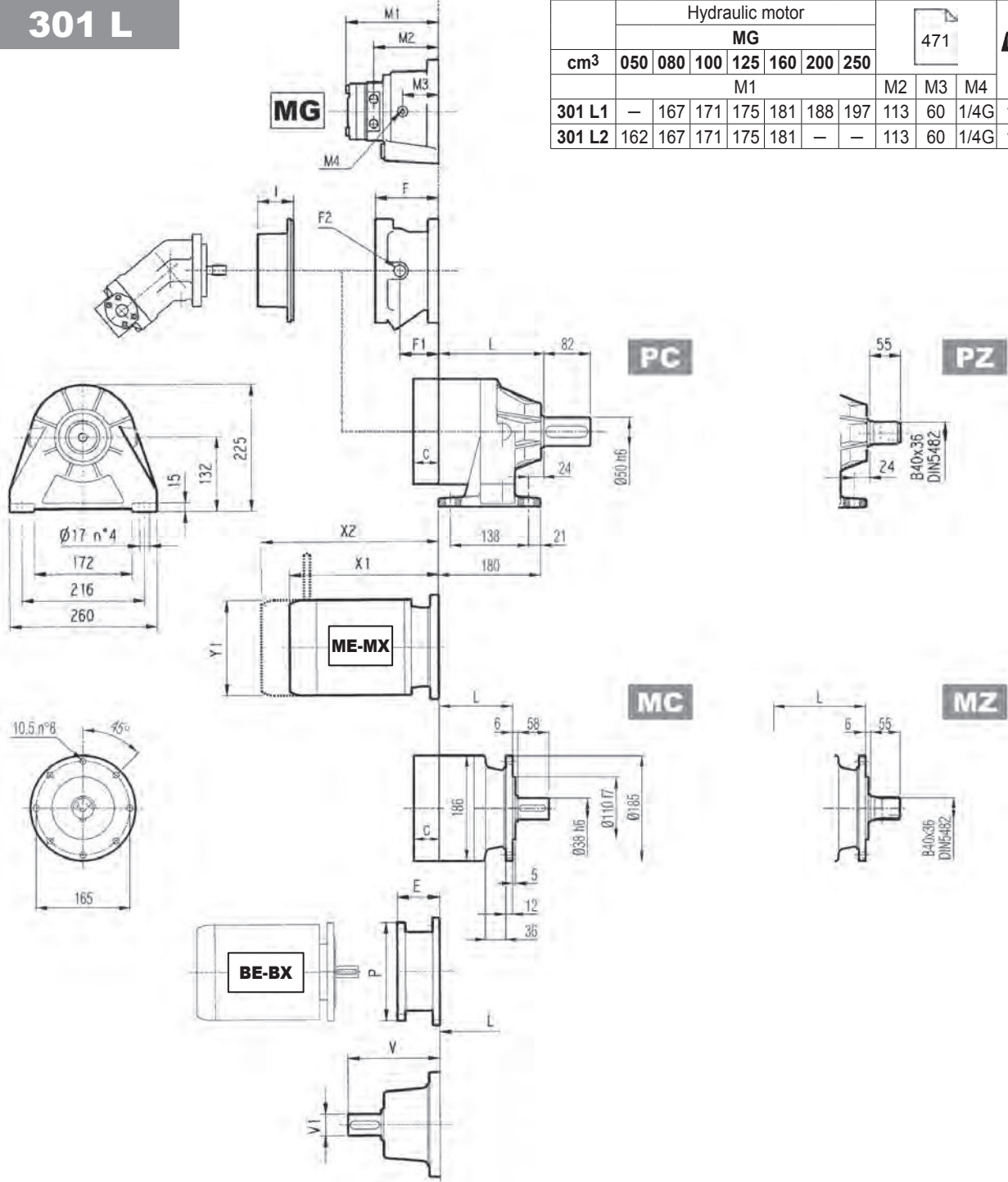


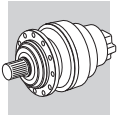
301 L

| | | Hydraulic motor | | | | | | 471 | | | Kg |
|-----------------|-----|-----------------|-----|-----|-----|-----|-----|-----|----|------|----|
| | | MG | | | | | | | | | |
| cm ³ | | 050 | 080 | 100 | 125 | 160 | 200 | 250 | | | |
| | | M1 | | | | | | M2 | M3 | M4 | |
| 301 L1 | — | 167 | 171 | 175 | 181 | 188 | 197 | 113 | 60 | 1/4G | 14 |
| 301 L2 | 162 | 167 | 171 | 175 | 181 | — | — | 113 | 60 | 1/4G | 14 |



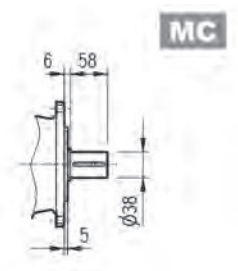
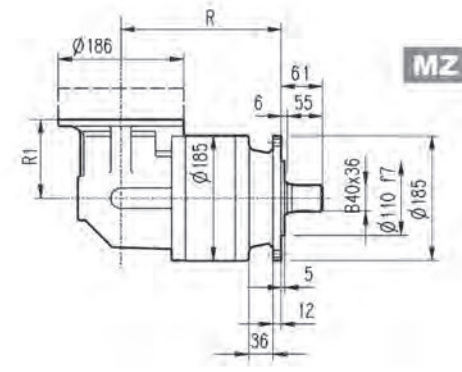
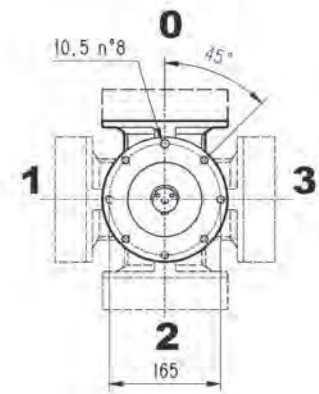
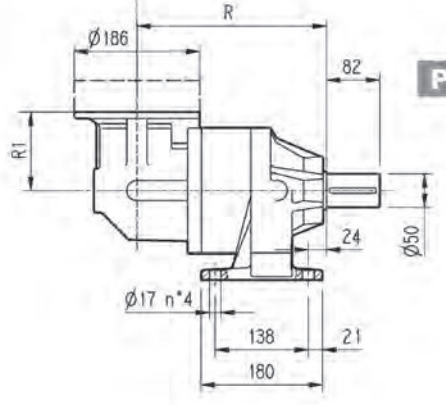
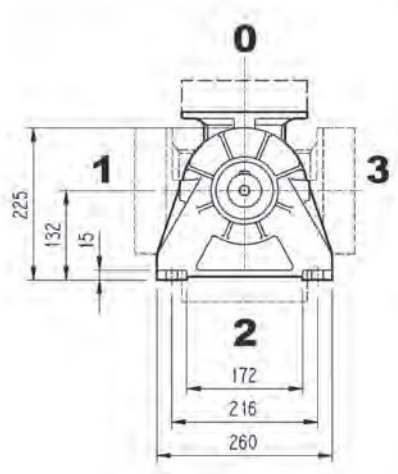
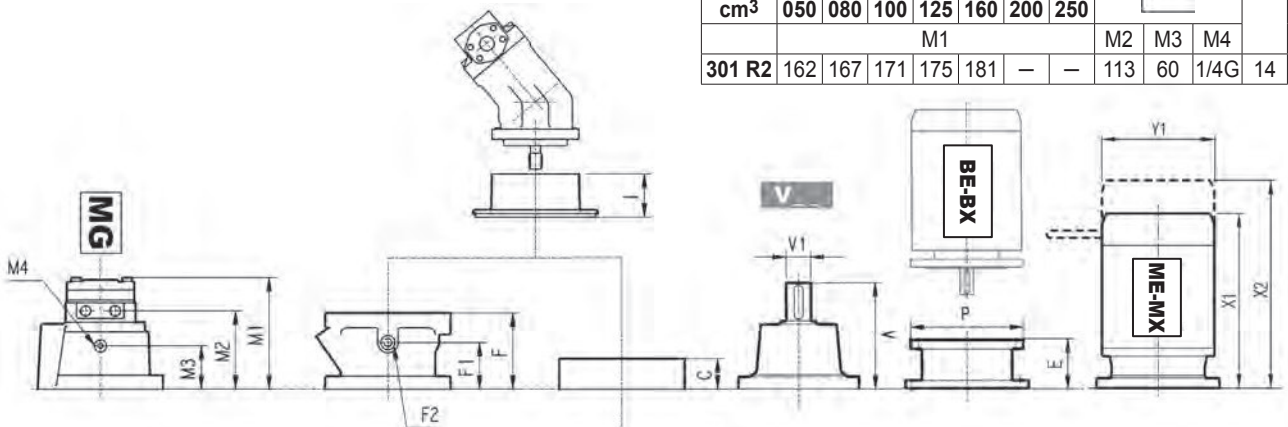
| | L | | | | Kg | | | |
|--------|---------|---------|---------|---------------|---------|---------|---------|---------------|
| | MC - MZ | PC - PZ | HC - HZ | FP - FZ - FDK | MC - MZ | PC - PZ | HC - HZ | FP - FZ - FDK |
| 301 L1 | 92 | 132 | 126 | 92 | 21 | 26 | 23 | 19 |
| 301 L2 | 145 | 185 | 176 | 145 | 25 | 30 | 27 | 23 |
| 301 L3 | 198 | 238 | 232 | 198 | 29 | 34 | 31 | 27 |
| 301 L4 | 251 | 291 | 285 | 251 | 33 | 38 | 35 | 31 |

