91.5 | 4 600 | 3 950 | 3 600 | 3 600 | 3 550 | 2 900 | 8.0 | 14 | 2 000 | 4 000 | 100 | 4B |
| | 111 | 3 800 | 3 300 | 3 100 | 3 100 | 3 000 | 2 400 | 5.6 | 14 | 2 000 | 4 000 | 50 | 4A |
| **R4** | 129 | 5 800 | 5 400 | 5 300 | 5 200 | 3 650 | 3 000 | 12.3 | 12 | 2 000 | 4 000 | 50 | 4A |
| | 148 | 4 700 | 4 450 | 4 300 | 4 200 | 3 250 | 2 650 | 9.1 | 12 | 2 000 | 4 000 | 50 | 4A |
| | 158 | 5 800 | 5 500 | 5 300 | 5 200 | 3 650 | 2 950 | 10.6 | 12 | 2 000 | 4 000 | 50 | 4A |
| | 185 | 4 700 | 4 450 | 4 300 | 4 200 | 3 250 | 2 650 | 7.4 | 12 | 2 000 | 4 000 | 50 | 4A |
| | 214 | 5 800 | 5 500 | 5 300 | 5 200 | 3 650 | 2 950 | 7.9 | 12 | 2 000 | 4 000 | 50 | 4A |
| | 231 | 4 600 | 3 950 | 3 600 | 3 600 | 3 550 | 2 900 | 5.8 | 12 | 2 000 | 4 000 | 50 | 4A |
| | 255 | 4 600 | 3 950 | 3 600 | 3 600 | 3 550 | 2 900 | 5.3 | 12 | 2 000 | 4 000 | 50 | 4A |
| | 290 | 5 500 | 5 400 | 5 300 | 5 200 | 3 450 | 2 800 | 5.7 | 12 | 2 000 | 4 000 | 50 | 4A |
| | 313 | 4 600 | 3 950 | 3 600 | 3 600 | 3 550 | 2 900 | 4.5 | 12 | 2 000 | 4 000 | 50 | 4A |
| | 336 | 5 600 | 4 900 | 4 400 | 4 400 | 3 600 | 2 900 | 4.9 | 12 | 2 000 | 4 000 | 50 | 4A |
| | 364 | 5 600 | 4 900 | 4 400 | 4 400 | 3 600 | 2 950 | 4.8 | 12 | 2 000 | 4 000 | 50 | 4A |
| | 390 | 4 600 | 3 950 | 3 600 | 3 600 | 3 550 | 2 900 | 3.7 | 12 | 2 000 | 4 000 | 50 | 4A |
| | 452 | 4 750 | 4 750 | 4 750 | 4 750 | 3 050 | 2 500 | 3.1 | 12 | 2 000 | 4 000 | 50 | 4A |
| | 528 | 4 600 | 3 950 | 3 600 | 3 600 | 3 550 | 2 900 | 2.5 | 12 | 2 000 | 4 000 | 50 | 4A |
| | 567 | 5 600 | 4 900 | 4 400 | 4 400 | 3 600 | 2 900 | 3.1 | 12 | 2 000 | 4 000 | 50 | 4A |
| | 639 | 3 800 | 3 300 | 3 100 | 3 100 | 3 000 | 2 400 | 2.0 | 12 | 2 000 | 4 000 | 50 | 4A |
| | 797 | 3 800 | 3 300 | 3 100 | 3 100 | 3 000 | 2 400 | 1.7 | 12 | 2 000 | 4 000 | 50 | 4A |

$M_{2max} = 1.2 \cdot M_{n2}$ ($n_2 \cdot h = 10\,000$)

