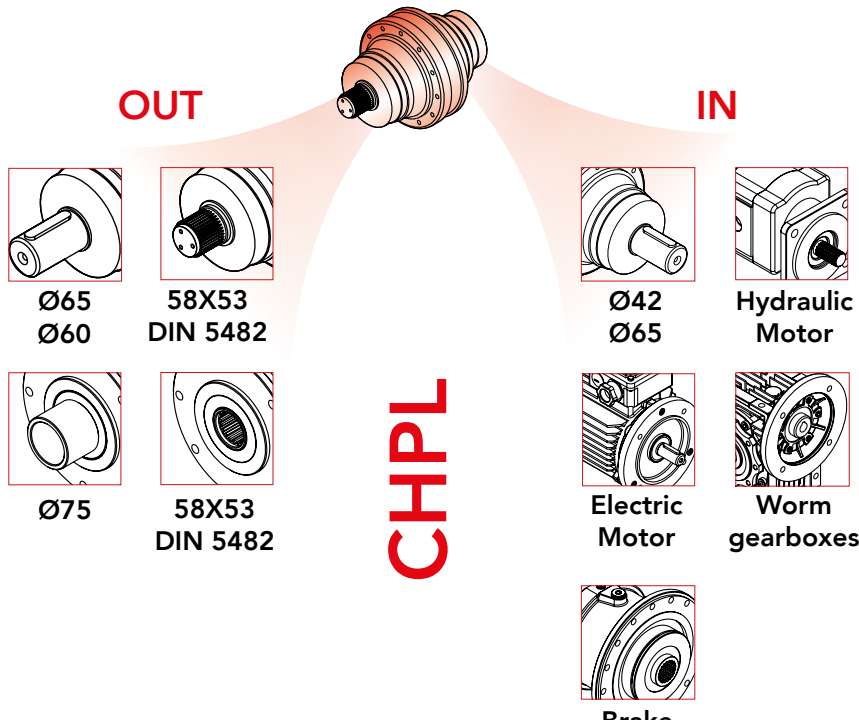
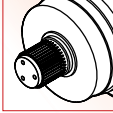
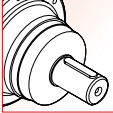
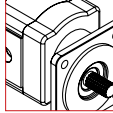
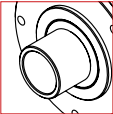
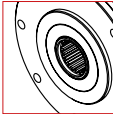
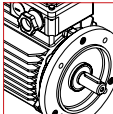
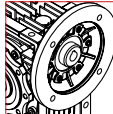
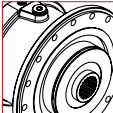
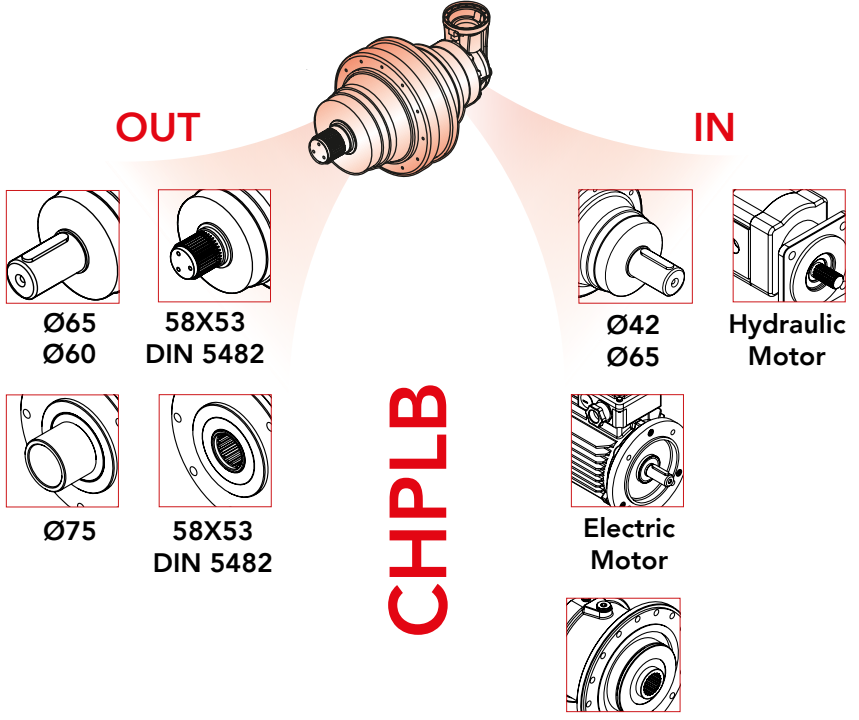
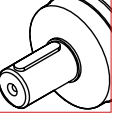
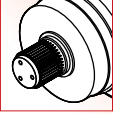
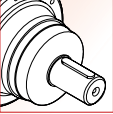
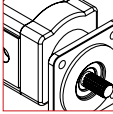
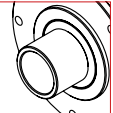
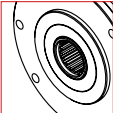
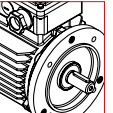
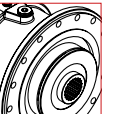




