

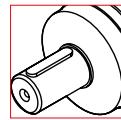
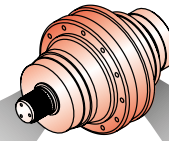


CHPL

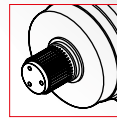
| | | |
|-------------|----------------|--------------------|
| | i | |
| 1001 | 3.56 ÷ 8.67 | 1 reduction stage |
| 1002 | 12.6 ÷ 58.5 | 2 reduction stages |
| 1003 | 54.2 ÷ 394.9 | 3 reduction stages |
| 1004 | 337.4 ÷ 3422.2 | 4 reduction stages |

OUT

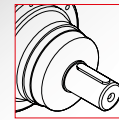
IN



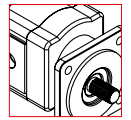
Ø42
Ø38 Ø50



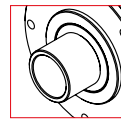
40x36
DIN 5482



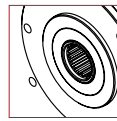
Ø42



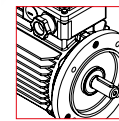
Hydraulic
Motor



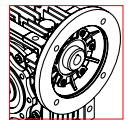
Ø50



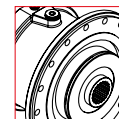
40x36
DIN 5482



Electric
Motor



Worm
gearboxes



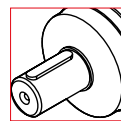
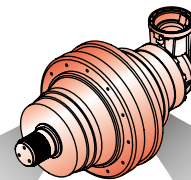
Brake

CHPLB

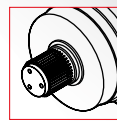
| | | |
|-------------|----------------|--------------------|
| | i | |
| 1002 | 10.4 ÷ 19.8 | 2 reduction stages |
| 1003 | 37.1 ÷ 171.6 | 3 reduction stages |
| 1004 | 131.8 ÷ 1487.2 | 4 reduction stages |

OUT

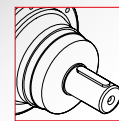
IN



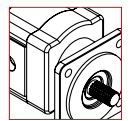
Ø42
Ø38 Ø50



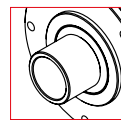
40x36
DIN 5482



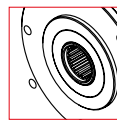
Ø42



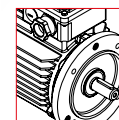
Hydraulic
Motor



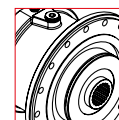
Ø50



40x36
DIN 5482

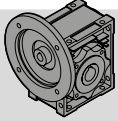



Electric
Motor



Brake

DATI TECNICI · TECHNICAL DATA

| CHPL | i | T _{2n} (n ₁ = 1400 rpm) 10.000h FS=1 [Nm] | P _{1n} (n ₁ = 1400 rpm) 10.000h FS=1 [kW] | T ₂ Max [Nm] | P _t 1400 rpm [kW] | IEC | |  CHM |  CM |
|--------|--------|--|--|----------------------------|------------------------------------|------------------------|------------------------|--|---|
| | | | | | | (B5) | | | |
| 1001 | 3.56 | 458 | 19.5 | 2240 | 12 | 63 80 100 132 | 71 90 112 160 | CHM 50 CHM 63 CHM 75 | CM42 |
| | 4.29 | 465 | 16.5 | 2240 | | | | | |
| | 5.6 | 368 | 10 | 1640 | | | | | |
| | 6.75 | 319 | 7.2 | 1420 | | | | | |
| | 8.67 | 214 | 3.74 | 920 | | | | | |
| 1002 | 12.6 | 576 | 7.2 | 2240 | 8 | 63 80 100 132 | 71 90 112 | CHM 50 CHM 63 CHM 75 | CM42 |
| | 15.2 | 594 | 6.16 | 2240 | | | | | |
| | 19.9 | 612 | 4.84 | 2240 | | | | | |
| | 24 | 641 | 4.2 | 2240 | | | | | |
| | 28.9 | 660 | 3.6 | 2240 | | | | | |
| | 31.4 | 482 | 2.42 | 1640 | | | | | |
| | 37.8 | 504 | 2.1 | 1640 | | | | | |
| | 45.6 | 461 | 1.6 | 1420 | | | | | |
| 1003 | 54.2 | 722 | 2.18 | 2240 | 5 | 63 80 100 132 | 71 90 112 | CHM 50 CHM 63 CHM 75 | CM42 |
| | 65.3 | 750 | 1.88 | 2240 | | | | | |
| | 70.8 | 750 | 1.73 | 2240 | | | | | |
| | 78.7 | 795 | 1.65 | 2240 | | | | | |
| | 85.3 | 806 | 1.54 | 2240 | | | | | |
| | 102.9 | 833 | 1.32 | 2240 | | | | | |
| | 111.5 | 827 | 1.21 | 2240 | | | | | |
| | 134.4 | 854 | 1.04 | 2240 | | | | | |
| | 162 | 881 | 0.89 | 2240 | | | | | |
| | 172.6 | 899 | 0.85 | 2240 | | | | | |
| | 208 | 925 | 0.73 | 2240 | | | | | |
| | 211.7 | 679 | 0.52 | 1640 | | | | | |
| | 255.2 | 705 | 0.45 | 1640 | | | | | |
| | 271.8 | 690 | 0.41 | 1640 | | | | | |
| | 307.5 | 633 | 0.34 | 1420 | | | | | |
| | 327.6 | 723 | 0.36 | 1640 | | | | | |
| 394.9 | 638 | 0.26 | 1420 | | | | | | |
| 1004 | 337.4 | 1005 | 0.50 | 2240 | 1.5 | 63 80 | 71 90 | CHM 50 CHM 63 CHM 75 | CM42 |
| | 365.7 | 1011 | 0.47 | 2240 | | | | | |
| | 396.4 | 1013 | 0.43 | 2240 | | | | | |
| | 440.8 | 1032 | 0.40 | 2240 | | | | | |
| | 477.9 | 1069 | 0.38 | 2240 | | | | | |
| | 531.3 | 1094 | 0.35 | 2240 | | | | | |
| | 576 | 1105 | 0.32 | 2240 | | | | | |
| | 624.4 | 1108 | 0.30 | 2240 | | | | | |
| | 694.3 | 1134 | 0.28 | 2240 | | | | | |
| | 752.6 | 1122 | 0.25 | 2240 | | | | | |
| | 836.9 | 1188 | 0.24 | 2240 | | | | | |
| | 907.2 | 1224 | 0.23 | 2240 | | | | | |
| | 966.3 | 1235 | 0.22 | 2240 | | | | | |
| | 1093.5 | 1242 | 0.19 | 2240 | | | | | |
| | 1144.5 | 1218 | 0.18 | 2240 | | | | | |
| | 1185.4 | 926 | 0.13 | 1640 | | | | | |
| | 1318.1 | 1311 | 0.17 | 2240 | | | | | |
| | 1428.8 | 913 | 0.11 | 1640 | | | | | |
| 1692.3 | 1322 | 0.14 | 2240 | | | | | | |
| 3422.2 | 923 | 0.05 | 1420 | | | | | | |

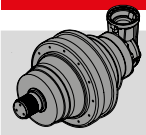
n_{1max} = 2800 rpm

per ulteriori rapporti consultare l'ufficio tecnico

for information consult the technical office



DATI TECNICI · TECHNICAL DATA



| CHPLB | i | T _{2n} (n ₁ = 1400 rpm) 10.000h FS=1 [Nm] | P _{1n} (n ₁ = 1400 rpm) 10.000h FS=1 [kW] | T ₂ Max [Nm] | P _t 1400 rpm [kW] | IEC (B5) | | CM |
|-------------|--------|--|--|----------------------------|------------------------------------|-------------|-----|------|
| 1002 | 10.4 | 554 | 8.40 | 2240 | 8 | 63 | 71 | CM42 |
| | 12.6 | 576 | 7.20 | 2240 | | 80 | 90 | |
| | 16.4 | 437 | 4.20 | 1640 | | 100 | 112 | |
| | 19.8 | 386 | 3.08 | 1420 | | 132 | | |
| 1003 | 37.1 | 700 | 3.08 | 2240 | 5 | 63 | 71 | CM42 |
| | 44.7 | 722 | 2.64 | 2240 | | 80 | 90 | |
| | 53.9 | 744 | 2.25 | 2240 | | 100 | 112 | |
| | 58.4 | 750 | 2.10 | 2240 | | 132 | | |
| | 70.4 | 778 | 1.80 | 2240 | | | | |
| | 84.9 | 801 | 1.54 | 2240 | | | | |
| | 92 | 585 | 1.04 | 1640 | | | | |
| | 110.9 | 605 | 0.89 | 1640 | | | | |
| | 133.6 | 545 | 0.67 | 1420 | | | | |
| | 171.6 | 567 | 0.54 | 1420 | | | | |
| 1004 | 131.8 | 864 | 1.11 | 2240 | 1.5 | 63 | 71 | CM42 |
| | 158.9 | 870 | 0.93 | 2240 | | 80 | 90 | |
| | 191.6 | 922 | 0.81 | 2240 | | | | |
| | 207.7 | 921 | 0.75 | 2240 | | | | |
| | 230.9 | 955 | 0.70 | 2240 | | | | |
| | 301.7 | 981 | 0.55 | 2240 | | | | |
| | 327.1 | 974 | 0.50 | 2240 | | | | |
| | 363.7 | 1006 | 0.47 | 2240 | | | | |
| | 394.2 | 1008 | 0.43 | 2240 | | | | |
| | 475.2 | 1063 | 0.38 | 2240 | | | | |
| | 515.1 | 805 | 0.26 | 1640 | | | | |
| | 572.8 | 1099 | 0.32 | 2240 | | | | |
| | 610.1 | 1126 | 0.31 | 2240 | | | | |
| | 735.4 | 1149 | 0.26 | 2240 | | | | |
| | 797.2 | 849 | 0.18 | 1640 | | | | |
| | 960.9 | 887 | 0.16 | 1640 | | | | |
| | 1158.3 | 822 | 0.12 | 1420 | | | | |
| | 1233.8 | 876 | 0.12 | 1640 | | | | |
| 1487.2 | 845 | 0.09 | 1420 | | | | | |