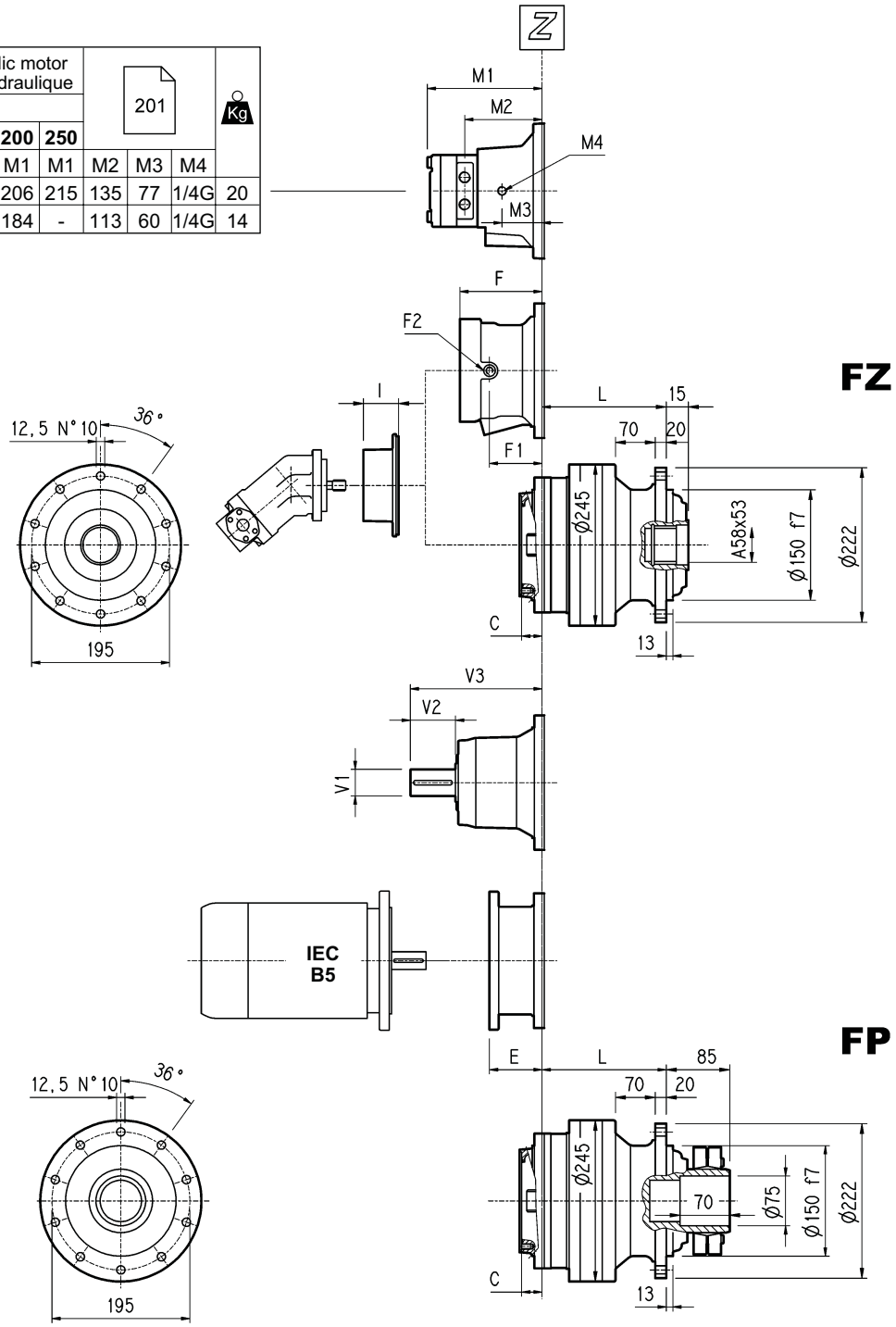
# 305L

| | Motore idraulico / Hydraulic motor Hydraulikmotor/Moteur hydraulique MG | | | | | | | 201 | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|
| cm³ | 50 | 80 | 100 | 125 | 160 | 200 | 250 | | | | |
| | M1 | M1 | M1 | M1 | M1 | M1 | M1 | M2 | M3 | M4 | |
| 305L1 | - | - | - | - | 199 | 206 | 215 | 135 | 77 | 1/4G | 20 |
| 305L2 | 156 | 162 | 166 | 170 | 177 | 184 | - | 113 | 60 | 1/4G | 14 |



# 305L

| | Motore idraulico / Hydraulic motor Hydraulikmotor/Moteur hydraulique | | | | | | | 201 | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MG | | | | | | | | | | |
| cm³ | 50 | 80 | 100 | 125 | 160 | 200 | 250 | | | | |
| | M1 | M1 | M1 | M1 | M1 | M1 | M1 | M2 | M3 | M4 | |
| 305L1 | - | - | - | - | 199 | 206 | 215 | 135 | 77 | 1/4G | 20 |
| 305L2 | 156 | 162 | 166 | 170 | 177 | 184 | - | 113 | 60 | 1/4G | 14 |



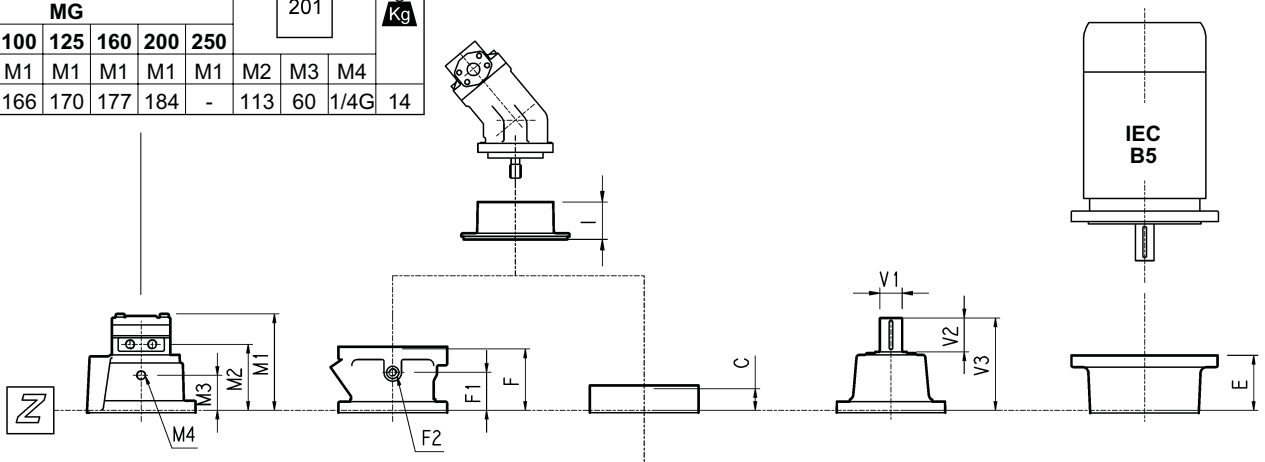

| | |
|---|---|
| VERSIONE FP<br>FP VERSION<br>VERSION FP<br>VERSION FP | COPPIA MAX. TRASMISSIBILE<br>MAX. TRANSMISSIBLE TORQUE<br>MAX. ÜBERTR. MOMENT<br>COUPLE MAX. TRANSMISSIBLE |
| **7 000 Nm** | |

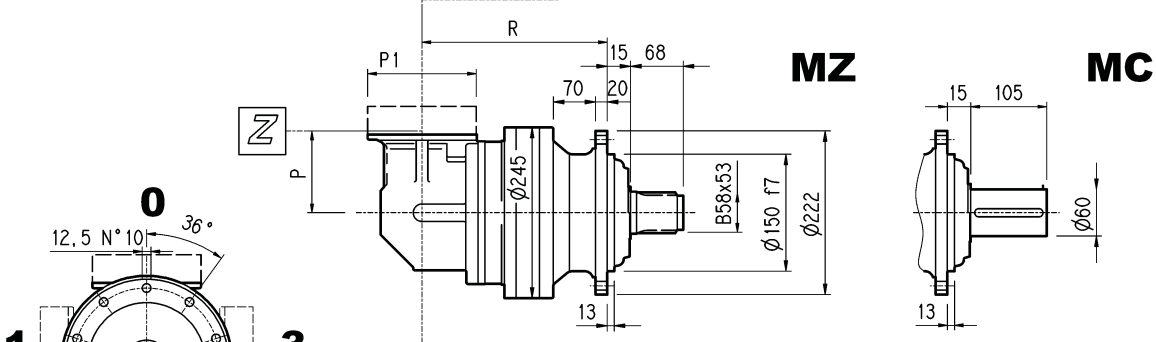
| | L | | | | Kg | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MZ MC | FZ FP | HZ HC | PC PZ | MZ MC | FZ FP | HZ HC | PC PZ | C | Entrata Input Antrieb Entrée | I | F | F1 | F2 | Tipo Type Typ Type | Entrata Input Antrieb Entrée | Kg |
| 305 L1 | 143 | 143 | 168 | 183 | 36 | 36 | 40 | 45 | 37 | A | | 145 | 95 | 1/4 G | 5 | A | 16 |
| 305 L2 | 208 | 208 | 233 | 248 | 43 | 43 | 47 | 52 | 37 | A | | 105 | 65 | 1/4 G | 4 | A | 10 |
| 305 L3 | 261 | 261 | 286 | 301 | 47 | 47 | 51 | 56 | 37 | A | | 105 | 65 | 1/4 G | 4 | A | 10 |
| 305 L4 | 314 | 314 | 339 | 354 | 51 | 51 | 55 | 60 | 37 | A | 191 | 105 | 65 | 1/4 G | 4 | A | 10 |