# CHPL/CHPLB 5000

|             | <b>i</b>       |                    |              |                                                                                                        |                                                                                                       |                                                                                                        |
|-------------|----------------|--------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
|             |                |                    | OUT                                                                                             |                                                                                                        | IN                                                                                                    |                                                                                                        |
| <b>5001</b> | 3.78 ÷ 7.25    | 1 reduction stage  | <br>Ø65<br>Ø60 | <br>58X53<br>DIN 5482 | <br>Ø42<br>Ø65     | <br>Hydraulic Motor |
| <b>5002</b> | 13.4 ÷ 48.9    | 2 reduction stages | <br>Ø75        | <br>58X53<br>DIN 5482 | <br>Electric Motor | <br>Worm gearboxes  |
| <b>5003</b> | 52.1 ÷ 330.3   | 3 reduction stages |                                                                                                 |                                                                                                        |                                                                                                       |                                                                                                        |
| <b>5004</b> | 352.0 ÷ 1845.3 | 4 reduction stages |                                                                                                 |                                                                                                        | <br>Brake         |                                                                                                        |

|             | <b>i</b>       |                    |               |                                                                                                          |                                                                                                         |                                                                                                          |
|-------------|----------------|--------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
|             |                |                    | OUT                                                                                               |                                                                                                          | IN                                                                                                      |                                                                                                          |
| <b>5002</b> | 13.1 ÷ 39.5    | 2 reduction stages | <br>Ø65<br>Ø60 | <br>58X53<br>DIN 5482 | <br>Ø42<br>Ø65     | <br>Hydraulic Motor |
| <b>5003</b> | 39.4 ÷ 143.5   | 3 reduction stages | <br>Ø75        | <br>58X53<br>DIN 5482 | <br>Electric Motor |                                                                                                          |
| <b>5004</b> | 140.1 ÷ 1244.1 | 4 reduction stages |                                                                                                   |                                                                                                          | <br>Brake          |                                                                                                          |