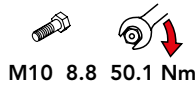
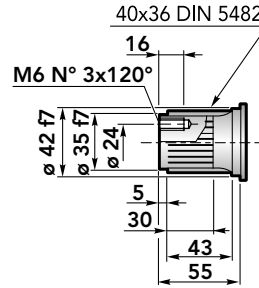
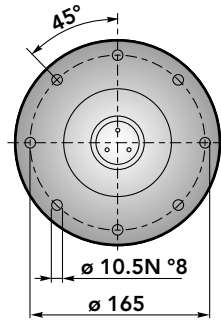
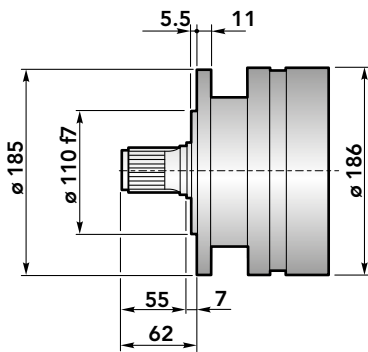
CHPLB 1000

n_{1max} = 2800 rpm

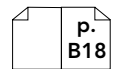
per ulteriori rapporti consultare l'ufficio tecnico

for information consult the technical office

DIMENSIONI · DIMENSIONS



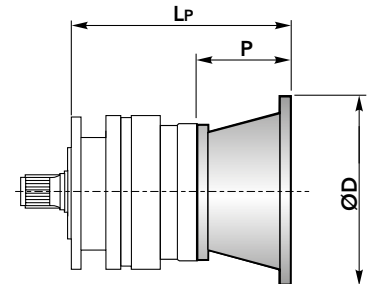
Accessori
Accessories



CHPL 1000 CMS - Flange motori IEC | IEC Motor flanges

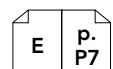
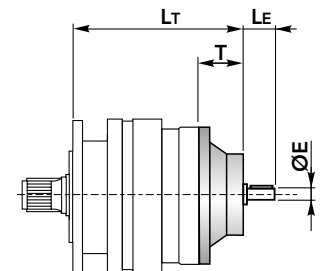
| CHPL | IEC 63 | | | IEC 71 | | | IEC 80 | | | IEC 90 | | |
|------|--------|----|-----|--------|----|-----|--------|----|-----|--------|----|-----|
| | Lp | P | ØD | Lp | P | ØD | Lp | P | ØD | Lp | P | ØD |
| 1001 | 140 | | | 140 | | | 160 | | | 160 | | |
| 1002 | 188 | 36 | 140 | 188 | 36 | 160 | 208 | 56 | 200 | 208 | 56 | 200 |
| 1003 | 236 | | | 236 | | | 256 | | | 256 | | |
| 1004 | 284 | | | 284 | | | 304 | | | 304 | | |
| | | | | | | | | | | | | |

| CHPL | IEC 100 | | | IEC 112 | | | IEC 132 | | | IEC 160 | | |
|------|---------|----|-----|---------|----|-----|---------|-----|-----|---------|-----|-----|
| | Lp | P | ØD | Lp | P | ØD | Lp | P | ØD | Lp | P | ØD |
| 1001 | 170 | | | 170 | | | 204 | | | 243 | 139 | 350 |
| 1002 | 218 | 66 | 250 | 218 | 66 | 250 | 252 | 100 | 300 | - | | |
| 1003 | 266 | | | 266 | | | 300 | | | - | | |
| 1004 | - | | | - | | | - | | | - | | |



CHPL 1000 CMS - Alberi maschi entrata | Male input shafts

| CHPL | CM42 | | | |
|------|------|----|----|-------|
| | Lt | T | LE | ØE |
| 1001 | 197 | | | |
| 1002 | 245 | 93 | 82 | 42 h6 |
| 1003 | 293 | | | |
| 1004 | 341 | | | |



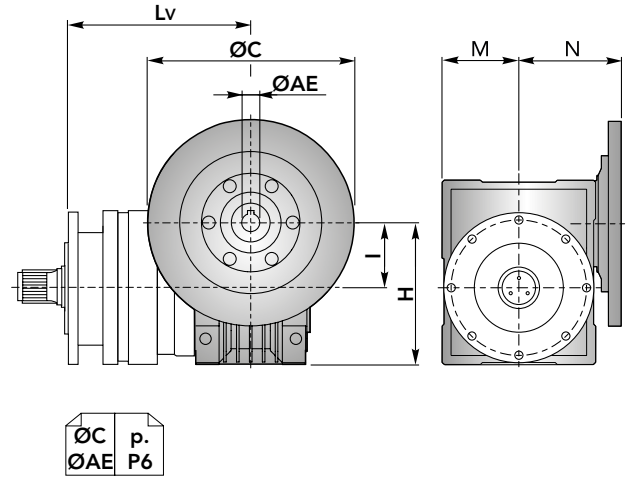


DIMENSIONI · DIMENSIONS

CHPL 1000 CMS - Riduttore a vite senza fine CHM in entrata | *CHM input worm gearboxes*

| CHPL | CHM 50 | | | | | CHM 63 | | | | |
|------|--------|----|-----|----|----|--------|----|-----|----|----|
| | Lv | I | H | M | N | Lv | I | H | M | N |
| 1001 | 229.5 | 50 | 110 | 60 | 80 | 239 | 63 | 135 | 72 | 95 |
| 1002 | 277.5 | | | | | 287 | | | | |
| 1003 | 325.5 | | | | | 335 | | | | |
| 1004 | 373.5 | | | | | 383 | | | | |

| CHPL | CHM 75 | | | | |
|------|--------|----|-----|----|-------|
| | Lv | I | H | M | N |
| 1001 | 218 | 75 | 161 | 86 | 112.5 |
| 1002 | 266 | | | | |
| 1004 | 314 | | | | |
| 1004 | 362 | | | | |

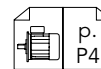
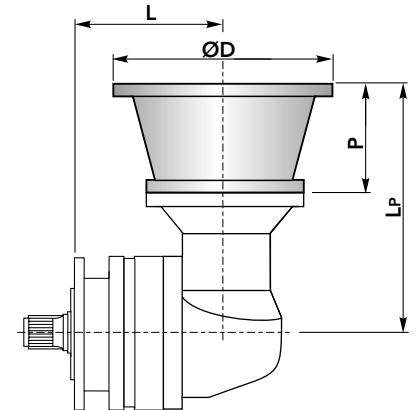


CHPL / CHPLB 1000 CMS

CHPLB 1000 CMS - Flange motori IEC | *IEC Motor flanges*

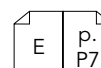
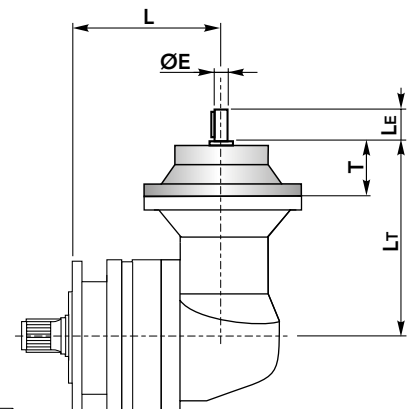
| CHPLB | IEC 63 | | | | IEC 71 | | | | IEC 80 | | | | IEC 90 | | | | |
|-------|--------|-----|----|-----|--------|-----|----|-----|--------|-----|----|-----|--------|-----|----|-----|--|
| | L | LP | P | ØD | L | LP | P | ØD | L | LP | P | ØD | L | LP | P | ØD | |
| 1002 | 179 | | | | 179 | | | | 179 | | | | 179 | | | | |
| 1003 | 227 | 196 | 36 | 140 | 227 | 196 | 36 | 160 | 227 | 216 | 56 | 200 | 227 | 216 | 56 | 200 | |
| 1004 | 275 | | | | 275 | | | | 275 | | | | 275 | | | | |

| CHPLB | IEC 100 | | | | IEC 112 | | | | IEC 132 | | | |
|-------|---------|-----|----|-----|---------|-----|----|-----|---------|-----|-----|-----|
| | L | LP | P | ØD | L | LP | P | ØD | L | LP | P | ØD |
| 1002 | 179 | | | | 179 | | | | 179 | | | |
| 1003 | 227 | 226 | 66 | 250 | 227 | 226 | 66 | 250 | 227 | 260 | 100 | 300 |
| 1004 | | | | | | | | | | | | |

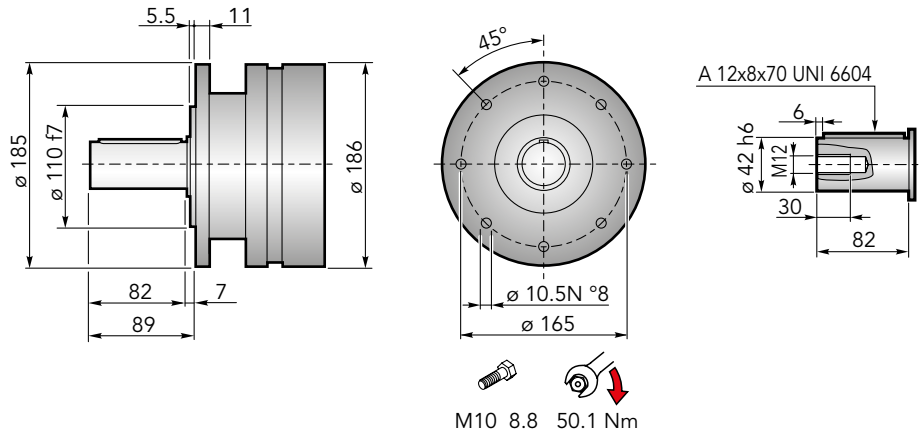


CHPLB 1000 CMS - Alberi maschi entrata | *Male input shafts*

| CHPLB | CM42 | | | | |
|-------|------|-----|----|----|-------|
| | L | Lt | T | Le | ØE |
| 1002 | 179 | | | | |
| 1003 | 227 | 253 | 93 | 82 | 42 h6 |
| 1004 | 275 | | | | |