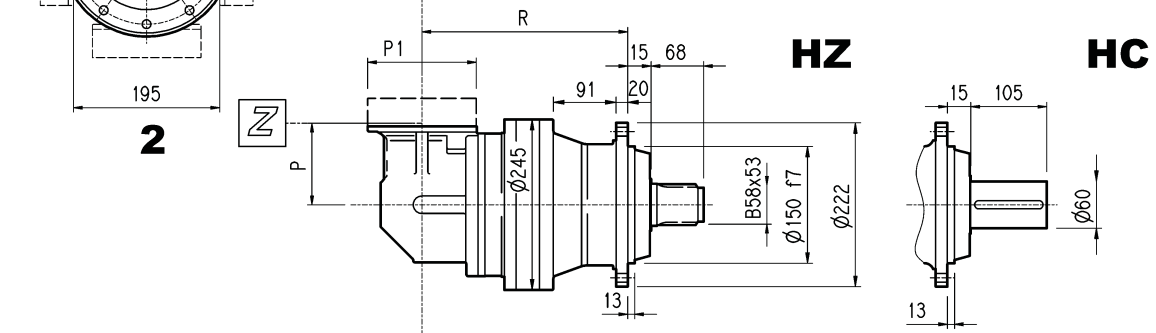
| | V1 | V2 | V3 | Kg | V1 | V2 | V3 | Kg | E | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 | IEC 200 | |
| 305 L1 | 48 | 82 | 239 | 15 | | | | | | | | | | 114 | 144 | 144 | 174 | |
| 305 L2 | 24 | 36 | 137.5 | 6 | 38 | 58 | 158 | 7 | 65 | 84 | 84 | 94 | 94 | 114 | 144 | | | |
| 305 L3 | 24 | 36 | 137.5 | 6 | 38 | 58 | 158 | 7 | 65 | 84 | 84 | 94 | 94 | 114 | 144 | | | |
| 305 L4 | 24 | 36 | 137.5 | 6 | 38 | 58 | 158 | 7 | 65 | 84 | 84 | 94 | 94 | 114 | 144 | | | |

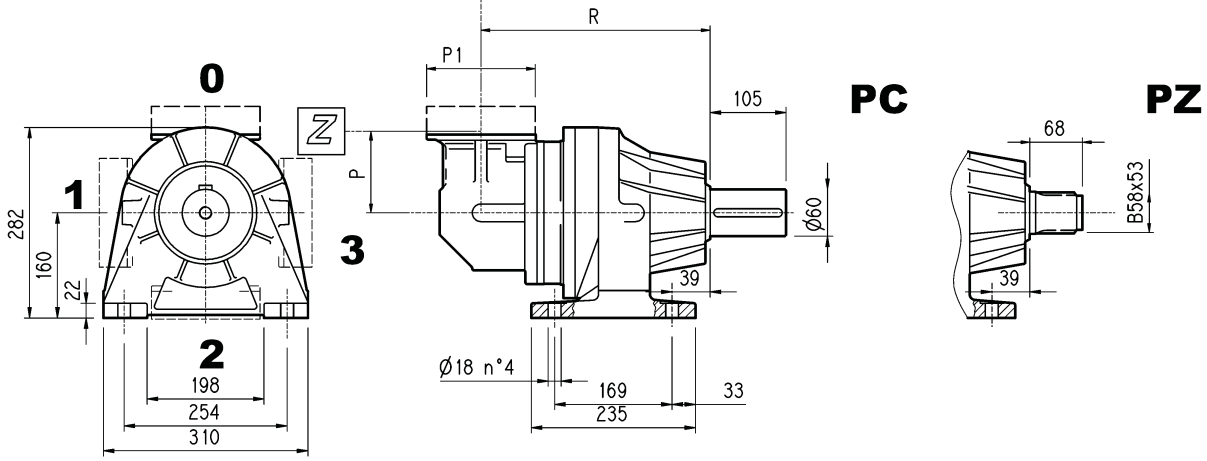
# 305R

| | Motore idraulico / Hydraulic motor Hydraulikmotor/Moteur hydraulique | | | | | | | 201 | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MG | | | | | | | | | | |
| cm³ | 50 | 80 | 100 | 125 | 160 | 200 | 250 | | | | |
| | M1 | M1 | M1 | M1 | M1 | M1 | M1 | M2 | M3 | M4 | |
| 305R2 | 156 | 162 | 166 | 170 | 177 | 184 | - | 113 | 60 | 1/4G | 14 |