## DATI TECNICI

## TECHNICAL DATA

| CHPL | i      | T <sub>2n</sub><br>(n <sub>1</sub> = 1400 rpm)<br>10.000h FS=1<br>[Nm] | P <sub>1n</sub><br>(n <sub>1</sub> = 1400 rpm)<br>10.000h FS=1<br>[kW] | T <sub>2</sub> Max<br>[Nm] | P <sub>t</sub><br>1400 rpm<br>[kW] | IEC<br>(B5)            |                        | CHM              | CM/CP                                     |
|------|--------|------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------|------------------------------------|------------------------|------------------------|------------------|-------------------------------------------|
|      |        |                                                                        |                                                                        |                            |                                    |                        |                        |                  |                                           |
| 5001 | 3.78   | 2164                                                                   | 87                                                                     | 10420                      | 20                                 | 63                     | 71                     | CHM 50<br>CHM 75 | CHM 63<br>CHM90<br>CM42<br>CM 65<br>CP 65 |
|      | 4.13   | 1959                                                                   | 72                                                                     | 9500                       |                                    | 80                     | 90                     |                  |                                           |
|      | 5.17   | 1701                                                                   | 50                                                                     | 7780                       |                                    | 100                    | 112                    |                  |                                           |
|      | 6      | 1540                                                                   | 39                                                                     | 6820                       |                                    | 132                    | 160                    |                  |                                           |
|      | 7.25   | 1230                                                                   | 25.5                                                                   | 5320                       |                                    | 180                    |                        |                  |                                           |
| 5002 | 13.4   | 2810                                                                   | 33                                                                     | 10420                      | 15                                 | 63<br>80<br>100<br>132 | 71<br>90<br>112<br>160 | CHM 50<br>CHM 75 | CHM 63<br>CHM90<br>CM42                   |
|      | 16.2   | 2779                                                                   | 27                                                                     | 10420                      |                                    |                        |                        |                  |                                           |
|      | 18.4   | 2105                                                                   | 18                                                                     | 7780                       |                                    |                        |                        |                  |                                           |
|      | 23.1   | 2643                                                                   | 18                                                                     | 9500                       |                                    |                        |                        |                  |                                           |
|      | 28.9   | 2323                                                                   | 12.6                                                                   | 7780                       |                                    |                        |                        |                  |                                           |
|      | 34.9   | 2395                                                                   | 10.8                                                                   | 7780                       |                                    |                        |                        |                  |                                           |
|      | 40.5   | 2162                                                                   | 8.4                                                                    | 6820                       |                                    |                        |                        |                  |                                           |
|      | 48.9   | 1708                                                                   | 5.5                                                                    | 5320                       |                                    |                        |                        |                  |                                           |
| 5003 | 52.1   | 3232                                                                   | 10.12                                                                  | 9500                       | 10                                 | 63<br>80<br>100<br>132 | 71<br>90<br>112<br>160 | CHM 50<br>CHM 75 | CHM 63<br>CHM90<br>CM42                   |
|      | 57.6   | 3573                                                                   | 10.12                                                                  | 10420                      |                                    |                        |                        |                  |                                           |
|      | 62.9   | 3193                                                                   | 8.28                                                                   | 9500                       |                                    |                        |                        |                  |                                           |
|      | 75.2   | 3817                                                                   | 8.28                                                                   | 10420                      |                                    |                        |                        |                  |                                           |
|      | 82.1   | 3321                                                                   | 6.6                                                                    | 9500                       |                                    |                        |                        |                  |                                           |
|      | 90.7   | 3670                                                                   | 6.6                                                                    | 10420                      |                                    |                        |                        |                  |                                           |
|      | 99     | 3471                                                                   | 5.72                                                                   | 9500                       |                                    |                        |                        |                  |                                           |
|      | 119.3  | 3540                                                                   | 4.84                                                                   | 9500                       |                                    |                        |                        |                  |                                           |
|      | 129.4  | 3665                                                                   | 4.62                                                                   | 9500                       |                                    |                        |                        |                  |                                           |
|      | 149.5  | 3024                                                                   | 3.3                                                                    | 7780                       |                                    |                        |                        |                  |                                           |
|      | 155.9  | 3727                                                                   | 3.9                                                                    | 9500                       |                                    |                        |                        |                  |                                           |