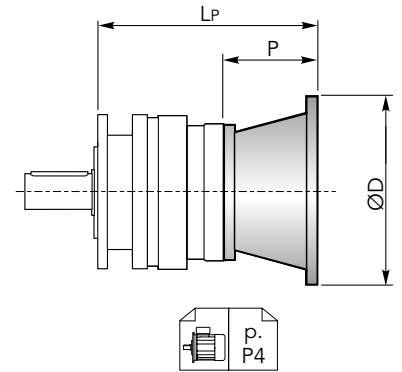
DIMENSIONI · DIMENSIONS



CHPL 1000 CMC - Flange motori IEC | IEC Motor flanges

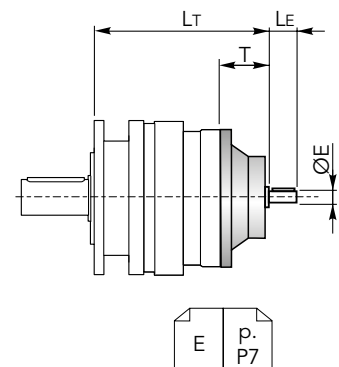
| CHPL | IEC 63 | | | IEC 71 | | | IEC 80 | | | IEC 90 | | |
|------|--------|----|-----|--------|----|-----|--------|----|-----|--------|----|-----|
| | LP | P | ØD | LP | P | ØD | LP | P | ØD | LP | P | ØD |
| 1001 | 140 | 36 | 140 | 140 | 36 | 160 | 160 | 56 | 200 | 160 | 56 | 200 |
| 1002 | 188 | | | 188 | | | 208 | | | 208 | | |
| 1003 | 236 | | | 236 | | | 256 | | | 256 | | |
| 1004 | 284 | | | 284 | | | 304 | | | 304 | | |

| CHPL | IEC 100 | | | IEC 112 | | | IEC 132 | | | IEC 160 | | |
|------|---------|----|-----|---------|----|-----|---------|-----|-----|---------|-----|-----|
| | LP | P | ØD | LP | P | ØD | LP | P | ØD | LP | P | ØD |
| 1001 | 170 | 66 | 250 | 170 | 66 | 250 | 204 | 100 | 300 | 243 | 139 | 350 |
| 1002 | 218 | | | 218 | | | 252 | | | - | | |
| 1003 | 266 | | | 266 | | | 300 | | | - | | |
| 1004 | - | | | - | | | - | | | - | | |



CHPL 1000 CMC - Alberi maschi entrata | Male input shafts

| CHPL | CM42 | | | |
|------|------|----|----|-------|
| | LT | T | LE | ØE |
| 1001 | 197 | 93 | 82 | 42 h6 |
| 1002 | 245 | | | |
| 1003 | 293 | | | |
| 1004 | 341 | | | |



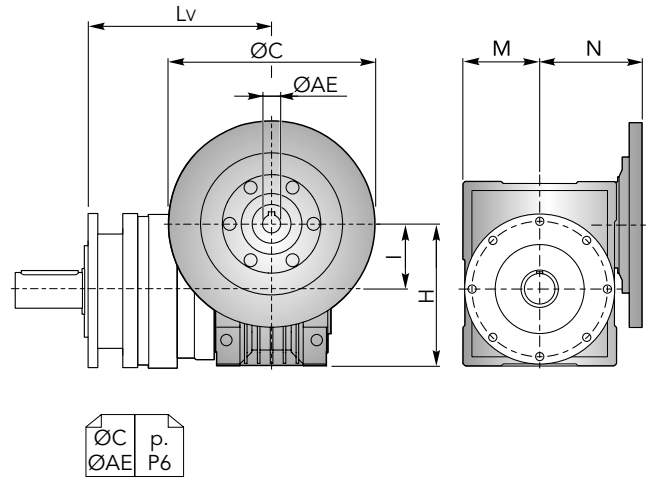


DIMENSIONI · DIMENSIONS

CHPL 1000 CMC - Riduttore a vite senza fine CHM in entrata | *CHM input worm gearboxes*

| CHPL | CHM 50 | | | | | CHM 63 | | | | |
|------|--------|----|-----|----|----|--------|----|-----|----|----|
| | Lv | I | H | M | N | Lv | I | H | M | N |
| 1001 | 229.5 | 50 | 110 | 60 | 80 | 239 | 63 | 135 | 72 | 95 |
| 1002 | 277.5 | | | | | 287 | | | | |
| 1003 | 325.5 | | | | | 335 | | | | |
| 1004 | 373.5 | | | | | 383 | | | | |

| CHPL | CHM 75 | | | | |
|------|--------|----|-----|----|-------|
| | Lv | I | H | M | N |
| 1001 | 218 | 75 | 161 | 86 | 112.5 |
| 1002 | 266 | | | | |
| 1004 | 314 | | | | |
| 1004 | 362 | | | | |

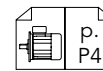
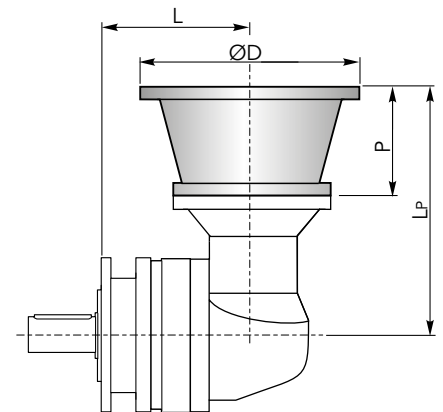


CHPL / CHPLB 1000 CMC

CHPLB 1000 CMC - Flange motori IEC | *IEC Motor flanges*

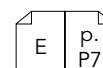
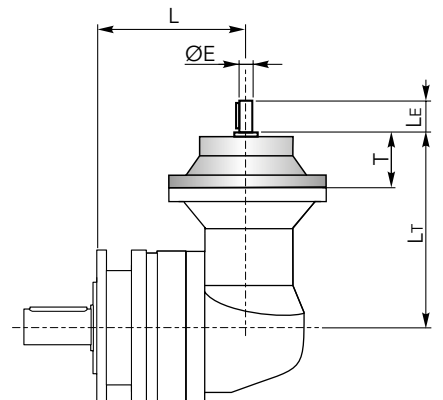
| CHPLB | IEC 63 | | | | IEC 71 | | | | IEC 80 | | | | IEC 90 | | | | |
|-------|--------|-----|----|-----|--------|-----|----|-----|--------|-----|----|-----|--------|-----|----|-----|-----|
| | L | LP | P | ØD | L | LP | P | ØD | L | LP | P | ØD | L | LP | P | ØD | |
| 1002 | 179 | | | | 179 | | | | 179 | | | | 179 | | | | 179 |
| 1003 | 227 | 196 | 36 | 140 | 227 | 196 | 36 | 160 | 227 | 216 | 56 | 200 | 227 | 216 | 56 | 200 | 227 |
| 1004 | 275 | | | | 275 | | | | 275 | | | | 275 | | | | 275 |

| CHPLB | IEC 100 | | | | IEC 112 | | | | IEC 132 | | | | |
|-------|---------|-----|----|-----|---------|-----|----|-----|---------|-----|-----|-----|-----|
| | L | LP | P | ØD | L | LP | P | ØD | L | LP | P | ØD | |
| 1002 | 179 | | | | 179 | | | | 179 | | | | 179 |
| 1003 | 227 | 226 | 66 | 250 | 227 | 226 | 66 | 250 | 227 | 260 | 100 | 300 | 227 |
| 1004 | | | | | | | | | | | | | |

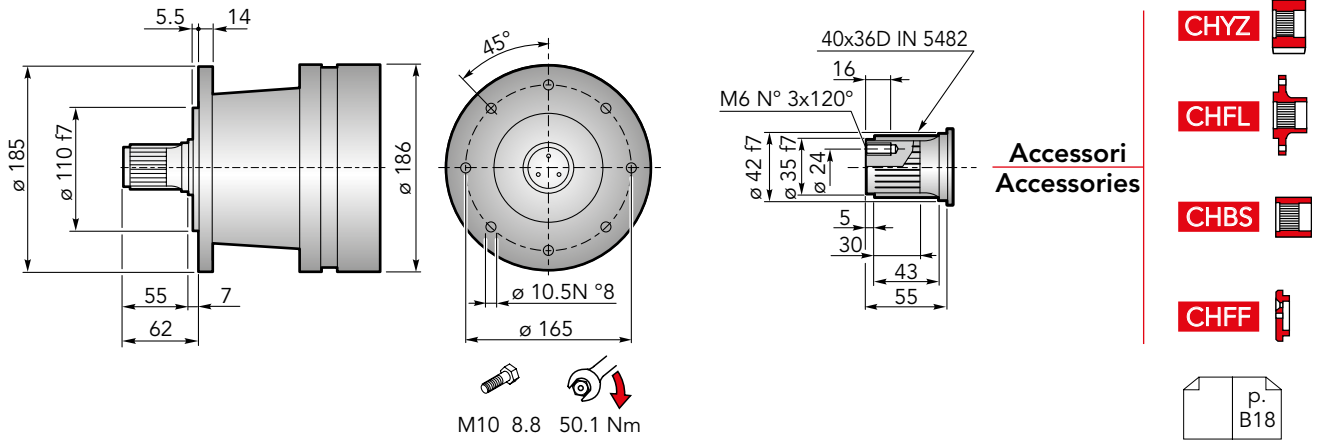


CHPLB 1000 CMC - Alberi maschi entrata | *Male input shafts*

| CHPLB | CM42 | | | | |
|-------|------|----------------|----|----------------|-------|
| | L | L _T | T | L _E | ØE |
| 1002 | 179 | | | | |
| 1003 | 227 | 253 | 93 | 82 | 42 h6 |
| 1004 | 275 | | | | |