| | Kg | | | Kg | | | C | Input | I | Kg | | | | | |
|--------|-------|----|----|-----|----|----|----|-------|-----|-----|----|-------|------|-------|----|
| | V | V1 | Kg | V | V1 | Kg | | | | F | F1 | F2 | Type | Input | Kg |
| 301 L1 | 137.5 | 24 | 6 | 158 | 38 | 7 | 37 | A | 461 | 105 | 65 | 1/4 G | 4 | A | 10 |
| 301 L2 | 137.5 | 24 | 6 | 158 | 38 | 7 | 37 | A | | 105 | 65 | 1/4 G | 4 | A | 10 |
| 301 L3 | 137.5 | 24 | 6 | 158 | 38 | 7 | 37 | A | | 105 | 65 | 1/4 G | 4 | A | 10 |
| 301 L4 | 137.5 | 24 | 6 | 158 | 38 | 7 | 37 | A | | 105 | 65 | 1/4 G | 4 | A | 10 |



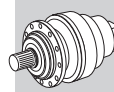
301 R

| | | | | | | | | | | | | | | |
|-----------------------|------------|------------|------------|------------|------------|------------|------------|-----------------|----|------|----|-----|----|----|
| | | | | | | | | Hydraulic motor | | | | | | Kg |
| | | | | | | | | MG | | | | 471 | | |
| cm³ | 050 | 080 | 100 | 125 | 160 | 200 | 250 | M1 | | | | M2 | M3 | M4 |
| 301 R2 | 162 | 167 | 171 | 175 | 181 | — | — | 113 | 60 | 1/4G | 14 | | | |

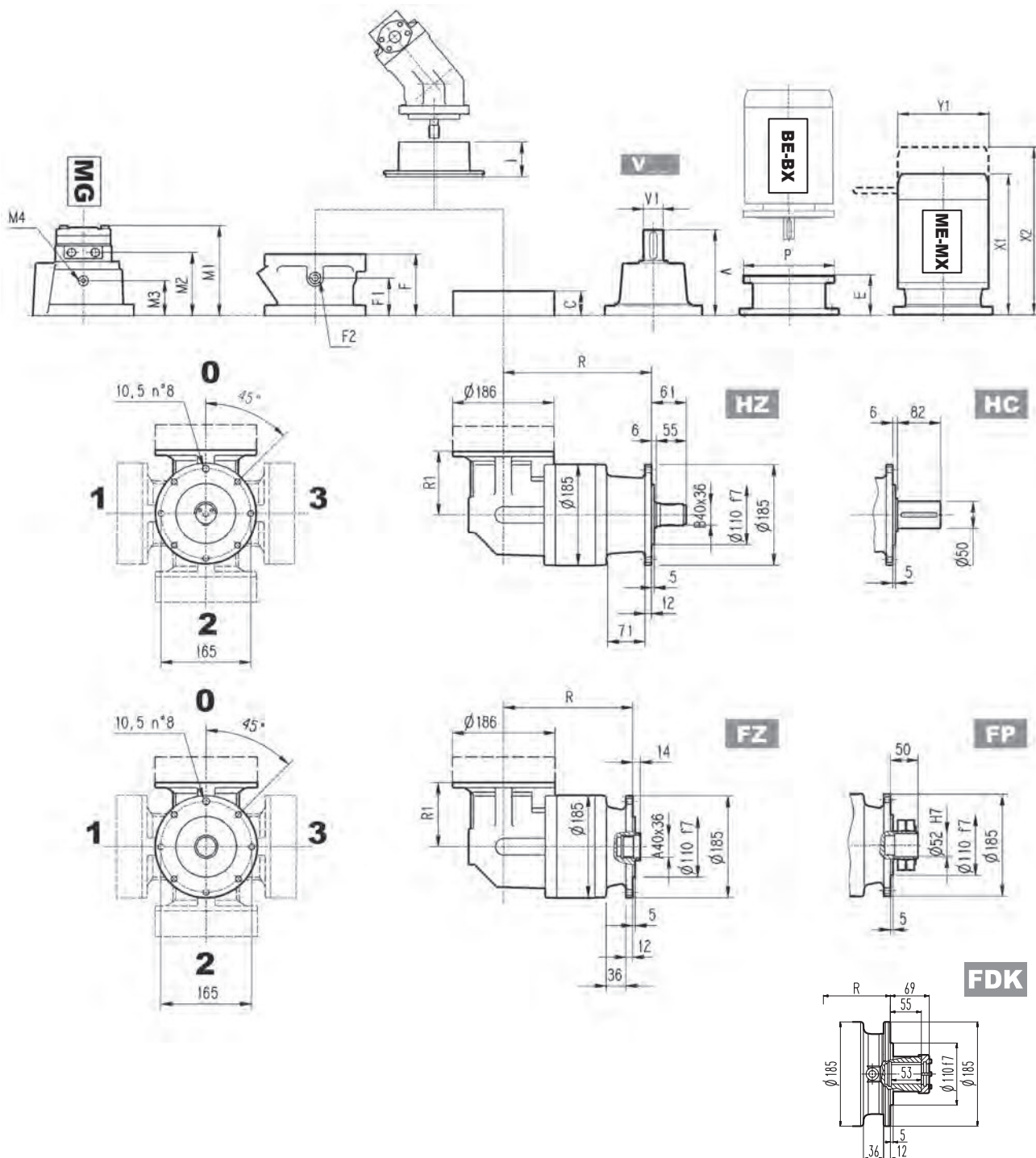


| | R | | | | R1 | Kg | | | |
|---------------|---------|---------|---------|---------------|-----|---------|---------|---------|---------------|
| | MC - MZ | PC - PZ | HC - HZ | FP - FZ - FDK | | MC - MZ | PC - PZ | HC - HZ | FP - FZ - FDK |
| 301 R2 | 184 | 225 | 219 | 184 | 122 | 35 | 42 | 37 | 33 |
| 301 R3 | 237 | 278 | 272 | 237 | 122 | 39 | 46 | 41 | 37 |
| 301 R4 | 290 | 331 | 325 | 290 | 122 | 43 | 50 | 45 | 41 |

| | Kg | | | | | | C | Input | I | Kg | | | | | |
|---------------|-------|----|----|-----|----|----|----|-------|-----|-----|----|-------|------|-------|----|
| | V | V1 | Kg | V | V1 | Kg | | | | F | F1 | F2 | Type | Input | Kg |
| 301 R2 | 137.5 | 24 | 6 | 158 | 38 | 7 | 37 | A | 461 | 105 | 65 | 1/4 G | 4 | A | 10 |
| 301 R3 | 137.5 | 24 | 6 | 158 | 38 | 7 | 37 | A | 461 | 105 | 65 | 1/4 G | 4 | A | 10 |
| 301 R4 | 137.5 | 24 | 6 | 158 | 38 | 7 | 37 | A | 461 | 105 | 65 | 1/4 G | 4 | A | 10 |