|      | 162    | 3058                                                                   | 3.08                                                                   | 7780                       |                                    |                        |                        |                  |                                           |
|      | 173.6  | 2694                                                                   | 2.53                                                                   | 6820                       |                                    |                        |                        |                  |                                           |
|      | 195.3  | 3161                                                                   | 2.64                                                                   | 7780                       |                                    |                        |                        |                  |                                           |
|      | 235.4  | 3246                                                                   | 2.25                                                                   | 7780                       |                                    |                        |                        |                  |                                           |
|      | 273.4  | 2891                                                                   | 1.73                                                                   | 6820                       |                                    |                        |                        |                  |                                           |
|      | 302.2  | 3473                                                                   | 1.88                                                                   | 7780                       |                                    |                        |                        |                  |                                           |
|      | 330.3  | 2431                                                                   | 1.2                                                                    | 5320                       |                                    |                        |                        |                  |                                           |
| 5004 | 352    | 4218                                                                   | 2.02                                                                   | 9500                       | 6                                  | 63<br>80<br>100<br>132 | 71<br>90<br>112        | CHM 50<br>CHM 75 | CHM 63<br>CHM90<br>CM42                   |
|      | 365.8  | 3451                                                                   | 1.44                                                                   | 7780                       |                                    |                        |                        |                  |                                           |
|      | 388.6  | 4655                                                                   | 2.02                                                                   | 10420                      |                                    |                        |                        |                  |                                           |
|      | 413.9  | 4774                                                                   | 1.95                                                                   | 10420                      |                                    |                        |                        |                  |                                           |
|      | 424.3  | 4329                                                                   | 1.73                                                                   | 9500                       |                                    |                        |                        |                  |                                           |
|      | 468.4  | 4987                                                                   | 1.8                                                                    | 10420                      |                                    |                        |                        |                  |                                           |
|      | 511.4  | 4659                                                                   | 1.39                                                                   | 9500                       |                                    |                        |                        |                  |                                           |
|      | 554.4  | 4691                                                                   | 1.29                                                                   | 9500                       |                                    |                        |                        |                  |                                           |
|      | 612    | 5177                                                                   | 1.29                                                                   | 10420                      |                                    |                        |                        |                  |                                           |
|      | 668.2  | 4783                                                                   | 1.09                                                                   | 9500                       |                                    |                        |                        |                  |                                           |
|      | 737.7  | 5280                                                                   | 1.09                                                                   | 10420                      |                                    |                        |                        |                  |                                           |
|      | 805.5  | 4980                                                                   | 0.94                                                                   | 9500                       |                                    |                        |                        |                  |                                           |
|      | 858    | 5024                                                                   | 0.89                                                                   | 9500                       |                                    |                        |                        |                  |                                           |
|      | 907.3  | 4133                                                                   | 0.69                                                                   | 7780                       |                                    |                        |                        |                  |                                           |
|      | 1052.5 | 5136                                                                   | 0.74                                                                   | 9500                       |                                    |                        |                        |                  |                                           |
|      | 1121.1 | 5106                                                                   | 0.7                                                                    | 9500                       |                                    |                        |                        |                  |                                           |
|      | 1318.3 | 4289                                                                   | 0.55                                                                   | 7780                       |                                    |                        |                        |                  |                                           |
|      | 1598   | 4653                                                                   | 0.5                                                                    | 7780                       |                                    |                        |                        |                  |                                           |
|      | 1845.3 | 4484                                                                   | 0.38                                                                   | 6820                       |                                    |                        |                        |                  |                                           |