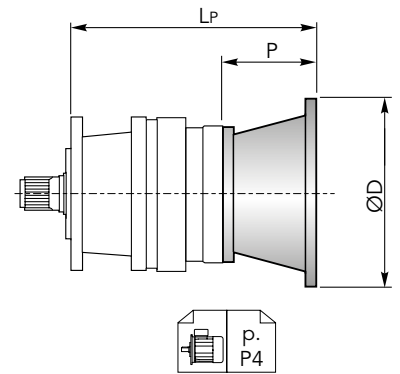
DIMENSIONI · DIMENSIONS



CHPL 1000 CPS - Flange motori IEC | IEC Motor flanges

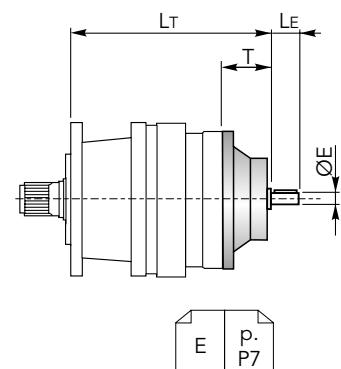
| CHPL | IEC 63 | | | IEC 71 | | | IEC 80 | | | IEC 90 | | |
|------|--------|----|-----|--------|----|-----|--------|----|-----|--------|----|-----|
| | LP | P | ØD | LP | P | ØD | LP | P | ØD | LP | P | ØD |
| 1001 | 170 | 36 | 140 | 170 | 36 | 160 | 190 | 56 | 200 | 190 | 56 | 200 |
| 1002 | 218 | | | 218 | | | | | | 238 | | |
| 1003 | 266 | | | 266 | | | | | | 286 | | |
| 1004 | 314 | | | 314 | | | | | | 334 | | |

| CHPL | IEC 100 | | | IEC 112 | | | IEC 132 | | | IEC 160 | | |
|------|---------|----|-----|---------|----|-----|---------|-----|-----|---------|-----|-----|
| | LP | P | ØD | LP | P | ØD | LP | P | ØD | LP | P | ØD |
| 1001 | 200 | 66 | 250 | 200 | 66 | 250 | 234 | 100 | 300 | 273 | 139 | 350 |
| 1002 | 248 | | | 248 | | | 282 | | | - | | |
| 1003 | 296 | | | 296 | | | 330 | | | - | | |
| 1004 | - | | | - | | | - | | | - | | |



CHPL 1000 CPS - Alberi maschi entrata | Male input shafts

| CHPL | CM42 | | | |
|------|------|----|----|-------|
| | LT | T | LE | ØE |
| 1001 | 227 | 93 | 82 | 42 h6 |
| 1002 | 275 | | | |
| 1003 | 323 | | | |
| 1004 | 371 | | | |



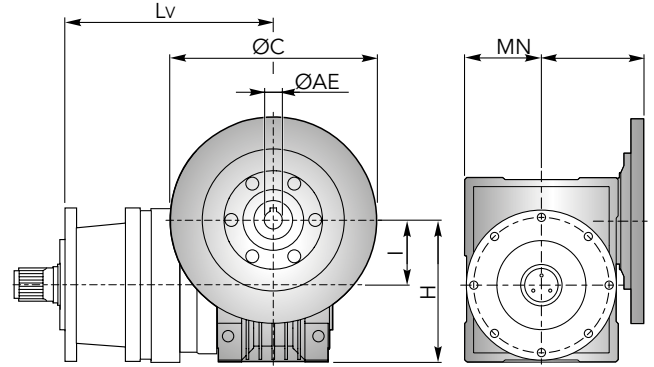


DIMENSIONI · DIMENSIONS

CHPL 1000 CPS - Riduttore a vite senza fine CHM in entrata | *CHM input worm gearboxes*

| CHPL | CHM 50 | | | | | CHM 63 | | | | |
|------|--------|----|-----|----|----|--------|----|-----|----|----|
| | Lv | I | H | M | N | Lv | I | H | M | N |
| 1001 | 259.5 | 50 | 110 | 60 | 80 | 269 | 63 | 135 | 72 | 95 |
| 1002 | 307.5 | | | | | 317 | | | | |
| 1003 | 355.5 | | | | | 365 | | | | |
| 1004 | 403.5 | | | | | 413 | | | | |

| CHPL | CHM 75 | | | | |
|------|--------|----|-----|----|-------|
| | Lv | I | H | M | N |
| 1001 | 248 | 75 | 161 | 86 | 112.5 |
| 1002 | 296 | | | | |
| 1003 | 344 | | | | |
| 1004 | 392 | | | | |

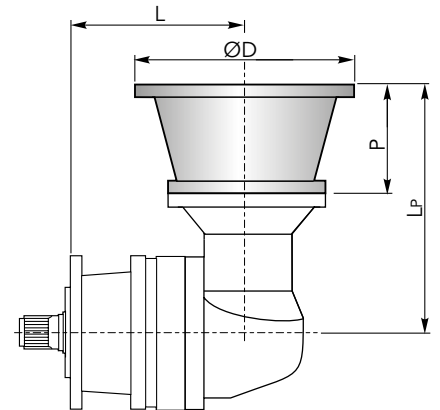


$\begin{matrix} \text{ØC} & \text{p.} \\ \text{ØAE} & \text{P6} \end{matrix}$

CHPLB 1000 CPS - Flange motori IEC | *IEC Motor flanges*

| CHPLB | IEC 63 | | | | IEC 71 | | | | IEC 80 | | | | IEC 90 | | | | |
|-------|--------|-----|----|-----|--------|-----|----|-----|--------|-----|----|-----|--------|-----|----|-----|-----|
| | L | LP | P | ØD | L | LP | P | ØD | L | LP | P | ØD | L | LP | P | ØD | |
| 1002 | 209 | | | | 209 | | | | 209 | | | | 209 | | | | 200 |
| 1003 | 257 | 196 | 36 | 140 | 257 | 196 | 36 | 160 | 257 | 216 | 56 | 200 | 257 | 216 | 56 | 200 | |
| 1004 | 305 | | | | 305 | | | | 305 | | | | 305 | | | | |

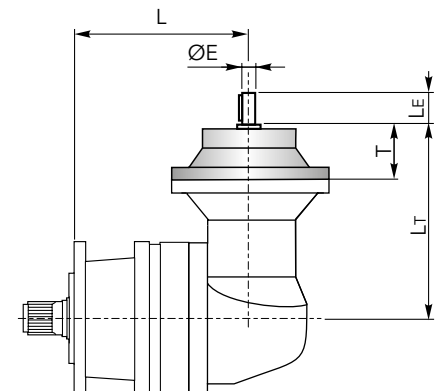
| CHPLB | IEC 100 | | | | IEC 112 | | | | IEC 132 | | | | | | |
|-------|---------|-----|----|-----|---------|-----|----|-----|---------|-----|-----|-----|-----|-----|-----|
| | L | LP | P | ØD | L | LP | P | ØD | L | LP | P | ØD | | | |
| 1002 | 209 | | | | 209 | | | | 209 | | | | 260 | 100 | 300 |
| 1003 | 257 | 226 | 66 | 250 | 257 | 226 | 66 | 250 | 257 | 260 | 100 | 300 | | | |
| 1004 | | | | | | | | | | | | | | | |



$\begin{matrix} \text{p.} \\ \text{P4} \end{matrix}$

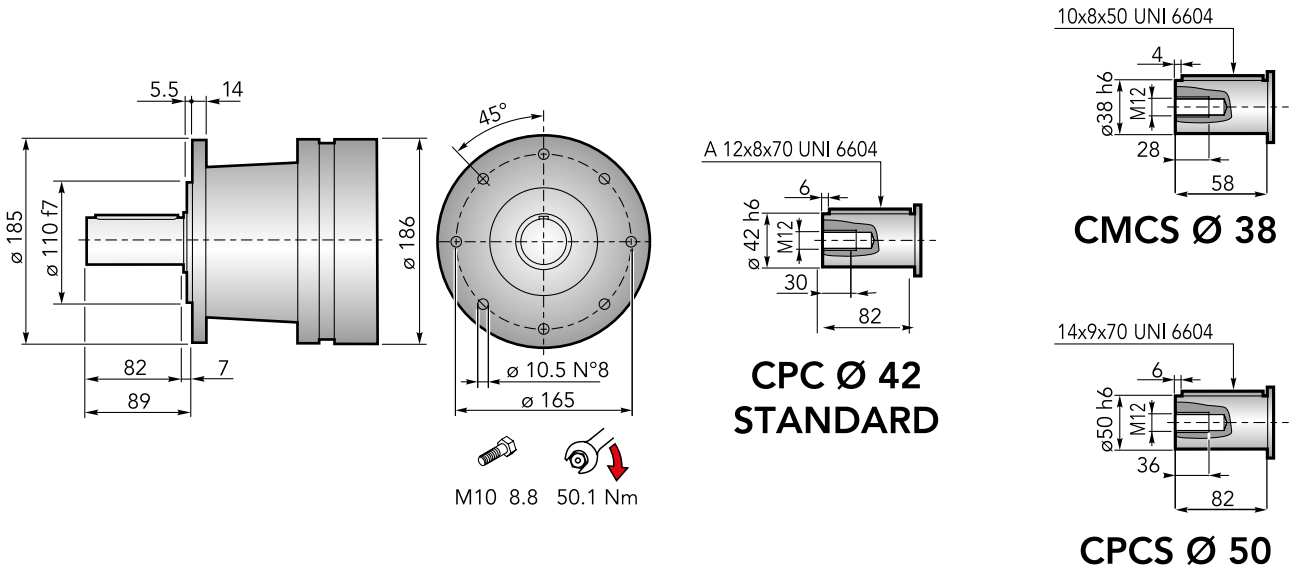
CHPLB 1000 CPS - Alberi maschi entrata | *Male input shafts*

| CHPLB | CM42 | | | | |
|-------|------|-----|----|----|-------|
| | L | Lt | T | Le | ØE |
| 1002 | 209 | | | | |
| 1003 | 257 | 253 | 93 | 82 | 42 h6 |
| 1004 | 305 | | | | |



$\begin{matrix} \text{E} & \text{p.} \\ \text{P7} \end{matrix}$

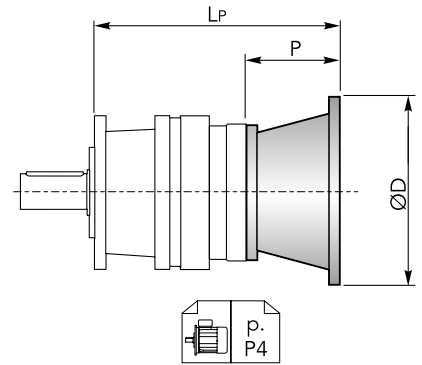
DIMENSIONI · DIMENSIONS



CHPL 1000 CPC - Flange motori IEC | IEC Motor flanges

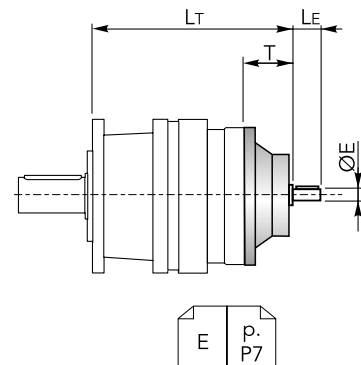
| CHPL | IEC 63 | | | IEC 71 | | | IEC 80 | | | IEC 90 | | | |
|------|--------|----|-----|--------|----|-----|--------|-----|-----|--------|-----|-----|-----|
| | LP | P | ØD | LP | P | ØD | LP | P | ØD | LP | P | ØD | |
| 1001 | 170 | | | 170 | | | 190 | | | 190 | | | |
| 1002 | 218 | 36 | 140 | 218 | 36 | 160 | 56 | 200 | 238 | 56 | 200 | 334 | |
| 1003 | 266 | | | 266 | | | | | | | | | 286 |
| 1004 | 314 | | | 314 | | | | | | | | | 334 |

| CHPL | IEC 100 | | | IEC 112 | | | IEC 132 | | | IEC 160 | | | |
|------|---------|----|-----|---------|----|-----|---------|-----|-----|---------|-----|-----|---|
| | LP | P | ØD | LP | P | ØD | LP | P | ØD | LP | P | ØD | |
| 1001 | 200 | | | 200 | | | 234 | | | 273 | 139 | 350 | |
| 1002 | 248 | 66 | 250 | 248 | 66 | 250 | 282 | 100 | 300 | - | | | |
| 1003 | 296 | | | 296 | | | | | | 330 | - | | |
| 1004 | - | | | - | | | | | | - | | | - |