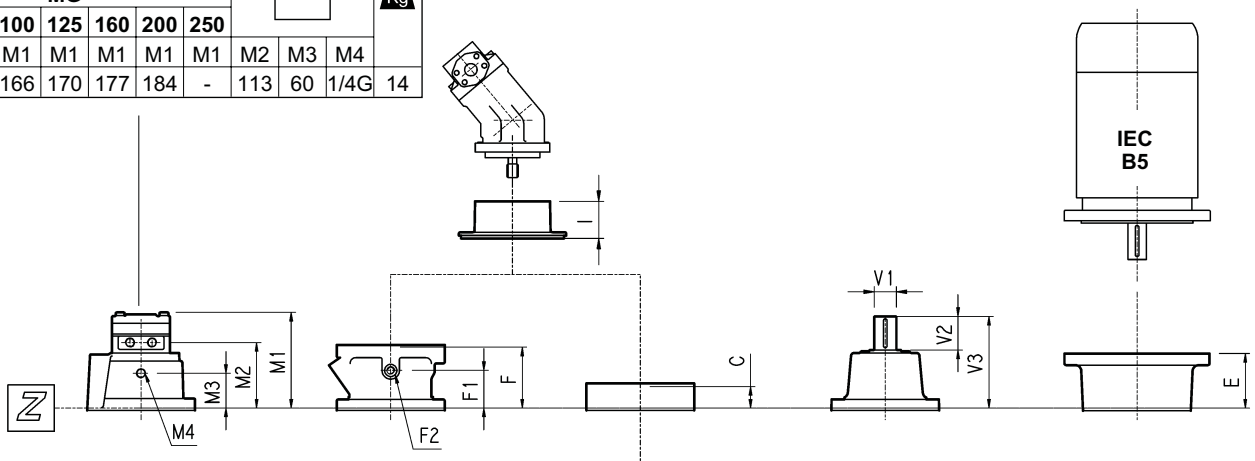



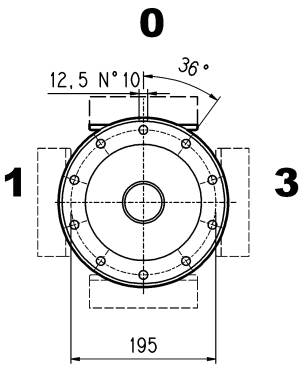



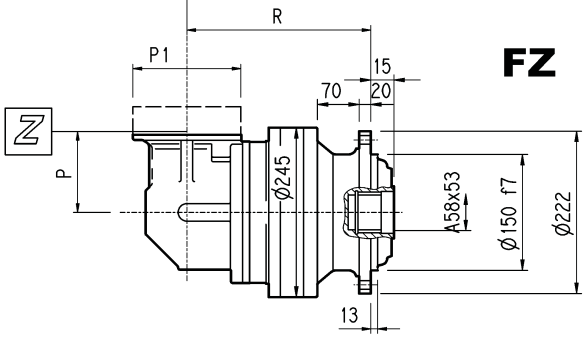



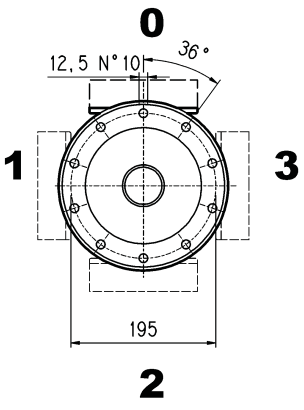
# 305R

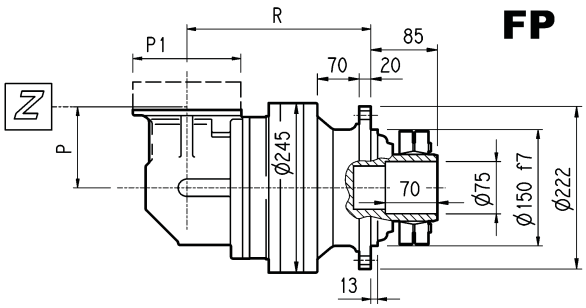
| | Motore idraulico / Hydraulic motor Hydraulikmotor/Moteur hydraulique | | | | | | | 201 | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MG | | | | | | | | | | |
| cm³ | 50 | 80 | 100 | 125 | 160 | 200 | 250 | | | | |
| | M1 | M1 | M1 | M1 | M1 | M1 | M1 | M2 | M3 | M4 | |
| 305R2 | 156 | 162 | 166 | 170 | 177 | 184 | - | 113 | 60 | 1/4G | 14 |



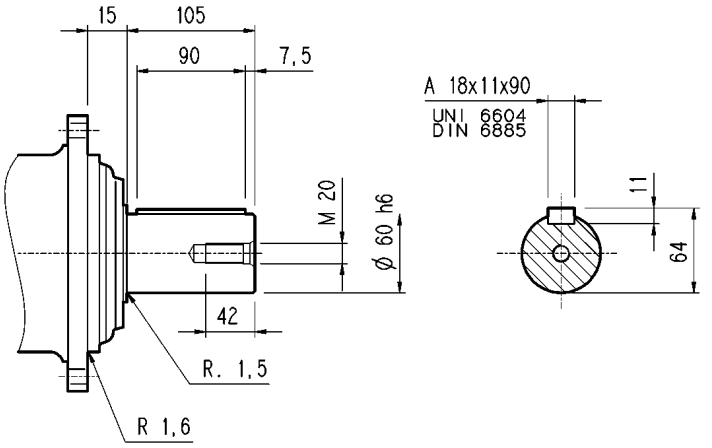

| | | |
|---|---|---|
| **VERSIONE FP**<br>**FP VERSION**<br>**VERSION FP**<br>**VERSION FP** | COPPIA MAX. TRASMISSIBILE<br>MAX. TRANSMISSIBLE TORQUE<br>MAX. ÜBERTR. MOMENT<br>COUPLE MAX. TRANSMISSIBLE | **7 000 Nm** |

| | R | | | | P | P1 | Kg | | | | | | I | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MZ MC | FZ FP | HZ HC | PC PZ | | | MZ MC | FZ FP | HZ HC | PC PZ | C | Entrata Input Antrieb Entrée | | F | F1 | F2 | Tipo Type Typ Type | Entrata Input Antrieb Entrée | |
| **305 R2** | 235 | 235 | 260 | 275 | 140 | 186 | 56 | 56 | 60 | 65 | 37 | A | | 105 | 65 | 1/4 G | 4 | A | 10 |
| **305 R3** | 300 | 300 | 325 | 340 | 122 | 186 | 57 | 57 | 61 | 66 | 37 | A | | 105 | 65 | 1/4 G | 4 | A | 10 |
| **305 R4** | 353 | 353 | 378 | 393 | 122 | 186 | 61 | 61 | 65 | 70 | 37 | A | 191 | 105 | 65 | 1/4 G | 4 | A | 10 |