301 R

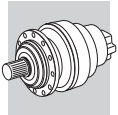


FP

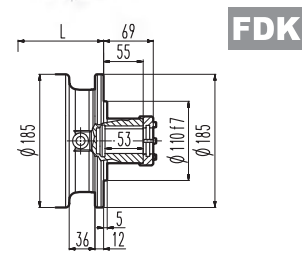
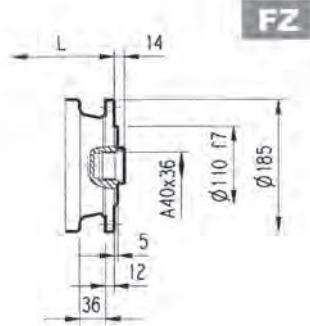
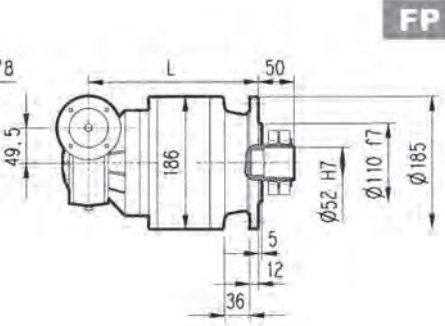
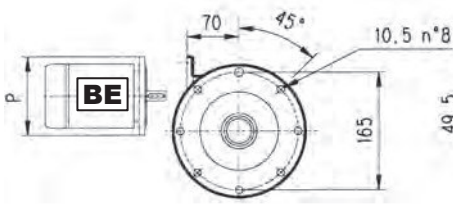
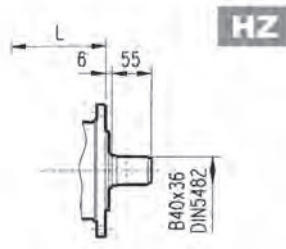
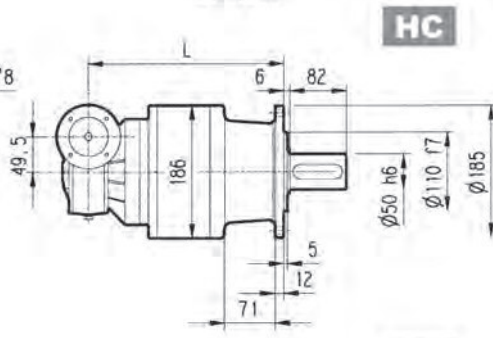
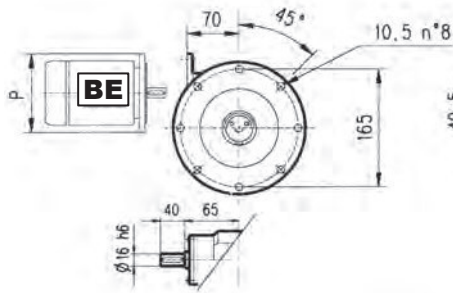
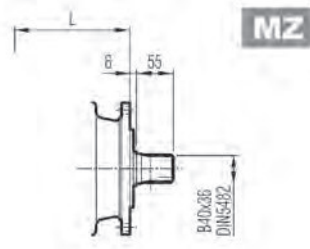
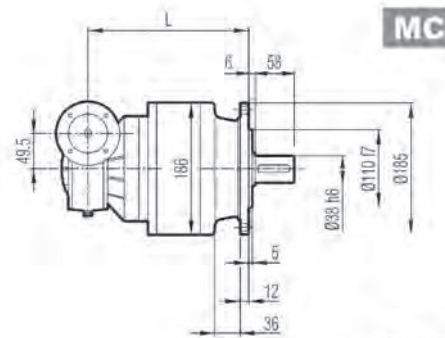
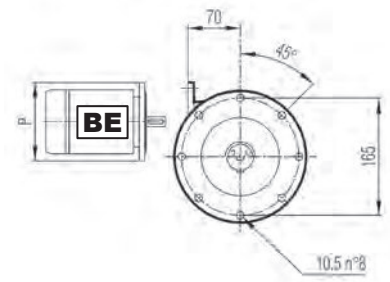
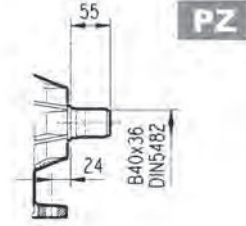
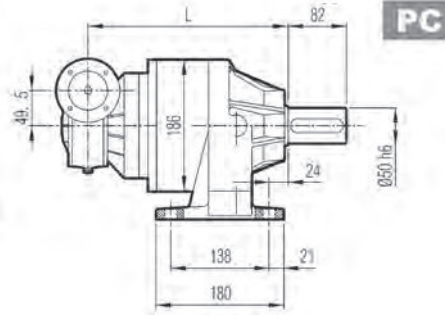
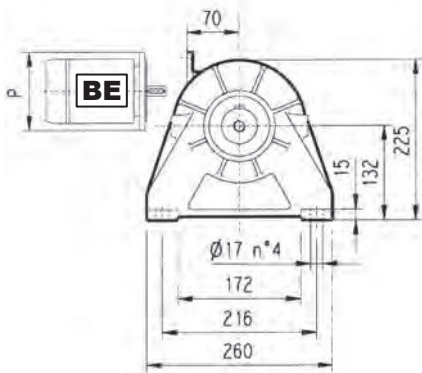
$M_{2max} = 2400 \text{ Nm}$

| | P71 | | P80 | | P90 | | P100 | | P112 | | P132 | |
|--------|-----|-----|-----|-----|-----|-----|------|-----|------|-----|------|-----|
| | E | P | E | P | E | P | E | P | E | P | E | P |
| 301 R2 | 65 | 160 | 84 | 200 | 84 | 200 | 94 | 250 | 94 | 250 | 114 | 300 |
| 301 R3 | 65 | 160 | 84 | 200 | 84 | 200 | 94 | 250 | 94 | 250 | 114 | 300 |
| 301 R4 | 65 | 160 | 84 | 200 | 84 | 200 | 94 | 250 | 94 | 250 | 114 | 300 |

| | S1 + M1 | | | S2 + ME2S/MX2S | | | S3 + ME3S/MX3S | | | S3 + ME3L/MX3L | | | S4 + ME4/MX4 | | |
|--------|---------|-----|-----|----------------|----|-----|----------------|----|-----|----------------|----|-----|--------------|----|-----|
| | X1 | X2 | Y1 | X1 | X2 | Y1 | X1 | X2 | Y1 | X1 | X2 | Y1 | X1 | X2 | Y1 |
| 301 R2 | 253 | 314 | 138 | 372 | — | 156 | 405 | — | 195 | 449 | — | 195 | 508 | — | 258 |
| 301 R3 | 253 | 314 | 138 | 372 | — | 156 | 405 | — | 195 | 449 | — | 195 | — | — | — |
| 301 R4 | 253 | 314 | 138 | 372 | — | 156 | 405 | — | 195 | — | — | — | — | — | — |