CHPL 1000 CPC - Alberi maschi entrata | Male input shafts

| CHPL | CM42 | | | |
|------|------|----|----|-------|
| | LT | T | LE | ØE |
| 1001 | 227 | 93 | 82 | 42 h6 |
| 1002 | 275 | | | |
| 1003 | 323 | | | |
| 1004 | 371 | | | |



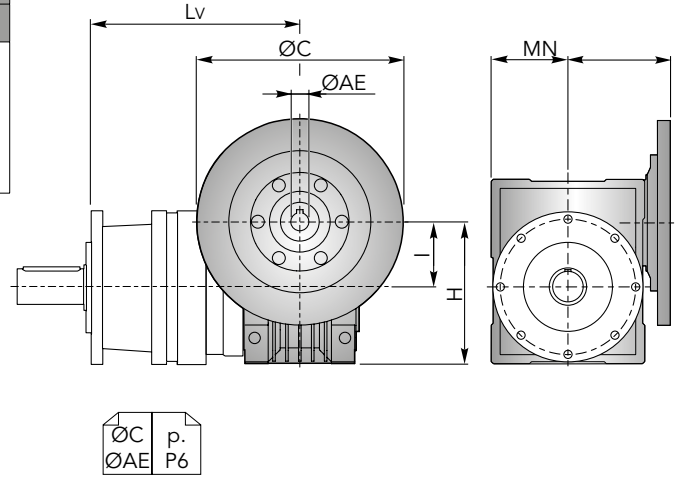


DIMENSIONI · DIMENSIONS

CHPL 1000 CPC - Riduttore a vite senza fine CHM in entrata | CHM input worm gearboxes

| CHPL | CHM 50 | | | | | CHM 63 | | | | |
|------|--------|----|-----|----|----|--------|----|-----|----|----|
| | Lv | I | H | M | N | Lv | I | H | M | N |
| 1001 | 259.5 | 50 | 110 | 60 | 80 | 269 | 63 | 135 | 72 | 95 |
| 1002 | 307.5 | | | | | 317 | | | | |
| 1003 | 355.5 | | | | | 365 | | | | |
| 1004 | 403.5 | | | | | 413 | | | | |

| CHPL | CHM 75 | | | | |
|------|--------|----|-----|----|-------|
| | Lv | I | H | M | N |
| 1001 | 248 | 75 | 161 | 86 | 112.5 |
| 1002 | 296 | | | | |
| 1003 | 344 | | | | |
| 1004 | 392 | | | | |

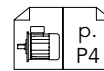
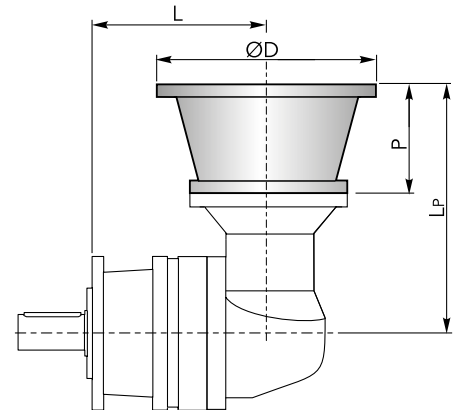


CHPL / CHPLB 1000 CPC

CHPLB 1000 CPC - Flange motori IEC | IEC Motor flanges

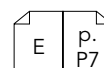
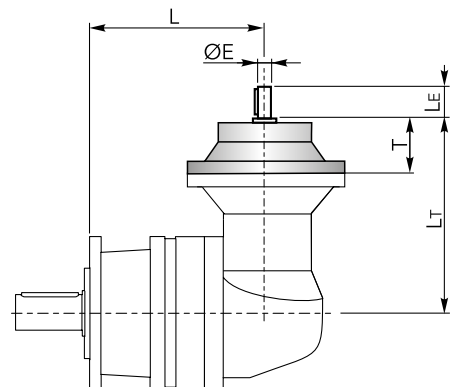
| CHPLB | IEC 63 | | | | IEC 71 | | | | IEC 80 | | | | IEC 90 | | | | |
|-------|--------|-----|----|-----|--------|-----|----|-----|--------|-----|----|-----|--------|-----|----|-----|-----|
| | L | LP | P | ØD | L | LP | P | ØD | L | LP | P | ØD | L | LP | P | ØD | |
| 1002 | 209 | | | | 209 | | | | 209 | | | | 209 | | | | 200 |
| 1003 | 257 | 196 | 36 | 140 | 257 | 196 | 36 | 160 | 257 | 216 | 56 | 200 | 257 | 216 | 56 | 200 | |
| 1004 | 305 | | | | 305 | | | | 305 | | | | 305 | | | | |

| CHPLB | IEC 100 | | | | IEC 112 | | | | IEC 132 | | | |
|-------|---------|-----|----|-----|---------|-----|----|-----|---------|-----|-----|-----|
| | L | LP | P | ØD | L | LP | P | ØD | L | LP | P | ØD |
| 1002 | 209 | 226 | 66 | 250 | 209 | 226 | 66 | 250 | 209 | 260 | 100 | 300 |
| 1003 | 257 | | | | 257 | | | | 257 | | | |
| 1004 | | | | | | | | | | | | |

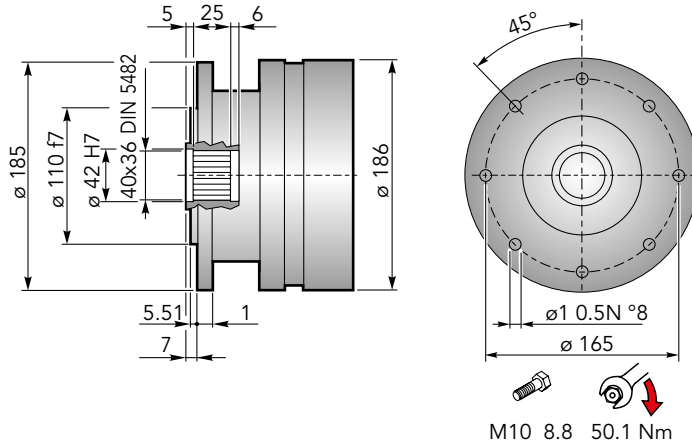


CHPLB 1000 CPC - Alberi maschi entrata | Male input shafts

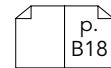
| CHPLB | CM42 | | | | |
|-------|------|----------------|----|----------------|-------|
| | L | L _T | T | L _E | ØE |
| 1002 | 209 | 253 | 93 | 82 | 42 h6 |
| 1003 | 257 | | | | |
| 1004 | 305 | | | | |



DIMENSIONI · DIMENSIONS

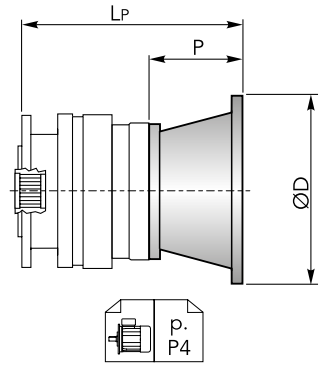


Accessori
Accessories



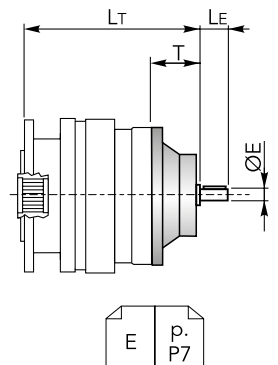
CHPL 1000 CF - Flange motori IEC | IEC Motor flanges

| CHPL | IEC 63 | | | IEC 71 | | | IEC 80 | | | IEC 90 | | |
|------|---------|----|-----|---------|----|-----|---------|-----|-----|---------|-----|-----|
| | Lp | P | ØD | Lp | P | ØD | Lp | P | ØD | Lp | P | ØD |
| 1001 | 140 | | | 140 | | | 160 | | | 160 | | |
| 1002 | 188 | 36 | 140 | 188 | 36 | 160 | 208 | 56 | 200 | 208 | 56 | 200 |
| 1003 | 236 | | | 236 | | | 256 | | | 256 | | |
| 1004 | 284 | | | 284 | | | 304 | | | 304 | | |
| | | | | | | | | | | | | |
| CHPL | IEC 100 | | | IEC 112 | | | IEC 132 | | | IEC 160 | | |
| | Lp | P | ØD | Lp | P | ØD | Lp | P | ØD | Lp | P | ØD |
| 1001 | 170 | | | 170 | | | 204 | | | 243 | 139 | 350 |
| 1002 | 218 | 66 | 250 | 218 | 66 | 250 | 252 | 100 | 300 | - | | |
| 1003 | 266 | | | 266 | | | 300 | | | - | | |
| 1004 | - | | | - | | | - | | | - | - | - |



CHPL 1000 CF - Alberi maschi entrata | Male input shafts

| CHPL | CM42 | | | |
|------|------|----|----|-------|
| | Lt | T | LE | ØE |
| 1001 | 197 | | | |
| 1002 | 245 | 93 | 82 | 42 h6 |
| 1003 | 293 | | | |
| 1004 | 341 | | | |