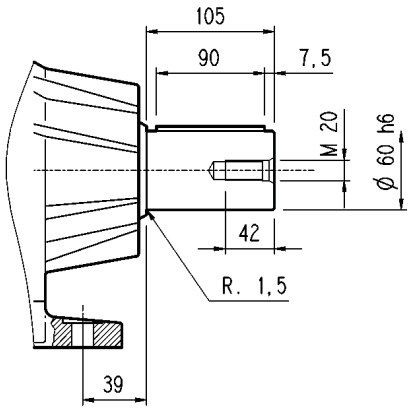
| | V1 | V2 | V3 | Kg | V1 | V2 | V3 | Kg | E | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 | | | |
| **305 R2** | 24 | 36 | 137.5 | 6 | 38 | 58 | 158 | 7 | | 65 | 84 | 84 | 94 | 94 | 114 | | | |
| **305 R3** | 24 | 36 | 137.5 | 6 | 38 | 58 | 158 | 7 | | 65 | 84 | 84 | 94 | 94 | 114 | | | |
| **305 R4** | 24 | 36 | 137.5 | 6 | 38 | 58 | 158 | 7 | | 65 | 84 | 84 | 94 | 94 | 114 | | | |

# 305L - 305R

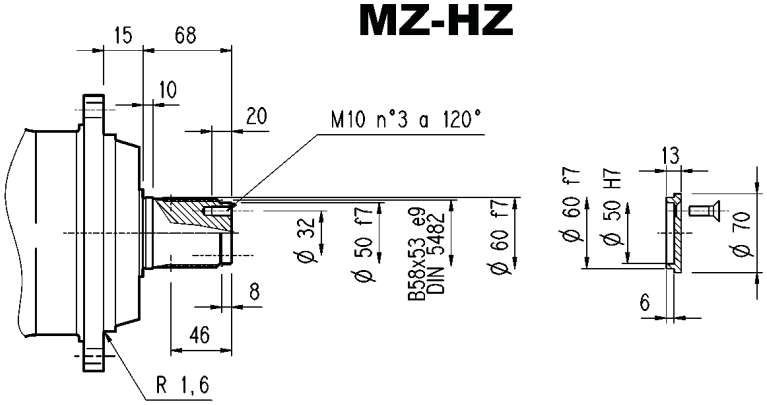
## MC-HC



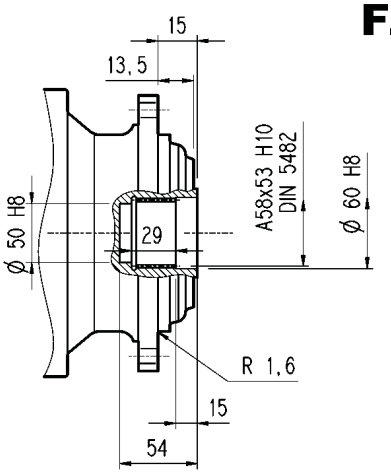

## PC



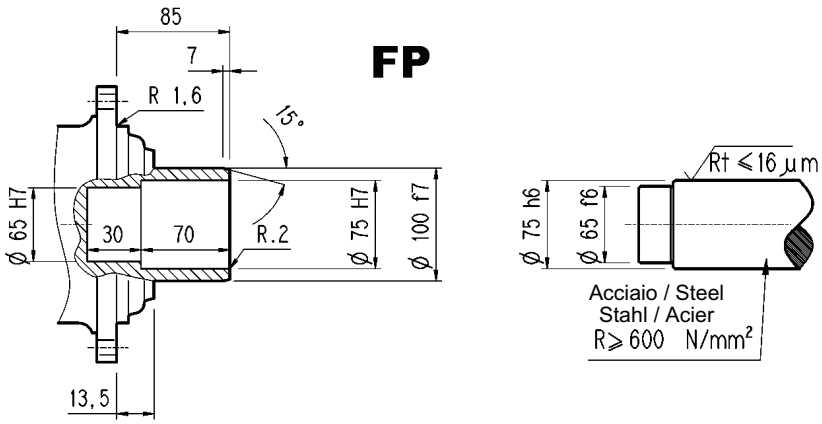

## MZ-HZ




## FZ

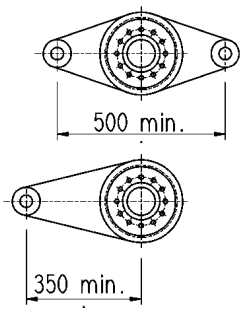



## FP







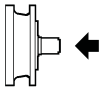


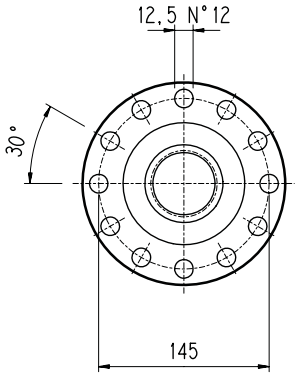

| | | |
|---|---|---|
| **VERSIONE FP**<br>**FP VERSION**<br>**VERSION FP**<br>**VERSION FP** | COPPIA MAX. TRASMISSIBILE<br>MAX. TRANSMISSIBLE TORQUE<br>MAX. ÜBERTR. MOMENT<br>COUPLE MAX.TRANSMISSIBLE | **7 000 Nm** |

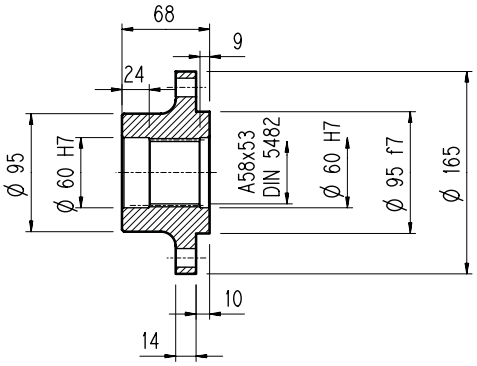
**Flangia / Flange**
**Flansch / Brides**

# 305L - 305R

## W0A



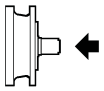


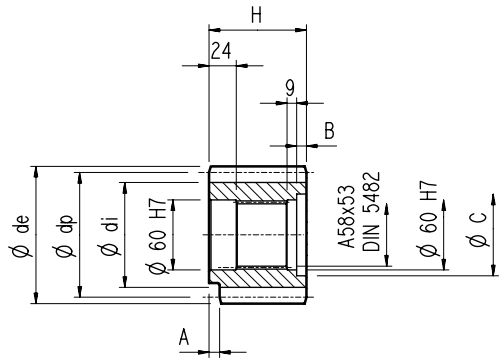

Materiale : Acciaio C40
Material : Steel C40
Material : Stahl C40
Màterial : Acier C40