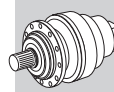


3/V 01 L3

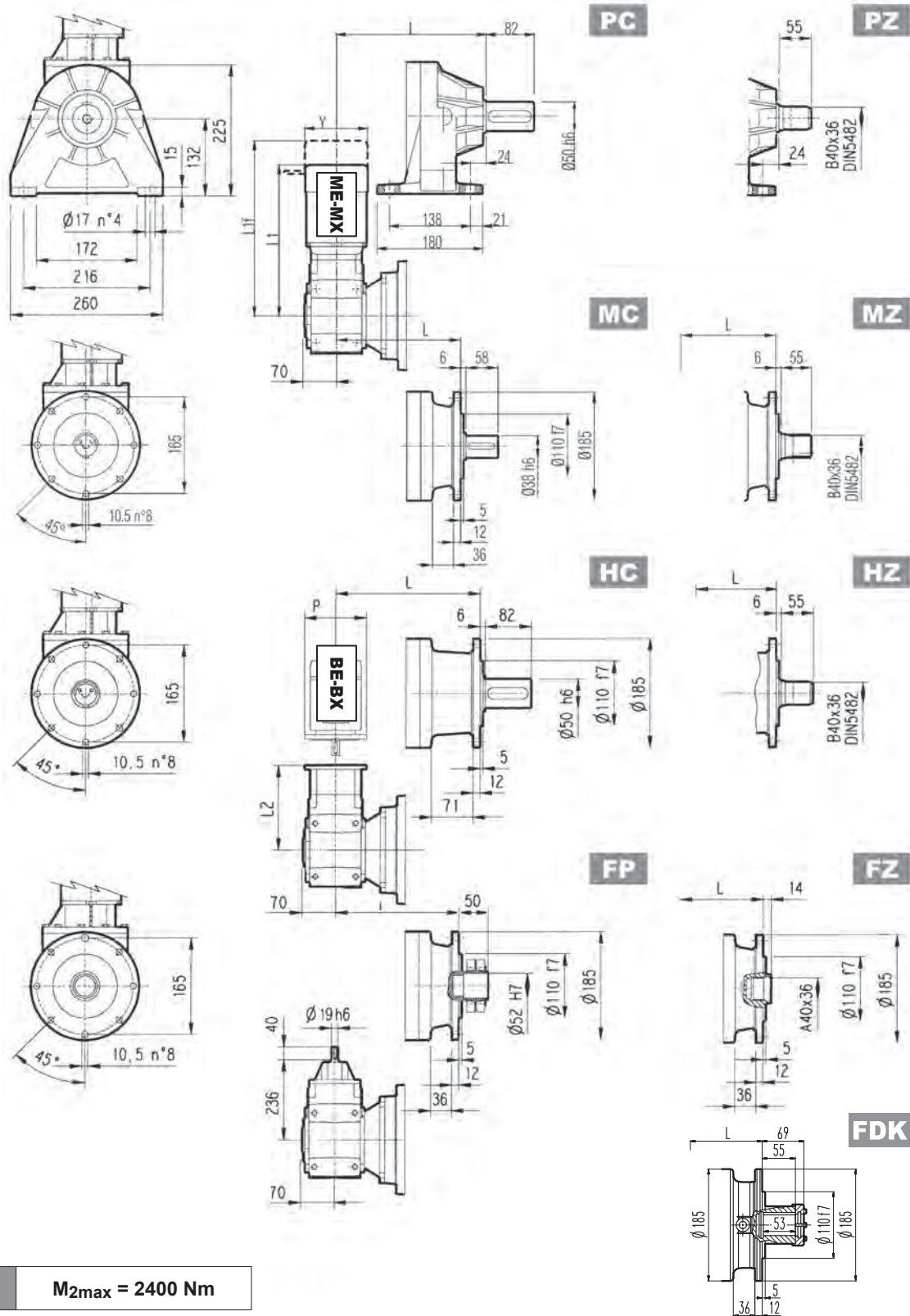


FP $M_{2max} = 2400 \text{ Nm}$

| 3/V 01 L3 | L | | | MC - MZ | PC - PZ | HC - HZ | FP - FZ - FDK | P63 P | P71 P | P80 P |
|-----------|---------|---------|---------|---------|---------|---------|---------------|----------|----------|----------|
| | MC - MZ | PC - PZ | HC - HZ | | | | | | | |
| | 267 | 308 | 302 | 267 | 28 | 35 | 30 | 140 | 160 | 200 |

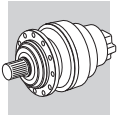


3/A 01 L2



FP $M_{2max} = 2400 \text{ Nm}$

| | L | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|---------|-----|---------|-----|---------|-----|---------------|-----|---------|-----|---------|-----|----------------|-----|----------------|-----|----------------|-----|-----|-----|---|-----|--|--|
| | MC - MZ | | PC - PZ | | HC - HZ | | FP - FZ - FDK | | MC - MZ | | PC - PZ | | HC - HZ | | FP - FZ - FDK | | | | | | | | | |
| 3/A 01 L2 | 202 | | 208 | | 237 | | 202 | | 40 | | 46 | | 43 | | 40 | | | | | | | | | |
| | P63 | | P71 | | P80 | | P90 | | P100 | | S1 + M1 | | S2 + ME2S/MX2S | | S3 + ME3S/MX3S | | S3 + ME3L/MX3L | | | | | | | |
| | L2 | P | L2 | P | L2 | P | L2 | P | L2 | P | L1 | L1f | Y | L1 | L1f | Y | L1 | L1f | Y | | | | | |
| 3/A 01 L2 | 226 | 140 | 226 | 160 | 245.5 | 200 | 245.5 | 200 | 255.5 | 250 | 382 | 442 | 138 | 452 | — | 156 | 485 | — | 195 | 528 | — | 195 | | |

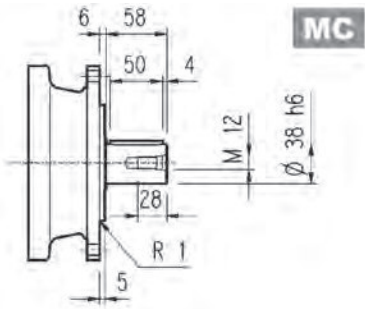


301 L

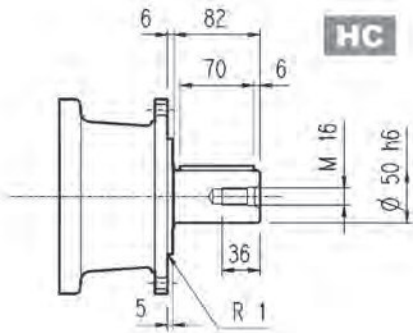
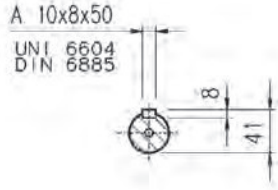
301 R

3/V 01 L3

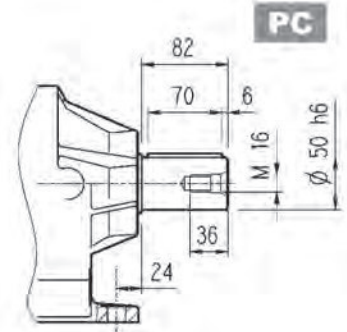
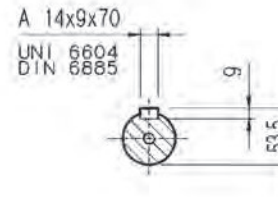
3/A 01 L2



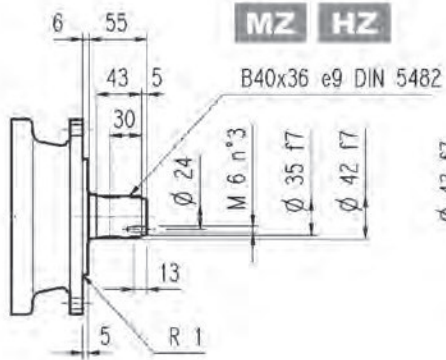
MC



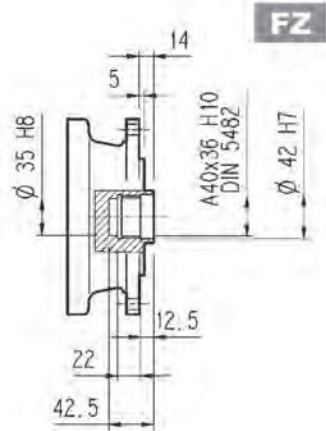
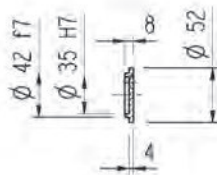
HC