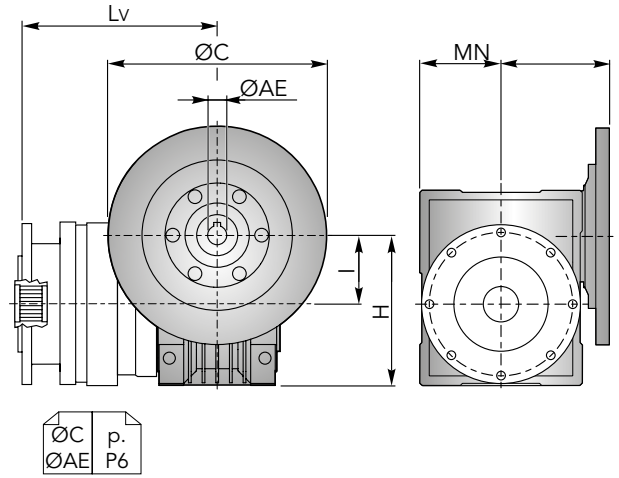


DIMENSIONI · DIMENSIONS

CHPL 1000 CF - Riduttore a vite senza fine CHM in entrata | CHM input worm gearboxes

| CHPL | CHM 50 | | | | | CHM 63 | | | | |
|------|--------|----|-----|----|----|--------|----|-----|----|----|
| | Lv | I | H | M | N | Lv | I | H | M | N |
| 1001 | 229.5 | 50 | 110 | 60 | 80 | 239 | 63 | 135 | 72 | 95 |
| 1002 | 277.5 | | | | | 287 | | | | |
| 1003 | 325.5 | | | | | 335 | | | | |
| 1004 | 373.5 | | | | | 383 | | | | |

| CHPL | CHM 75 | | | | |
|------|--------|----|-----|----|-------|
| | Lv | I | H | M | N |
| 1001 | 218 | 75 | 161 | 86 | 112.5 |
| 1002 | 266 | | | | |
| 1004 | 314 | | | | |
| 1004 | 362 | | | | |

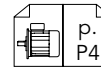
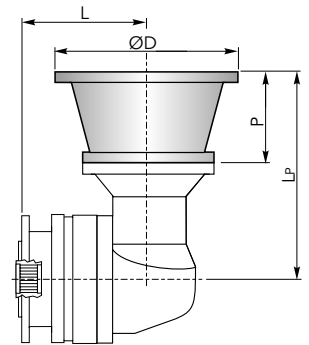


CHPL / CHPLB 1000 CF

CHPLB 1000 CF - Flange motori IEC | IEC Motor flanges

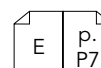
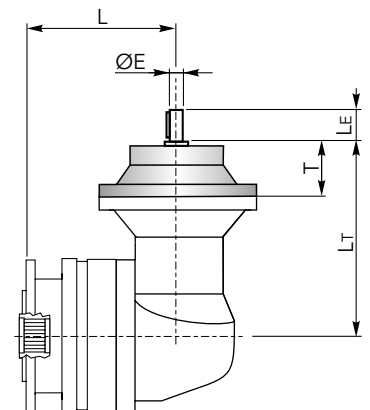
| CHPLB | IEC 63 | | | | IEC 71 | | | | IEC 80 | | | | IEC 90 | | | | |
|-------|--------|-----|----|-----|--------|-----|----|-----|--------|-----|----|-----|--------|-----|----|-----|-----|
| | L | LP | P | ØD | L | LP | P | ØD | L | LP | P | ØD | L | LP | P | ØD | |
| 1002 | 179 | | | | 179 | | | | 179 | | | | 179 | | | | 179 |
| 1003 | 227 | 196 | 36 | 140 | 227 | 196 | 36 | 160 | 227 | 216 | 56 | 200 | 227 | 216 | 56 | 200 | 227 |
| 1004 | 275 | | | | 275 | | | | 275 | | | | 275 | | | | 275 |

| CHPLB | IEC 100 | | | | IEC 112 | | | | IEC 132 | | | |
|-------|---------|-----|----|-----|---------|-----|----|-----|---------|-----|-----|-----|
| | L | LP | P | ØD | L | LP | P | ØD | L | LP | P | ØD |
| 1002 | 179 | 226 | 66 | 250 | 179 | 226 | 66 | 250 | 179 | 260 | 100 | 300 |
| 1003 | 227 | | | | 227 | | | | 227 | | | |
| 1004 | | | | | | | | | | | | |

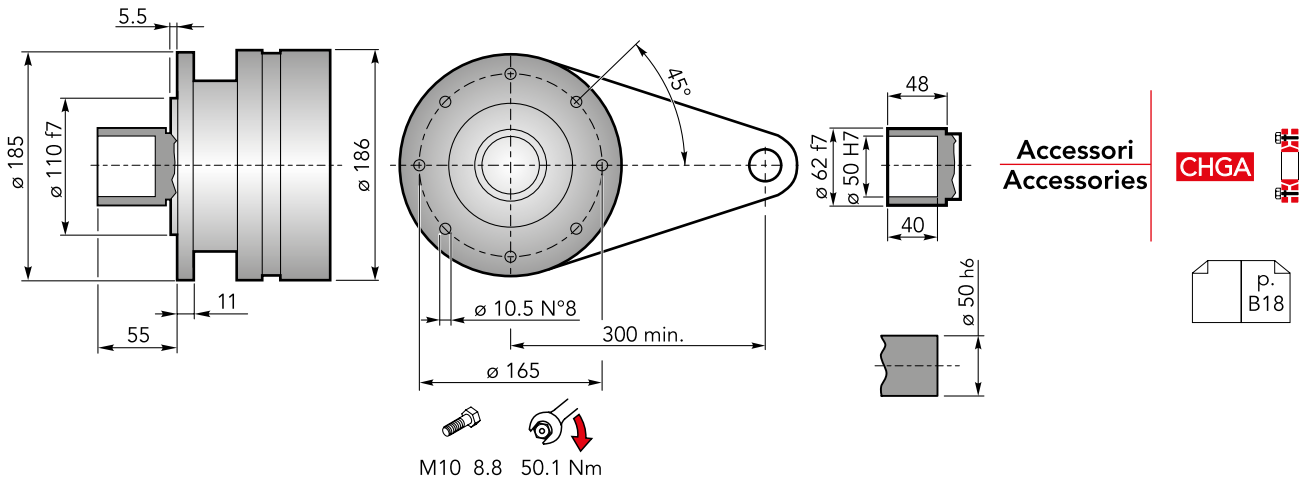


CHPLB 1000 CF - Alberi maschi entrata | Male input shafts

| CHPLB | CM42 | | | | |
|-------|------|-----|----|----|-------|
| | L | LT | T | LE | ØE |
| 1002 | 179 | 253 | 93 | 82 | 42 h6 |
| 1003 | 227 | | | | |
| 1004 | 275 | | | | |

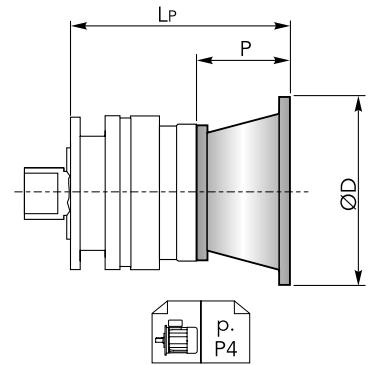


DIMENSIONI · DIMENSIONS



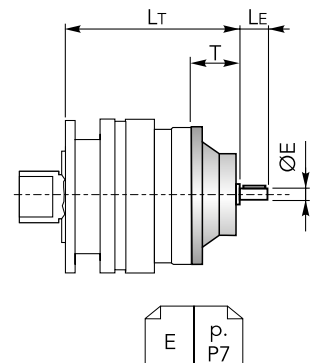
CHPL 1000 CFS - Flange motori IEC | IEC Motor flanges

| CHPL | IEC 63 | | | IEC 71 | | | IEC 80 | | | IEC 90 | | |
|------|---------|----|-----|---------|----|-----|---------|-----|-----|---------|-----|-----|
| | LP | P | ØD | LP | P | ØD | LP | P | ØD | LP | P | ØD |
| 1001 | 140 | | | 140 | | | 160 | | | 160 | | |
| 1002 | 188 | 36 | 140 | 188 | 36 | 160 | 208 | 56 | 200 | 208 | 56 | 200 |
| 1003 | 236 | | | 236 | | | 256 | | | 256 | | |
| 1004 | 284 | | | 284 | | | 304 | | | 304 | | |
| | | | | | | | | | | | | |
| CHPL | IEC 100 | | | IEC 112 | | | IEC 132 | | | IEC 160 | | |
| | LP | P | ØD | LP | P | ØD | LP | P | ØD | LP | P | ØD |
| 1001 | 170 | | | 170 | | | 204 | | | 243 | 139 | 350 |
| 1002 | 218 | 66 | 250 | 218 | 66 | 250 | 252 | 100 | 300 | - | | |
| 1003 | 266 | | | 266 | | | 300 | | | - | | |
| 1004 | - | | | - | | | - | | | - | - | - |



CHPL 1000 CFS - Alberi maschi entrata | Male input shafts

| CHPL | CM42 | | | |
|------|------|----|----|-------|
| | LT | T | LE | ØE |
| 1001 | 197 | | | |
| 1002 | 245 | 93 | 82 | 42 h6 |
| 1003 | 293 | | | |
| 1004 | 341 | | | |



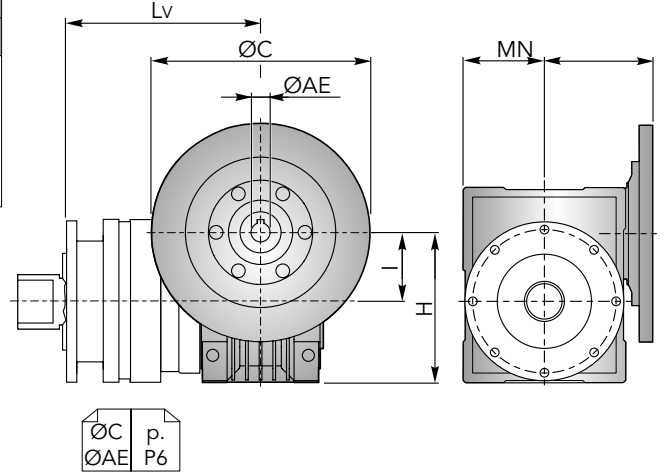


DIMENSIONI · DIMENSIONS

CHPL 1000 CFS - Riduttore a vite senza fine CHM in entrata | CHM input worm gearboxes

| CHPL | CHM 50 | | | | | CHM 63 | | | | |
|------|--------|----|-----|----|----|--------|----|-----|----|----|
| | Lv | I | H | M | N | Lv | I | H | M | N |
| 1001 | 229.5 | 50 | 110 | 60 | 80 | 239 | 63 | 135 | 72 | 95 |
| 1002 | 277.5 | | | | | 287 | | | | |
| 1003 | 325.5 | | | | | 335 | | | | |
| 1004 | 373.5 | | | | | 383 | | | | |

| CHPL | CHM 75 | | | | |
|------|--------|----|-----|----|-------|
| | Lv | I | H | M | N |
| 1001 | 218 | 75 | 161 | 86 | 112.5 |
| 1002 | 266 | | | | |
| 1004 | 314 | | | | |
| 1004 | 362 | | | | |