**Pignoni per rotazione / Output pinions**
**Ritzel / Pignons**

## P...



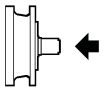
| Codice Code | m | z | x | dp | di | de | H | A | B | C | ★ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **PCL1** | 5 | 19 | 0 | 95 | 82 | 104 | 77 | 12 | 9 | 72 | ■ |
| **PCL2** | 5 | 19 | 0 | 95 | 82 | 104 | 68 | 0 | 0 | 0 | ■ |
| **PCM** | 5 | 20 | 0 | 100 | 87.5 | 110 | 68 | 18 | 0 | 0 | □ |
| **PCP** | 5 | 22 | 0 | 110 | 97.5 | 120 | 68 | 18 | 0 | 0 | □ |
| **PDE** | 6 | 14 | 0.500 | 84 | 75 | 99.6 | 68 | 0 | 0 | 0 | ■ |
| **PDI** | 6 | 18 | 0.500 | 108 | 99 | 123.6 | 68 | 0 | 0 | 0 | ■ |
| **PDM** | 6 | 20 | 0.833 | 120 | 115 | 140 | 68 | 0 | 0 | 0 | ■ |
| **PFD** | 8 | 13 | 0.675 | 104 | 95 | 127.6 | 68 | 0 | 0 | 0 | □ |
| **PFE1** | 8 | 14 | 0 | 112 | 92 | 126 | 68 | 0 | 0 | 0 | □ |
| **PFE2** | 8 | 14 | 0 | 112 | 92 | 126 | 80 | 0 | 12 | 72 | □ |
| **PFF** | 8 | 15 | 0 | 120 | 100 | 136 | 68 | 0 | 0 | 0 | ■ |
| **PFP** | 8 | 22 | 0 | 176 | 156 | 190 | 77 | 12 | 10 | 71 | ■ |
| **PHG** | 10 | 16 | 0.500 | 160 | 145 | 188 | 75 | 0 | 7 | 72 | ■ |

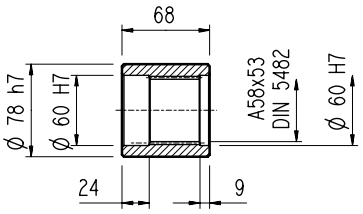



| ★ | Materiale/Material/Material/Màterial |
|---|---|
| ■ | Acciaio 39NiCrMo3 Bonificato<br>Steel 39NiCrMo3 hardened and tempered<br>Vergüteter Stahl 39NiCrMo3<br>Acier bonifiè 39NiCrMo3 |
| □ | Acciaio 18NiCrMo5 Cementato e temprato<br>Steel 18NiCrMo5 Case hardened<br>Einsatzstahl 18NiCrMo5 Einsatzgehärtet<br>Acier cementè et temprè 18NiCrMo5 |

**Manicotti lisci / Sleeve couplings**
**Naben / Manchons lisses a cannelure interieure**

## M0A

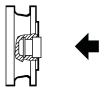


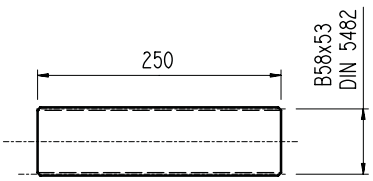



Materiale : Acciaio 16CrNi4
Material : Steel 16CrNi4
Material : Stahl 16CrNi4
Màterial : Acier 16CrNi4

**Barre scanalate / Splined bars**
**Vielkeilwellen / Barre cannelée**

## B0A

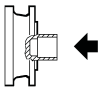


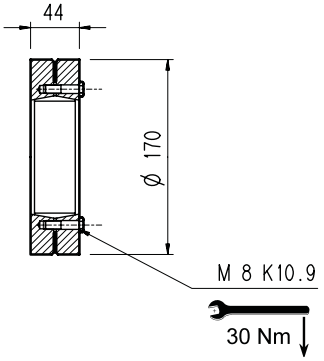



Mat. acciaio 18NiCrMo5 UNI 5331 da cementare e temprare 50-55 HRC
Case hardening steel 18NiCrMo5 UNI 5331
must be case hardened 50-55 HRC
Material: Einsatzstahl 18NiCrMo5 UNI 5331
muss einsatzgehärtet werden 50-55 HRC
Acier 18 NiCrMo5 UNI 5331 doit être cémenté trempé 50-55 HRC