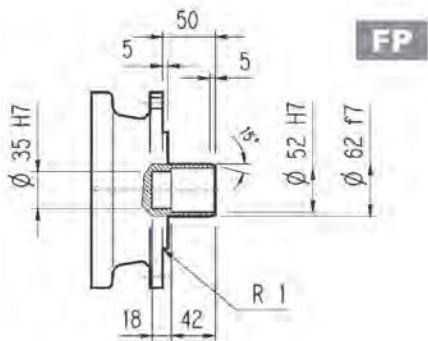
PC



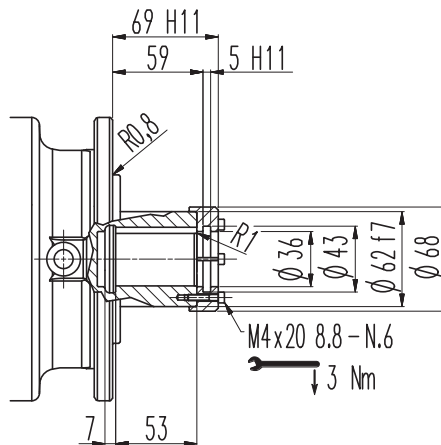
MZ HZ



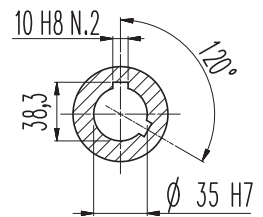
FZ



FP

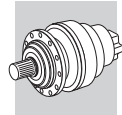


FDK



FP

M_{2max} = 2400 Nm



301 L

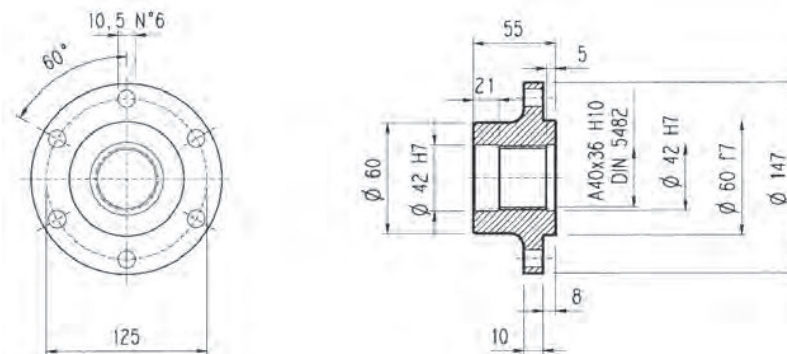
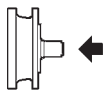
301 R

3/V 01 L3

3/A 01 L2

Flansch

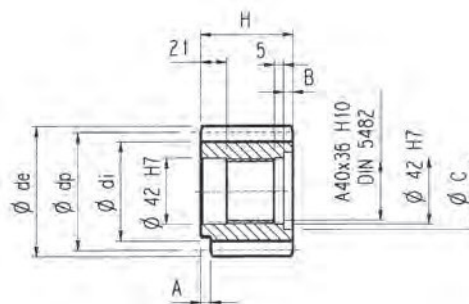
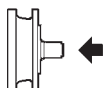
W0A



Material: Stahl C40

Ritzel

P...

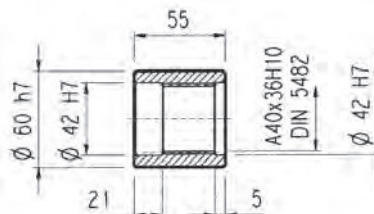
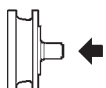


$\alpha = 20^\circ$

| | m | z | x | dp | di | de | H | A | B | C | Material |
|-----|-----|----|-------|----|------|------|----|----|----|----|----------------------------|
| PBE | 4.5 | 14 | 0.507 | 63 | 56 | 75.5 | 55 | — | — | — | Vergüteter Stahl 39NiCrMo3 |
| PCE | 5 | 14 | 0.500 | 70 | 62.5 | 84.8 | 65 | — | 10 | 53 | |
| PDC | 6 | 12 | 0.250 | 72 | 61 | 84.8 | 59 | 14 | 4 | 54 | |
| PDE | 6 | 14 | 0.500 | 84 | 73 | 99.6 | 65 | — | 10 | 54 | |

Naben

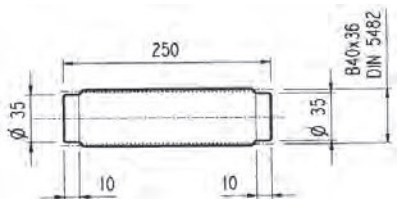
M0A



Material: Stahl 16CrNi4

Vielkeilwellen

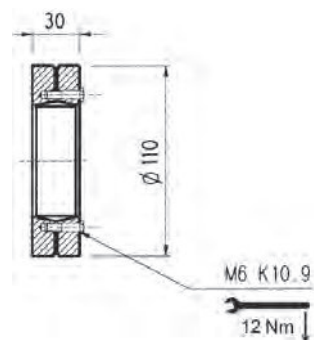
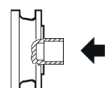
B0A

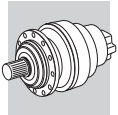


Material: Einsatzstahl 18NiCrMo5 UNI 5331
muss einsatzgehärtet werden 50-55 HRC

Schrumpfscheibe

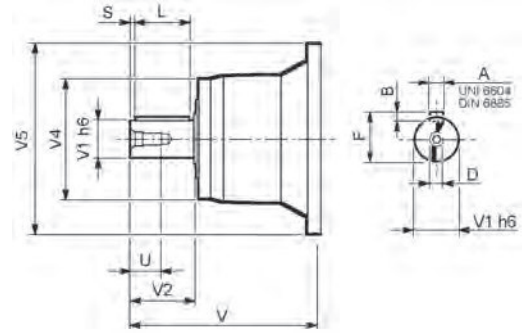
G0A





301 L

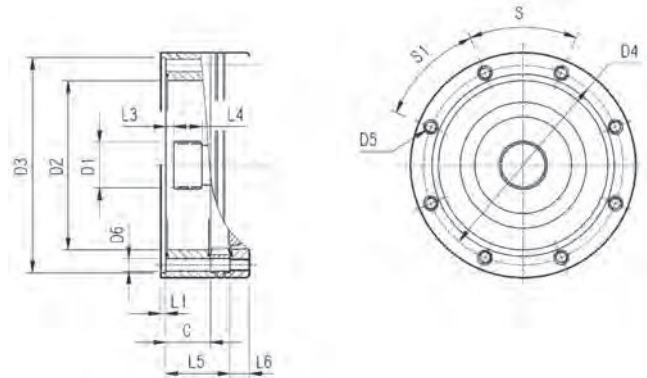
301 R



| | | V | V1 | V2 | V4 | V5 | A | B | F | L | S | D | U |
|--------------|------|-------|----|----|-----|-----|----|---|----|----|---|-----|----|
| 301 L1 | V01A | 137.5 | 24 | 36 | 120 | 186 | 8 | 7 | 27 | 30 | 3 | M8 | 19 |
| | V01B | 158 | 38 | 58 | 120 | 186 | 10 | 8 | 41 | 50 | 4 | M12 | 28 |
| 301 L2 | V01A | 137.5 | 24 | 36 | 120 | 186 | 8 | 7 | 27 | 30 | 3 | M8 | 19 |
| | V01B | 158 | 38 | 58 | 120 | 186 | 10 | 8 | 41 | 50 | 4 | M12 | 28 |
| 301 L3 | V01A | 137.5 | 24 | 36 | 120 | 186 | 8 | 7 | 27 | 30 | 3 | M8 | 19 |
| | V01B | 158 | 38 | 58 | 120 | 186 | 10 | 8 | 41 | 50 | 4 | M12 | 28 |
| 301 L4 | V01A | 137.5 | 24 | 36 | 120 | 186 | 8 | 7 | 27 | 30 | 3 | M8 | 19 |
| | V01B | 158 | 38 | 58 | 120 | 186 | 10 | 8 | 41 | 50 | 4 | M12 | 28 |
| 301 R2-R3-R4 | V01A | 137.5 | 24 | 36 | 120 | 186 | 8 | 7 | 27 | 30 | 3 | M8 | 19 |
| | V01B | 158 | 38 | 58 | 120 | 186 | 10 | 8 | 41 | 50 | 4 | M12 | 28 |