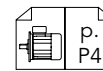
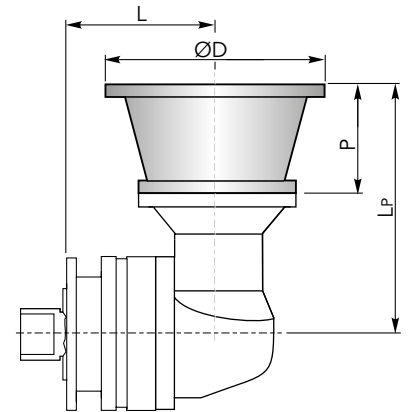


CHPL / CHPLB 1000 CFS

CHPLB 1000 CFS - Flange motori IEC | IEC Motor flanges

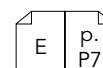
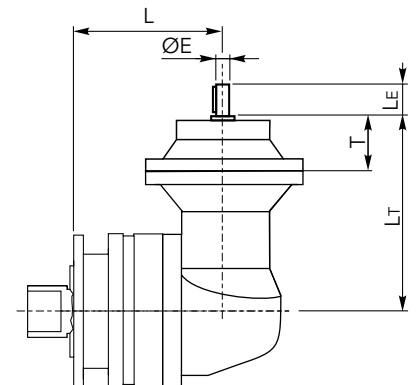
| CHPLB | IEC 63 | | | | IEC 71 | | | | IEC 80 | | | | IEC 90 | | | |
|-------|--------|-----|----|-----|--------|-----|----|-----|--------|-----|----|-----|--------|-----|----|-----|
| | L | LP | P | ØD | L | LP | P | ØD | L | LP | P | ØD | L | LP | P | ØD |
| 1002 | 179 | | | | 179 | | | | 179 | | | | 179 | | | |
| 1003 | 227 | 196 | 36 | 140 | 227 | 196 | 36 | 160 | 227 | 216 | 56 | 200 | 227 | 216 | 56 | 200 |
| 1004 | 275 | | | | 275 | | | | 275 | | | | 275 | | | |

| CHPLB | IEC 100 | | | | IEC 112 | | | | IEC 132 | | | |
|-------|---------|-----|----|-----|---------|-----|----|-----|---------|-----|-----|-----|
| | L | LP | P | ØD | L | LP | P | ØD | L | LP | P | ØD |
| 1002 | 179 | | | | 179 | | | | 179 | | | |
| 1003 | 227 | 226 | 66 | 250 | 227 | 226 | 66 | 250 | 227 | 260 | 100 | 300 |
| 1004 | | | | | | | | | | | | |

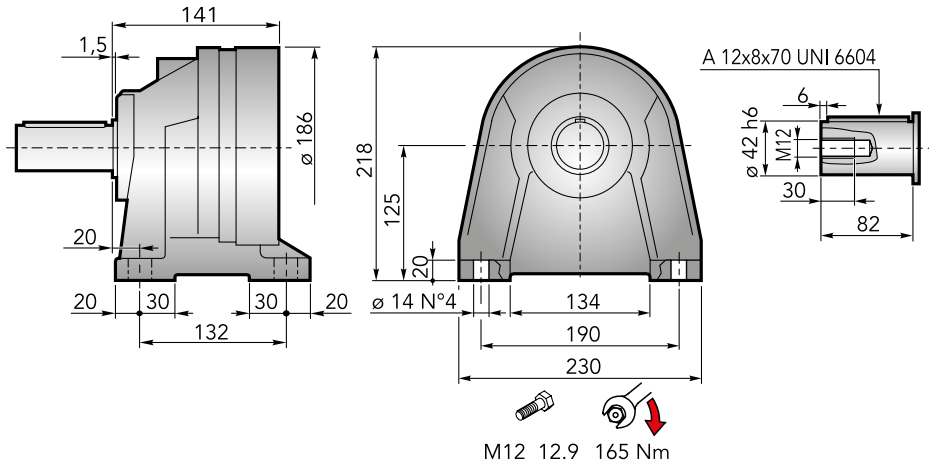


CHPLB 1000 CFS - Alberi maschi entrata | Male input shafts

| CHPLB | CM42 | | | | |
|-------|------|----------------|----|----------------|-------|
| | L | L _T | T | L _E | ØE |
| 1002 | 179 | | | | |
| 1003 | 227 | 253 | 93 | 82 | 42 h6 |
| 1004 | 275 | | | | |



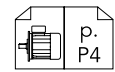
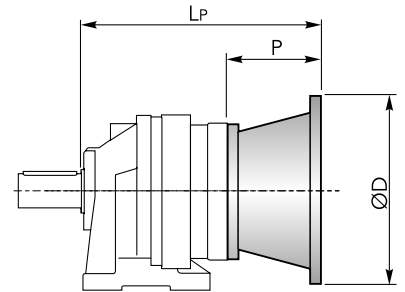
DIMENSIONI · DIMENSIONS



CHPL 1000 CCPC - Flange motori IEC | IEC Motor flanges

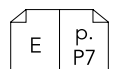
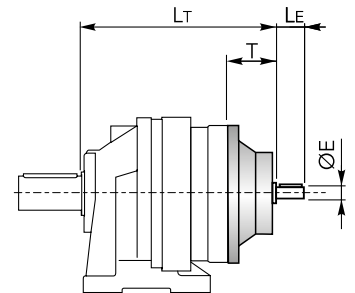
| CHPL | IEC 63 | | | IEC 71 | | | IEC 80 | | | IEC 90 | | | |
|------|--------|----|-----|--------|----|-----|--------|-----|-----|--------|-----|----|-----|
| | LP | P | ØD | LP | P | ØD | LP | P | ØD | LP | P | ØD | |
| 1001 | 177 | 36 | 140 | 177 | 36 | 160 | 56 | 200 | 245 | 56 | 200 | | |
| 1002 | 225 | | | 225 | | | | | | | | | 293 |
| 1003 | 273 | | | 273 | | | | | | | | | 341 |
| 1004 | 321 | | | 321 | | | | | | | | | 341 |

| CHPL | IEC 100 | | | IEC 112 | | | IEC 132 | | | IEC 160 | | | |
|------|---------|----|-----|---------|----|-----|---------|-----|-----|---------|-----|----|-----|
| | LP | P | ØD | LP | P | ØD | LP | P | ØD | LP | P | ØD | |
| 1001 | 207 | 66 | 250 | 207 | 66 | 250 | 100 | 300 | 280 | 139 | 350 | | |
| 1002 | 255 | | | 255 | | | | | | | | | 337 |
| 1003 | 303 | | | 303 | | | | | | | | | |
| 1004 | - | | | - | | | | | | | | | - |



CHPL 1000 CCPC - Alberi maschi entrata | Male input shafts

| CHPL | CM42 | | | |
|------|------|----|----|-------|
| | LT | T | LE | ØE |
| 1001 | 234 | 93 | 82 | 42 h6 |
| 1002 | 282 | | | |
| 1003 | 330 | | | |
| 1004 | 379 | | | |



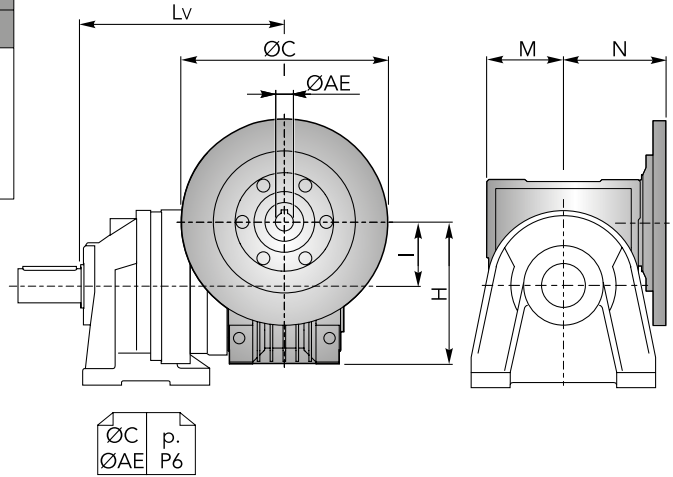


DIMENSIONI · DIMENSIONS

CHPL 1000 CCPC - Riduttore a vite senza fine CHM in entrata | *CHM input worm gearboxes*

| CHPL | CHM 50 | | | | | CHM 63 | | | | |
|------|--------|----|-----|----|----|--------|----|-----|----|----|
| | Lv | I | H | M | N | Lv | I | H | M | N |
| 1001 | 266.5 | 50 | 110 | 60 | 80 | 276 | 63 | 135 | 72 | 95 |
| 1002 | 314.5 | | | | | 324 | | | | |
| 1003 | 362.5 | | | | | 372 | | | | |
| 1004 | 410.5 | | | | | 420 | | | | |

| CHPL | CHM 75 | | | | |
|------|--------|----|-----|----|-------|
| | Lv | I | H | M | N |
| 1001 | 255 | 75 | 161 | 86 | 112.5 |
| 1002 | 303 | | | | |
| 1003 | 351 | | | | |
| 1004 | 399 | | | | |

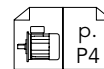
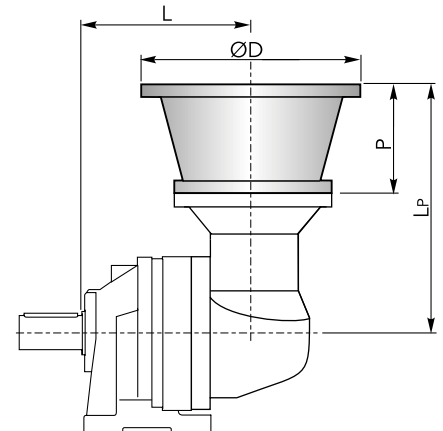