n<sub>1max</sub> = 2800 rpm

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for information consult the technical office

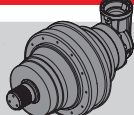


## CHPLB 5000

E3

## DATI TECNICI

## TECHNICAL DATA

| <br>CHPLB | i      | T <sub>2n</sub><br>(n <sub>1</sub> = 1400 rpm)<br>10.000h FS=1<br>[Nm] | P <sub>1n</sub><br>(n <sub>1</sub> = 1400 rpm)<br>10.000h FS=1<br>[kW] | T <sub>2</sub> Max<br>[Nm] | P <sub>t</sub><br>1400 rpm<br>[kW] | IEC<br>(B5)            |                        | <br>CM/CP |
|-------------------------------------------------------------------------------------------|--------|------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------|------------------------------------|------------------------|------------------------|----------------------------------------------------------------------------------------------|
| 5002                                                                                      | 13.1   | 2621                                                                   | 31.5                                                                   | 10420                      | 15                                 | 63<br>80<br>100<br>132 | 71<br>90<br>112<br>160 | CM42<br>CM 65<br>CP 65                                                                       |
|                                                                                           | 14.2   | 2436                                                                   | 27                                                                     | 9500                       |                                    |                        |                        |                                                                                              |
|                                                                                           | 17.8   | 2120                                                                   | 18.75                                                                  | 7780                       |                                    |                        |                        |                                                                                              |
|                                                                                           | 20.6   | 2845                                                                   | 21.75                                                                  | 10420                      |                                    |                        |                        |                                                                                              |
|                                                                                           | 22.5   | 2680                                                                   | 18.75                                                                  | 9500                       |                                    |                        |                        |                                                                                              |
|                                                                                           | 28.1   | 2259                                                                   | 12.65                                                                  | 7780                       |                                    |                        |                        |                                                                                              |
|                                                                                           | 32.7   | 2078                                                                   | 10                                                                     | 6820                       |                                    |                        |                        |                                                                                              |
|                                                                                           | 39.5   | 1657                                                                   | 6.6                                                                    | 5320                       |                                    |                        |                        |                                                                                              |
| 5003                                                                                      | 39.4   | 3320                                                                   | 13.75                                                                  | 10420                      | 10                                 | 63<br>80<br>100<br>132 | 71<br>90<br>112        | CM42<br>CM 65<br>CP 65                                                                       |
|                                                                                           | 47.5   | 3379                                                                   | 11.6                                                                   | 10420                      |                                    |                        |                        |                                                                                              |
|                                                                                           | 53.9   | 2577                                                                   | 7.8                                                                    | 7780                       |                                    |                        |                        |                                                                                              |
|                                                                                           | 67.8   | 3243                                                                   | 7.8                                                                    | 9500                       |                                    |                        |                        |                                                                                              |
|                                                                                           | 75.4   | 2339                                                                   | 5.06                                                                   | 6820                       |                                    |                        |                        |                                                                                              |
|                                                                                           | 84.9   | 2748                                                                   | 5.28                                                                   | 7780                       |                                    |                        |                        |                                                                                              |
|                                                                                           | 91.1   | 1965                                                                   | 3.52                                                                   | 5320                       |                                    |                        |                        |                                                                                              |
|                                                                                           | 102.3  | 2898                                                                   | 4.62                                                                   | 7780                       |                                    |                        |                        |                                                                                              |
|                                                                                           | 118.8  | 2564                                                                   | 3.52                                                                   | 6820                       |                                    |                        |                        |                                                                                              |
|                                                                                           | 143.5  | 2129                                                                   | 2.42                                                                   | 5320                       |                                    |                        |                        |                                                                                              |
| 5004                                                                                      | 140.1  | 4011                                                                   | 4.84                                                                   | 10420                      | 6                                  | 63<br>80<br>100<br>132 | 71<br>90<br>112        | CM42<br>CM 65<br>CP 65                                                                       |
|                                                                                           | 168.9  | 4198                                                                   | 4.2                                                                    | 10420                      |                                    |                        |                        |                                                                                              |
|                                                                                           | 184.4  | 3927                                                                   | 3.6                                                                    | 9500                       |                                    |                        |                        |                                                                                              |
|                                                                                           | 220.6  | 4305                                                                   | 3.3                                                                    | 10420                      |                                    |                        |                        |                                                                                              |
|                                                                                           | 240.9  | 4077                                                                   | 2.86                                                                   | 9500                       |                                    |                        |                        |                                                                                              |
|                                                                                           | 265.9  | 4498                                                                   | 2.86                                                                   | 10420                      |                                    |                        |                        |                                                                                              |
|                                                                                           | 290.4  | 4158                                                                   | 2.42                                                                   | 9500                       |                                    |                        |                        |                                                                                              |
|                                                                                           | 320.6  | 4589                                                                   | 2.42                                                                   | 10420                      |                                    |                        |                        |                                                                                              |
|                                                                                           | 350    | 4349                                                                   | 2.1                                                                    | 9500                       |                                    |                        |                        |                                                                                              |
|                                                                                           | 422.4  | 3160                                                                   | 1.27                                                                   | 6820                       |                                    |                        |                        |                                                                                              |
|                                                                                           | 449.4  | 4586                                                                   | 1.73                                                                   | 9500                       |                                    |                        |                        |                                                                                              |
|                                                                                           | 475.3  | 3797                                                                   | 1.35                                                                   | 7780                       |                                    |                        |                        |                                                                                              |
|                                                                                           | 509.1  | 3342                                                                   | 1.11                                                                   | 6820                       |                                    |                        |                        |                                                                                              |
|                                                                                           | 551.9  | 3383                                                                   | 1.04                                                                   | 6820                       |                                    |                        |                        |                                                                                              |
|                                                                                           | 615.2  | 2692                                                                   | 0.74                                                                   | 5320                       |                                    |                        |                        |                                                                                              |
|                                                                                           | 665.3  | 3494                                                                   | 0.89                                                                   | 6820                       |                                    |                        |                        |                                                                                              |
|                                                                                           | 735.5  | 4025                                                                   | 0.93                                                                   | 7780                       |                                    |                        |                        |                                                                                              |
|                                                                                           | 801.9  | 3510                                                                   | 0.74                                                                   | 6820                       |                                    |                        |                        |                                                                                              |
|                                                                                           | 1244.1 | 2996                                                                   | 0.41                                                                   | 5320                       |                                    |                        |                        |                                                                                              |