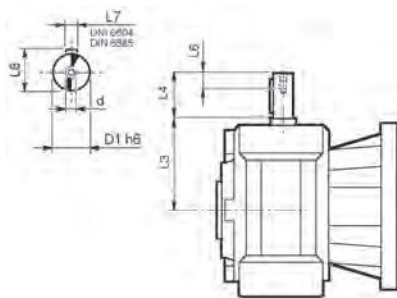
301 L

301 R



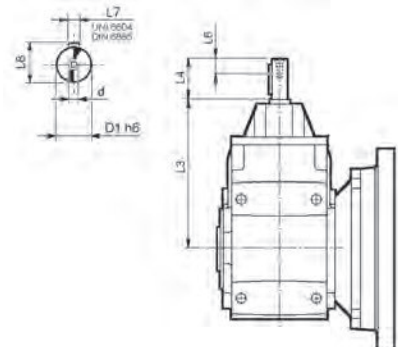
| | | C | D1 | D2 | D3 | D4 | D5 | D6 | L1 | L2 | L3 | L4 | L5 | L6 | S | S1 | Input |
|--------------|------|----|---------------|-----|--------|-----|---------|----|----|----|----|----|-----|----|-----|-----|-------|
| 301 L1 | V9AA | 37 | 40x36 DIN5482 | 140 | 178 H7 | 165 | M10 n°8 | 11 | 4 | — | 9 | 18 | 65 | 18 | 45° | 45° | A |
| 301 L2 | V9AA | 37 | 40x36 DIN5482 | 140 | 178 H7 | 165 | M10 n°8 | 11 | 4 | — | 9 | 18 | 118 | 18 | 45° | 45° | A |
| 301 L3 | V9AA | 37 | 40x36 DIN5482 | 140 | 178 H7 | 165 | M10 n°8 | 11 | 4 | — | 9 | 18 | 171 | 18 | 45° | 45° | A |
| 301 L4 | V9AA | 37 | 40x36 DIN5482 | 140 | 178 H7 | 165 | M10 n°8 | 11 | 4 | — | 9 | 18 | 224 | 18 | 45° | 45° | A |
| 301 R2-R3-R4 | V9AA | 37 | 40x36 DIN5482 | 140 | 178 H7 | 165 | M10 n°8 | 11 | 4 | — | 9 | 18 | 37 | 18 | 45° | 45° | A |

3/V 01 L3

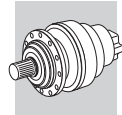


| | D1 h6 | L3 | L4 | L6 | L7 | L8 | d |
|--------------|-------|----|----|----|----|----|----|
| 3/V 01 L3_HS | 16 | 65 | 40 | 16 | 5 | 18 | M6 |

3/A 01 L2



| | D1 h6 | L3 | L4 | L6 | L7 | L8 | d |
|--------------|-------|-------|----|----|----|------|----|
| 3/A 01 L2_HS | 19 | 235.5 | 40 | 16 | 6 | 21.5 | M6 |



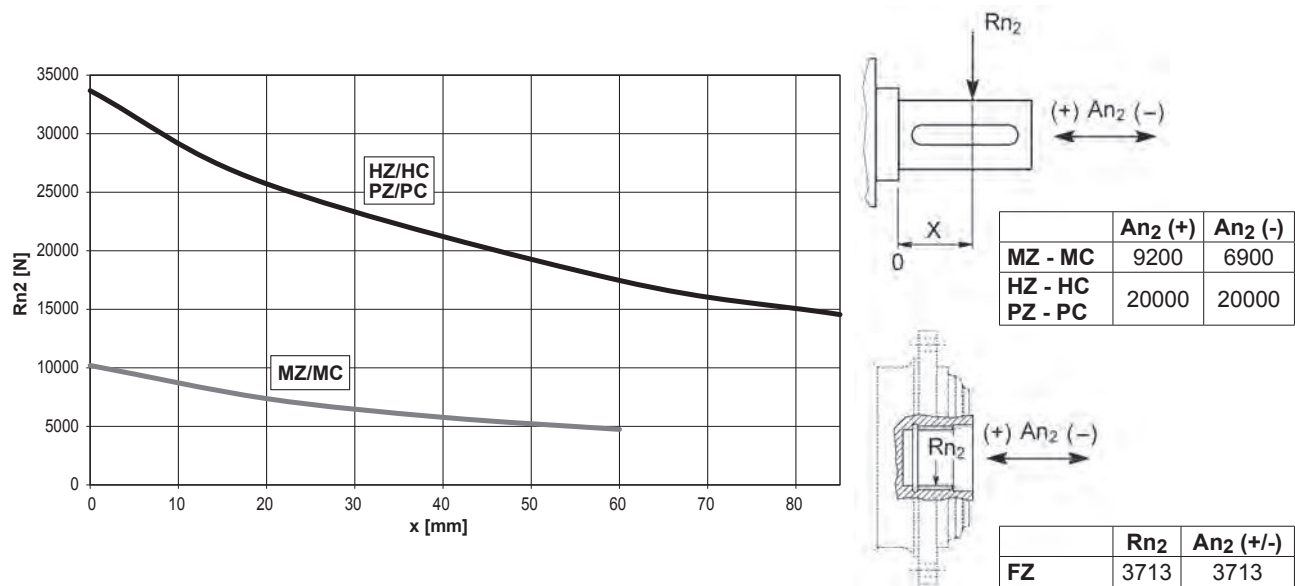
301 L

301 R

3/V 01 L3

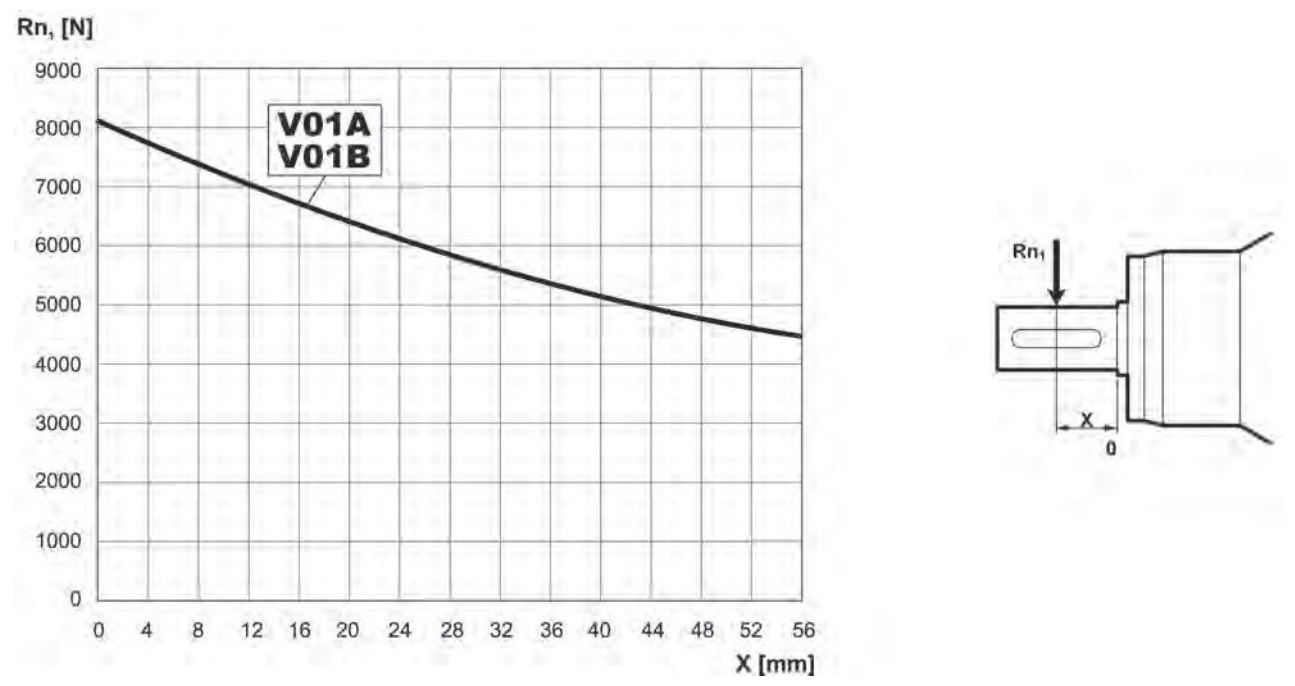
3/A 01 L2

An der Abtriebswelle zulässige Radial- und Axialkräfte für einen Wert von $F_{h2} : n_2 \times h = 100000$



| Korrekturfaktor f_{h2} für Wellenbelastungen | $F_{h2} = n_2 \cdot h$ | | 10000 | 25000 | 50000 | 100000 | 500000 | 1000000 |
|--|------------------------|---------|-------|-------|-------|--------|--------|---------|
| | f_{h2} | FZ | 2.15 | 1.59 | 1.26 | 1.00 | 0.58 | 0.46 |
| | | MZ - MC | 2.15 | 1.59 | 1.26 | 1.00 | 0.58 | 0.46 |
| HZ - HC - PZ - PC | | 1.27 | 1.27 | 1.26 | 1.00 | 0.62 | 0.50 | |

An der Antriebswelle zulässige Radiallasten für einen Wert von $F_{h1} : n_1 \times h = 250000$