**Giunto ad attrito / Shrink disc**
**Schrumpfscheibe / Frette de serrage**

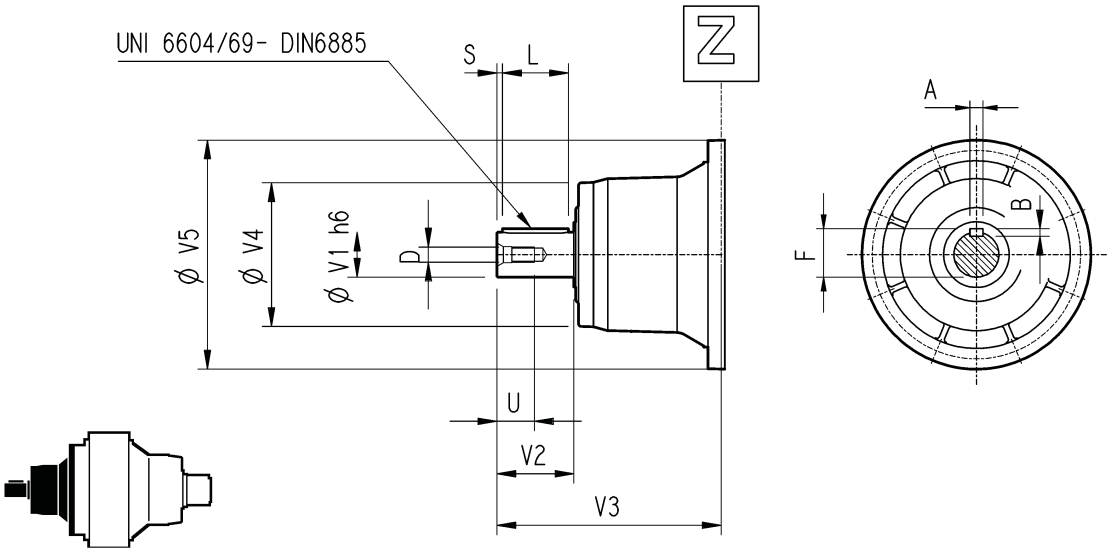
## G0A





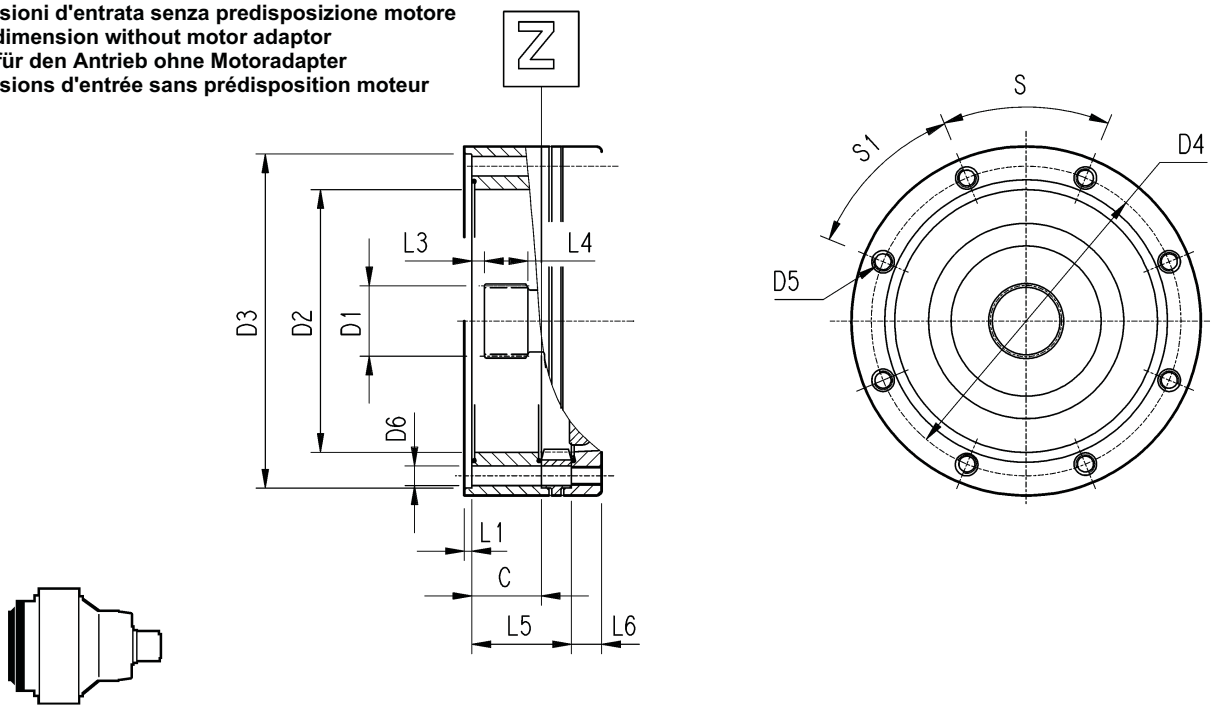
# 305L - 305R

**Alberi veloci / Input shaft**
**Antriebswellen / Arbres d'entrée**




| | CODE | V1 | V2 | V3 | V4 | V5 | A | B | F | L | S | D | U |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **305 L1** | V05B | 48 | 82 | 239 | 155 | 245 | 14 | 9 | 51.5 | 70 | 6 | M16 | 36 |
| **305 L2** | V01A | 24 | 36 | 137.5 | 120 | 186 | 8 | 7 | 27 | 30 | 3 | M8 | 19 |
| | V01B | 38 | 58 | 158 | 120 | 186 | 10 | 8 | 41 | 50 | 4 | M12 | 28 |
| **305 L3** | V01A | 24 | 36 | 137.5 | 120 | 186 | 8 | 7 | 27 | 30 | 3 | M8 | 19 |
| | V01B | 38 | 58 | 158 | 120 | 186 | 10 | 8 | 41 | 50 | 4 | M12 | 28 |
| **305 L4** | V01A | 24 | 36 | 137.5 | 120 | 186 | 8 | 7 | 27 | 30 | 3 | M8 | 19 |
| | V01B | 38 | 58 | 158 | 120 | 186 | 10 | 8 | 41 | 50 | 4 | M12 | 28 |
| **305 R2-R3-R4** | V01A | 24 | 36 | 137.5 | 120 | 186 | 8 | 7 | 27 | 30 | 3 | M8 | 19 |
| | V01B | 38 | 58 | 158 | 120 | 186 | 10 | 8 | 41 | 50 | 4 | M12 | 28 |

**Dimensioni d'entrata senza predisposizione motore**
**Input dimension without motor adaptor**
**Maße für den Antrieb ohne Motoradapter**
**Dimensions d'entrée sans prédisposition moteur**




| | C | D1 | D2 | D3 | D4 | D5 | D6 | L1 | L2 | L3 | L4 | L5 | L6 | S | S1 | Entrata Input Antrieb Entrée |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **305 L1** | 37 | 40x36 DIN5482 | 140 | 178 H7 | 165 | M10 n°8 | 11 | 4 | 18 | 9 | 18 | 0 | 0 | 45° | 45° | A |
| **305 L2** | 37 | 40x36 DIN5482 | 140 | 178 H7 | 165 | M10 n°8 | 11 | 4 | / | 9 | 18 | 65 | 18 | 45° | 45° | A |
| **305 L3** | 37 | 40x36 DIN5482 | 140 | 178 H7 | 165 | M10 n°8 | 11 | 4 | / | 9 | 18 | 118 | 18 | 45° | 45° | A |
| **305 L4** | 37 | 40x36 DIN5482 | 140 | 178 H7 | 165 | M10 n°8 | 11 | 4 | / | 9 | 18 | 171 | 18 | 45° | 45° | A |
| **305 R2-R3-R4** | 37 | 40x36 DIN5482 | 140 | 178 H7 | 165 | M10 n°8 | 11 | 4 | / | 9 | 18 | 37 | 18 | 45° | 45° | A |