CHPL / CHPLB 1000 CCPC

CHPLB 1000 CCPC - Flange motori IEC | *IEC Motor flanges*

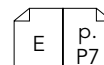
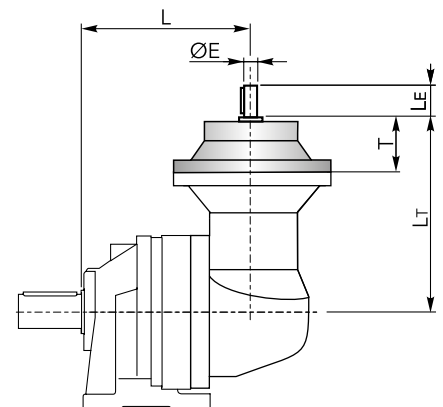
| CHPLB | IEC 71 | | | | IEC 71 | | | | IEC 80 | | | | IEC 90 | | | | |
|-------|--------|-----|----|-----|--------|-----|----|-----|--------|-----|----|-----|--------|-----|----|-----|-----|
| | L | LP | P | ØD | L | LP | P | ØD | L | LP | P | ØD | L | LP | P | ØD | |
| 1002 | 216 | | | | 216 | | | | 216 | | | | 216 | | | | 216 |
| 1003 | 264 | 196 | 36 | 140 | 264 | 196 | 36 | 160 | 264 | 216 | 56 | 200 | 264 | 216 | 56 | 200 | 264 |
| 1004 | 312 | | | | 312 | | | | 312 | | | | 312 | | | | 312 |

| CHPLB | IEC 100 | | | | IEC 112 | | | | IEC 132 | | | | |
|-------|---------|-----|----|-----|---------|-----|----|-----|---------|-----|-----|-----|-----|
| | L | LP | P | ØD | L | LP | P | ØD | L | LP | P | ØD | |
| 1002 | 216 | | | | 216 | | | | 216 | | | | 216 |
| 1003 | 264 | 226 | 66 | 250 | 264 | 226 | 66 | 250 | 264 | 260 | 100 | 300 | 264 |
| 1004 | | | | | | | | | | | | | |



CHPLB 1000 CCPC - Alberi maschi entrata | *Male input shafts*

| CHPLB | CM42 | | | | |
|-------|------|----------------|----|----------------|-------|
| | L | L _T | T | L _E | ØE |
| 1002 | 216 | | | | |
| 1003 | 264 | 253 | 93 | 82 | 42 h6 |
| 1004 | 312 | | | | |

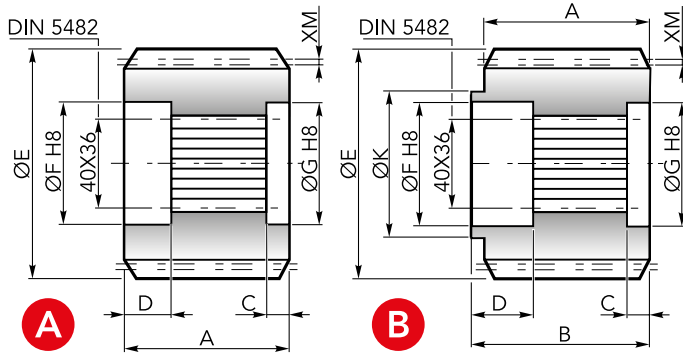


ACCESSORI · ACCESSORIES

CHYZ



Pignoni | Pinions

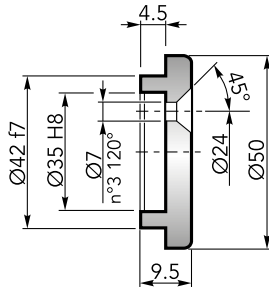


| | Uscita / Output | M | Z | XM | A | B | C | D | E | F | G | K | Codice / Code |
|----------|-----------------|-----|----|------|----|------|---|------|------|----|----|----|---------------|
| A | CMS CPS | 1.9 | 20 | 0.05 | 65 | - | 6 | 20.5 | 84.5 | 42 | 42 | - | 1071.200.042 |
| | | 5 | 16 | 2.5 | 55 | - | 6 | 20.5 | 95 | 42 | 42 | - | 1071.259.042 |
| B | CMS CPS | 3.5 | 23 | 0 | 40 | 60.5 | 6 | 20.5 | 87.5 | 42 | 42 | 60 | 1071.291.042 |

CHFF



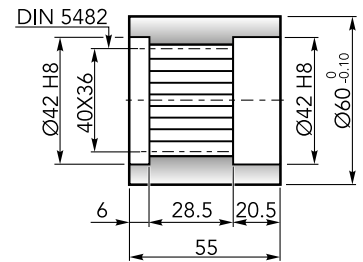
Fondello di arresto | Stop bottom plate

Codice / Code:
1075.034.000

CHBS



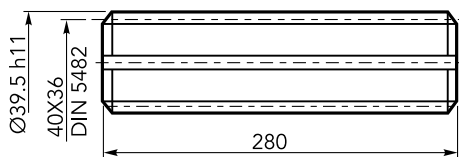
Boccola scanalata | Splined bushing

Codice / Code:
0171.100.076

CHKB



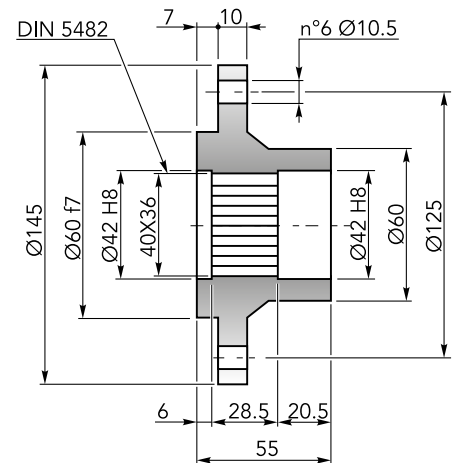
Barra scanalata | Splined rod

Codice / Code:
3071.179.042

CHFL



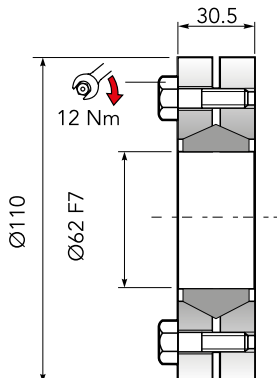
Flangia | Flange

Codice / Code:
0171.102.025

CHGA



Giunto di attrito | Shrink disc

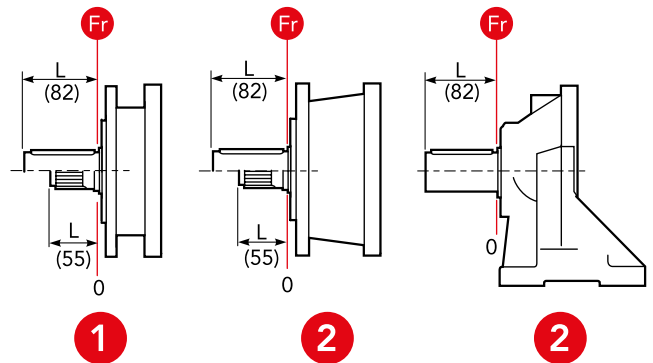
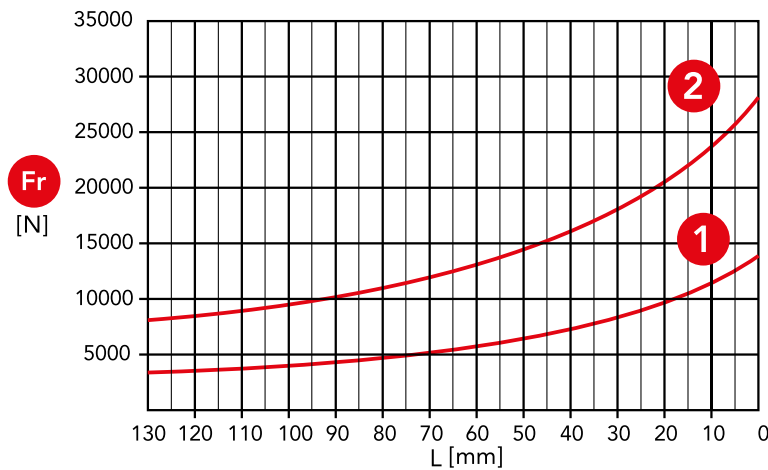
Codice / Code:
5109.062.000Coppia max: 2200 Nm (1)
Max Torque: 2200 Nm (1)(1): Coppia max indicata è valida solo
con calettatori forniti da Chiaravalli S.p.A.
(1): The maximum torque indicated is valid only
with shrink discs supplied by Chiaravalli S.p.A.



CARICHI RADIALI (Fr) · RADIAL LOADS (Fr)

Nel diagramma seguente, sono indicati i carichi radiali F_r (N) applicabili sull'albero uscita in funzione della distanza di applicazione L rispetto alla battuta dell'albero.

The hereunder table shows the allowable radial loads F_r (N) on the output shaft with reference to the distance L .



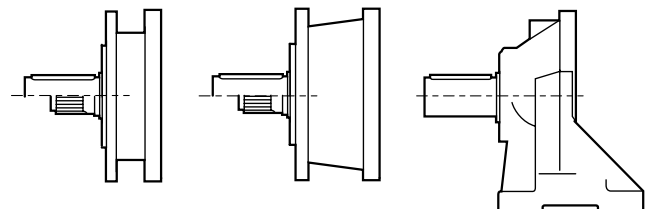
- 1** Uscita / Output: CMS, CMC
- 2** Uscita / Output: CPS, CPC, CCPC

CARICHI ASSIALI (Fa) · AXIAL LOADS (Fa)

Nella tabella seguente sono indicati i carichi assiali F_a (N) applicabili sull'albero di uscita in funzione della direzione di applicazione del carico e della versione.

The hereunder table shows the allowable axial loads F_a (N) on the output shaft with reference to the load direction and the output type.

| | 1 | 2 | |
|------------------|----------|----------|---|
| Fa [N] | 16000 | 18000 | ← |
| | 16000 | 18000 | → |



- 1** Uscita / Output: CMS, CMC
- 2** Uscita / Output: CPS, CPC, CCPC