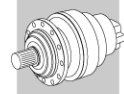
| Korrekturfaktor f_{h1} für Wellenbelastungen | $F_{h1} = n_1 \cdot h$ | 250000 | 500000 | 1000000 | 2000000 | 5000000 | 10000000 |
|--|------------------------|--------|--------|---------|---------|---------|----------|
| | f_{h1} | 1 | 0.79 | 0.63 | 0.50 | 0.37 | 0.29 |

301 L

256

2460 Nm

|  | i | M_{n2} [Nm] | | | | | | P_1 | P_t | n_1 | n_{1max} | M_b |  | M_{2max} |
|---|------|---------------|---------------|---------------|---------------|---------------|---------------|-------|-------|-------|------------|-------|---|------------|
| | | $n_2 \cdot h$ | $n_2 \cdot h$ | $n_2 \cdot h$ | $n_2 \cdot h$ | $n_2 \cdot h$ | $n_2 \cdot h$ | | | | | | | |
| L1 | 3.48 | 1490 | 1430 | 1430 | 1430 | 1430 | 1300 | 30 | 7.5 | 2000 | 4000 | 440 | 4L | 3400 |
| | 4.26 | 2460 | 2140 | 1890 | 1730 | 1580 | 1280 | 30 | 7.5 | 2000 | 4000 | 440 | 4L | 3400 |
| | 5.77 | 1720 | 1460 | 1300 | 1300 | 1300 | 1240 | 30 | 7.5 | 2000 | 4000 | 400 | 4K | 3400 |
| | 7.20 | 1150 | 1150 | 1150 | 1150 | 1150 | 940 | 30 | 7.5 | 2000 | 4000 | 260 | 4F | 3400 |




301 L



256

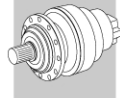
2460 Nm

| | i | M _{n2} [Nm] | | | | | | P ₁ | P _t | n ₁ | n _{1max} | M _b |  | M _{2max} |
|-----------|-----------|----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------|----------------|----------------|-------------------|----------------|---|-------------------|
| | | n ₂ ·h | n ₂ ·h | n ₂ ·h | n ₂ ·h | n ₂ ·h | n ₂ ·h | | | | | | | |
| | 1: | 10000 | 25000 | 50000 | 100000 | 500000 | 1000000 | | | | | | | |
| L1 | 9.00 | 920 | 780 | 730 | 730 | 730 | 730 | 15.8 | 7.5 | 2000 | 4000 | 260 | 4F | 3400 |
| L2 | 12.1 | 1490 | 1430 | 1430 | 1430 | 1430 | 1300 | 23.9 | 7.5 | 2000 | 4000 | 160 | 4D | 3400 |
| | 14.8 | 2460 | 2140 | 1890 | 1730 | 1580 | 1280 | 25.0 | 7.5 | 2000 | 4000 | 160 | 4D | 3400 |
| | 18.2 | 2460 | 2140 | 1890 | 1730 | 1580 | 1280 | 20.7 | 7.5 | 2000 | 4000 | 160 | 4D | 3400 |
| | 20.1 | 1720 | 1460 | 1300 | 1300 | 1300 | 1240 | 14.4 | 7.5 | 2000 | 4000 | 160 | 4D | 3400 |
| | 24.6 | 2460 | 2140 | 1890 | 1730 | 1580 | 1280 | 15.6 | 7.5 | 2000 | 4000 | 160 | 4D | 3400 |
| | 30.7 | 2000 | 2000 | 1830 | 1730 | 1580 | 1280 | 12.6 | 7.5 | 2000 | 4000 | 100 | 4B | 3400 |
| | 33.3 | 1720 | 1460 | 1300 | 1300 | 1300 | 1240 | 8.7 | 7.5 | 2000 | 4000 | 100 | 4B | 3400 |
| | 38.4 | 1600 | 1570 | 1570 | 1570 | 1530 | 1280 | 10.1 | 7.5 | 2000 | 4000 | 100 | 4B | 3400 |
| | 41.5 | 1720 | 1460 | 1300 | 1300 | 1300 | 1240 | 7.0 | 7.5 | 2000 | 4000 | 100 | 4B | 3400 |
| | 51.9 | 1720 | 1460 | 1300 | 1300 | 1300 | 1240 | 5.9 | 7.5 | 2000 | 4000 | 50 | 4A | 3400 |
| 64.8 | 1150 | 1150 | 1150 | 1150 | 1150 | 940 | 4.0 | 7.5 | 2000 | 4000 | 50 | 4A | 3400 | |
| L3 | 51.6 | 2460 | 2140 | 1890 | 1730 | 1580 | 1280 | 8.3 | 7.5 | 2000 | 4000 | 50 | 4A | 3400 |
| | 63.2 | 2460 | 2140 | 1890 | 1730 | 1580 | 1280 | 7.0 | 7.5 | 2000 | 4000 | 50 | 4A | 3400 |
| | 69.9 | 1720 | 1460 | 1300 | 1300 | 1300 | 1240 | 4.7 | 7.5 | 2000 | 4000 | 50 | 4A | 3400 |
| | 77.5 | 2460 | 2140 | 1890 | 1730 | 1580 | 1280 | 5.9 | 7.5 | 2000 | 4000 | 50 | 4A | 3400 |
| | 85.6 | 2460 | 2140 | 1890 | 1730 | 1580 | 1280 | 5.4 | 7.5 | 2000 | 4000 | 50 | 4A | 3400 |
| | 105 | 2460 | 2140 | 1890 | 1730 | 1580 | 1280 | 4.4 | 7.5 | 2000 | 4000 | 50 | 4A | 3400 |
| | 116 | 1720 | 1460 | 1300 | 1300 | 1300 | 1240 | 3.1 | 7.5 | 2000 | 4000 | 50 | 4A | 3400 |
| | 131 | 2460 | 2140 | 1890 | 1730 | 1580 | 1280 | 3.5 | 7.5 | 2000 | 4000 | 50 | 4A | 3400 |
| | 142 | 2460 | 2140 | 1890 | 1730 | 1580 | 1280 | 3.2 | 7.5 | 2000 | 4000 | 50 | 4A | 3400 |
| | 177 | 2460 | 2140 | 1890 | 1730 | 1580 | 1280 | 2.6 | 7.5 | 2000 | 4000 | 50 | 4A | 3400 |
| | 192 | 1720 | 1460 | 1300 | 1300 | 1300 | 1240 | 2.0 | 7.5 | 2000 | 4000 | 50 | 4A | 3400 |
| | 221 | 2000 | 2000 | 1830 | 1730 | 1580 | 1280 | 2.1 | 7.5 | 2000 | 4000 | 50 | 4A | 3400 |
| | 240 | 1720 | 1460 | 1300 | 1300 | 1300 | 1240 | 1.6 | 7.5 | 2000 | 4000 | 50 | 4A | 3400 |
| | 299 | 1720 | 1460 | 1300 | 1300 | 1300 | 1240 | 1.3 | 7.5 | 2000 | 4000 | 50 | 4A | 3400 |
| | 374 | 1720 | 1460 | 1300 | 1300 | 1300 | 1240 | 1.0 | 7.5 | 2000 | 4000 | 50 | 4A | 3400 |
| | L4 | 330 | 2460 | 2140 | 1890 | 1730 | 1580 | 1280 | 1.4 | 6 | 2000 | 4000 | 50 | 4A |
| 403 | | 1720 | 1460 | 1300 | 1300 | 1300 | 1240 | 1.00 | 6 | 2000 | 4000 | 50 | 4A | 3400 |
| 447 | | 2460 | 2140 | 1890 | 1730 | 1580 | 1280 | 1.06 | 6 | 2000 | 4000 | 50 | 4A | 3400 |
| 494 | | 2460 | 2140 | 1890 | 1730 | 1580 | 1280 | 0.96 | 6 | 2000 | 4000 | 50 | 4A | 3400 |
| 558 | | 2460 | 2140 | 1890 | 1730 | 1580 | 1280 | 0.85 | 6 | 2000 | 4000 | 50 | 4A | 3400 |
| 616 | | 2460 | 2140 | 1890 | 1730 | 1580 | 1280 | 0.77 | 6 | 2000 | 4000 | 50 | 4A | 3400 |
| 755 | | 2460 | 2140 | 1890 | 1730 | 1580 | 1280 | 0.63 | 6 | 2000 | 4000 | 50 | 4A | 3400 |
| 819 | | 2460 | 2140 | 1890 | 1730 | 1580 | 1280 | 0.58 | 6 | 2000 | 4000 | 50 | 4A | 3400 |
| 942 | | 2460 | 2140 | 1890 | 1730 | 1580 | 1280 | 0.50 | 6 | 2000 | 4000 | 50 | 4A | 3400 |
| 1022 | | 2460 | 2140 | 1890 | 1730 | 1580 | 1280 | 0.46 | 6 | 2000 | 4000 | 50 | 4A | 3400 |
| 1108 | | 1720 | 1460 | 1300 | 1300 | 1300 | 1240 | 0.36 | 6 | 2000 | 4000 | 50 | 4A | 3400 |
| 1275 | | 2460 | 2140 | 1890 | 1730 | 1580 | 1280 | 0.37 | 6 | 2000 | 4000 | 50 | 4A | 3400 |
| 1383 | | 1720 | 1460 | 1300 | 1300 | 1300 | 1240 | 0.29 | 6 | 2000 | 4000 | 50 | 4A | 3400 |
| 1591 | | 2000 | 2000 | 1830 | 1730 | 1580 | 1280 | 0.30 | 6 | 2000 | 4000 | 50 | 4A | 3400 |
| 1725 | | 1720 | 1460 | 1300 | 1300 | 1300 | 1240 | 0.23 | 6 | 2000 | 4000 | 50 | 4A | 3400 |
| 2153 | | 1720 | 1460 | 1300 | 1300 | 1300 | 1240 | 0.19 | 6 | 2000 | 4000 | 50 | 4A | 3400 |
| 2692 | 1720 | 1460 | 1300 | 1300 | 1300 | 1240 | 0.15 | 6 | 2000 | 4000 | 50 | 4A | 3400 | |