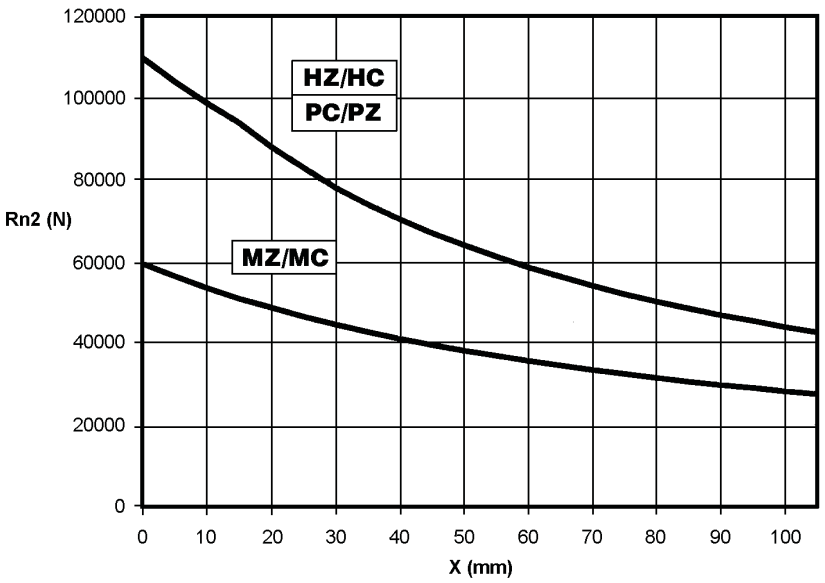
# 305L - 305R

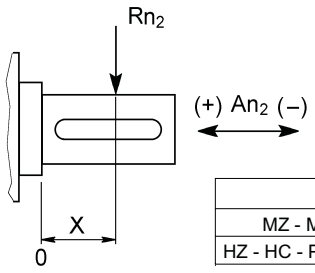
Carichi radiali ed assiali ammissibili sull'albero lento per un valore di $Fh_2 : n_2 \cdot h = 10\,000$

Permissible radial and axial loads on output shaft with $Fh_2$ $n_2 \cdot h = 10\,000$

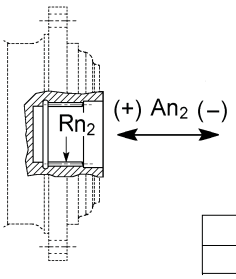
An der Ausgangswelle zulässige Radiallasten und Axialkräfte für einen Wert von $Fh_2$ $n_2 \cdot h = 10\,000$

Charges radiales et axiales admises sur l'arbre lent pour une valeur de $Fh_2 : n_2 \cdot h = 10\,000$




| | An2 (+) | An2 (-) |
|---|---|---|
| MZ - MC | 55 000 | 44 000 |
| HZ - HC - PC - PZ | 55 000 | 44 000 |




| | Rn2 | An2 (+/-) |
|---|---|---|
| FZ | 24 000 | 25000 |

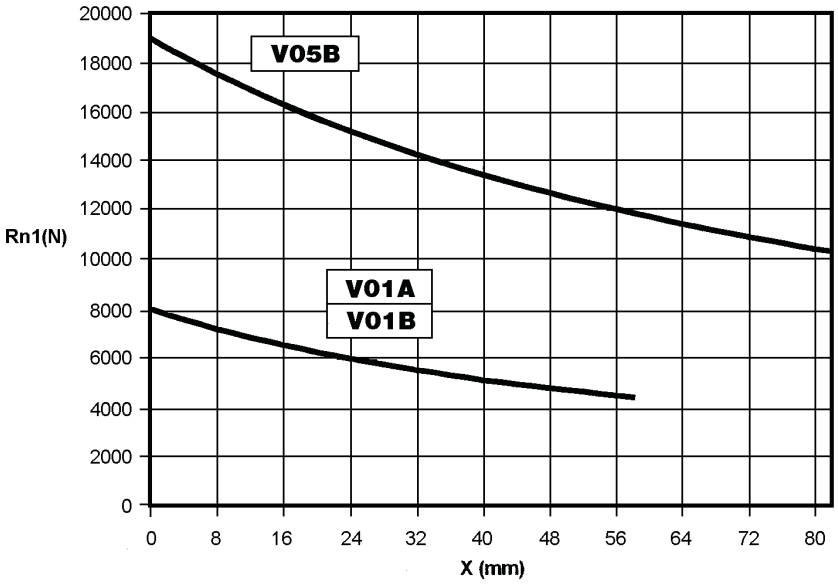
| | | $Fh_2 = n_2 \cdot h$ | 10 000 | 25 000 | 50 000 | 100 000 | 500 000 | 1 000 000 |
|---|---|---|---|---|---|---|---|---|
| Fattore $fh_2$ correttivo per carichi sugli alberi<br>Load corrective factor $fh_2$ on shafts<br>Korrektionsfaktor $fh_2$ für wellenbelastungen<br>Facteur de corretion $fh_2$ pour charges sur les arbres | $fh_2$ | MZ - MC - FZ | **1** | **0.74** | **0.58** | **0.46** | **0.27** | **0.21** |
| | | HZ - HC - PC - PZ | **1** | **0.76** | **0.61** | **0.50** | **0.31** | **0.25** |

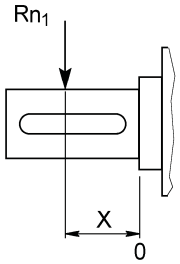
Carichi radiali ammissibili sull'albero veloce per un valore di $Fh_1$ $n_1 \cdot h = 250\,000$

Permissible radial loads on input shaft with $Fh_1 : n_1 \cdot h = 250\,000$

An der Antriebswelle zulässige Radiallasten für einen Wert von $Fh_1 : n_1 \cdot h = 250\,000$

Charges radiales admises sur l'arbre d'entrée pour une valeur de $Fh_1 : n_1 \cdot h = 250\,000$




| | $Fh_1 = n_1 \cdot h$ | 250 000 | 500 000 | 1 000 000 | 2 000 000 | 5 000 000 | 10 000 000 |
|---|---|---|---|---|---|---|---|
| Fattore $fh_1$ correttivo per carichi sugli alberi<br>Load corrective factor $fh_1$ on shafts<br>Korrektionsfaktor $fh_1$ für wellenbelastungen<br>Facteur de corretion $fh_1$ pour charges sur les arbres | $fh_1$ | **1** | **0.79** | **0.63** | **0.50** | **0.37** | **0.29** |