| | i | M _{n2} [Nm] | | | | | | P ₁ | Pt | n ₁ | n _{1max} | M _b | | M _{2max} |
|-----------|------|----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------|----|----------------|-------------------|----------------|----|-------------------|
| | | n ₂ ·h | n ₂ ·h | n ₂ ·h | n ₂ ·h | n ₂ ·h | n ₂ ·h | | | | | | | |
| | 1: | 10000 | 25000 | 50000 | 100000 | 500000 | 1000000 | | | | | | | |
| R2 | 7.13 | 1490 | 1430 | 1430 | 1430 | 1430 | 1300 | 15.0 | 12 | 2000 | 4000 | 260 | 4F | 3200 |
| | 8.74 | 2060 | 2060 | 1890 | 1730 | 1580 | 1280 | 15.0 | 12 | 2000 | 4000 | 330 | 4H | 3200 |
| | 11.8 | 1720 | 1460 | 1300 | 1300 | 1300 | 1240 | 15.0 | 12 | 2000 | 4000 | 260 | 4F | 3200 |
| | 14.8 | 1150 | 1150 | 1150 | 1150 | 1150 | 940 | 15.0 | 12 | 2000 | 4000 | 160 | 4D | 3200 |
| | 18.5 | 920 | 780 | 740 | 740 | 740 | 740 | 8.0 | 12 | 2000 | 4000 | 160 | 4D | 3200 |
| R3 | 24.8 | 1490 | 1430 | 1430 | 1430 | 1430 | 1300 | 12.4 | 12 | 2000 | 4000 | 100 | 4B | 3400 |
| | 30.4 | 2460 | 2140 | 1900 | 1730 | 1580 | 1280 | 13.1 | 12 | 2000 | 4000 | 100 | 4B | 3400 |
| | 37.3 | 2460 | 2140 | 1900 | 1730 | 1580 | 1280 | 10.8 | 12 | 2000 | 4000 | 100 | 4B | 3400 |
| | 41.2 | 1720 | 1460 | 1300 | 1300 | 1300 | 1240 | 7.3 | 12 | 2000 | 4000 | 100 | 4B | 3400 |
| | 50.4 | 2460 | 2140 | 1900 | 1730 | 1580 | 1280 | 8.4 | 12 | 2000 | 4000 | 100 | 4B | 3400 |
| | 62.9 | 2000 | 2000 | 1830 | 1730 | 1580 | 1280 | 7.0 | 12 | 2000 | 4000 | 50 | 4A | 3400 |
| | 68.2 | 1720 | 1460 | 1300 | 1300 | 1300 | 1240 | 4.8 | 12 | 2000 | 4000 | 50 | 4A | 3400 |
| | 78.7 | 1600 | 1600 | 1600 | 1600 | 1530 | 1280 | 5.8 | 12 | 2000 | 4000 | 50 | 4A | 3400 |
| | 85.2 | 1720 | 1460 | 1300 | 1300 | 1300 | 1240 | 4.0 | 12 | 2000 | 4000 | 50 | 4A | 3400 |
| | 106 | 1720 | 1460 | 1300 | 1300 | 1300 | 1240 | 3.3 | 12 | 2000 | 4000 | 50 | 4A | 3400 |
| | 133 | 1150 | 1150 | 1150 | 1150 | 1150 | 940 | 2.0 | 12 | 2000 | 4000 | 50 | 4A | 3400 |
| R4 | 106 | 2460 | 2140 | 1900 | 1730 | 1580 | 1280 | 4.5 | 10 | 2000 | 4000 | 50 | 4A | 3400 |
| | 130 | 2460 | 2140 | 1900 | 1730 | 1580 | 1280 | 3.6 | 10 | 2000 | 4000 | 50 | 4A | 3400 |
| | 143 | 1720 | 1460 | 1300 | 1300 | 1300 | 1240 | 2.7 | 10 | 2000 | 4000 | 50 | 4A | 3400 |
| | 159 | 2460 | 2140 | 1900 | 1730 | 1580 | 1280 | 3.0 | 10 | 2000 | 4000 | 50 | 4A | 3400 |

**301 R**

258

2060 Nm

| | i | M_{n2} [Nm] | | | | | | P_1 | P_t | n_1 | n_{1max} | M_b | | M_{2max} |
|-----------|-----|---------------|---------------|---------------|---------------|---------------|---------------|-------|-------|-------|------------|-------|----|------------|
| | | $n_2 \cdot h$ | $n_2 \cdot h$ | $n_2 \cdot h$ | $n_2 \cdot h$ | $n_2 \cdot h$ | $n_2 \cdot h$ | | | | | | | |
| R4 | 175 | 2460 | 2140 | 1900 | 1730 | 1580 | 1280 | 2.7 | 10 | 2000 | 4000 | 50 | 4A | 3400 |
| | 215 | 2460 | 2140 | 1900 | 1730 | 1580 | 1280 | 2.2 | 10 | 2000 | 4000 | 50 | 4A | 3400 |
| | 237 | 1720 | 1460 | 1300 | 1300 | 1300 | 1240 | 1.7 | 10 | 2000 | 4000 | 50 | 4A | 3400 |
| | 268 | 2460 | 2140 | 1900 | 1730 | 1580 | 1280 | 1.8 | 10 | 2000 | 4000 | 50 | 4A | 3400 |
| | 291 | 2460 | 2140 | 1900 | 1730 | 1580 | 1280 | 1.6 | 10 | 2000 | 4000 | 50 | 4A | 3400 |
| | 363 | 2460 | 2140 | 1900 | 1730 | 1580 | 1280 | 1.3 | 10 | 2000 | 4000 | 50 | 4A | 3400 |
| | 394 | 1720 | 1460 | 1300 | 1300 | 1300 | 1240 | 1.0 | 10 | 2000 | 4000 | 50 | 4A | 3400 |
| | 453 | 2000 | 2000 | 1830 | 1730 | 1580 | 1280 | 1.0 | 10 | 2000 | 4000 | 50 | 4A | 3400 |
| | 491 | 1720 | 1460 | 1300 | 1300 | 1300 | 1240 | 0.82 | 10 | 2000 | 4000 | 50 | 4A | 3400 |
| | 613 | 1720 | 1460 | 1300 | 1300 | 1300 | 1240 | 0.66 | 10 | 2000 | 4000 | 50 | 4A | 3400 |
| | 766 | 1720 | 1460 | 1300 | 1300 | 1300 | 1240 | 0.52 | 10 | 2000 | 4000 | 50 | 4A | 3400 |