n<sub>1max</sub> = 2800 rpm

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CHPL / CHPLB 5000

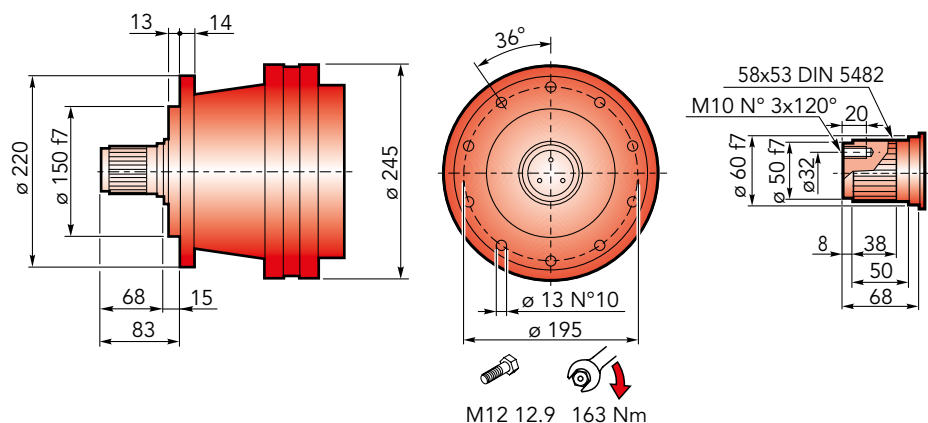
## CHPL/CHPLB 5000 CMS



CHPL/CHPLB 5000

## DIMENSIONI CMS

## CMS DIMENSIONS

Accessori  
Accessories

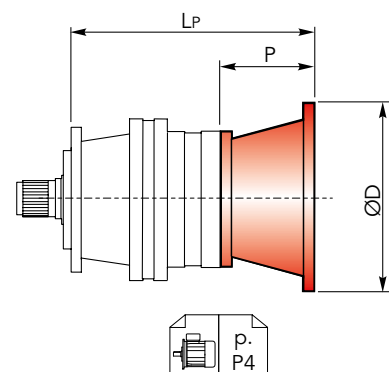
## CHPL 5000 CMS - Flange motori IEC

## CHPL 5000 CMS- IEC Motor flanges

| CHPL | IEC 63 |    |     | IEC 71 |    |     | IEC 80 |    |     | IEC 90 |    |     | IEC 100 |    |     |
|------|--------|----|-----|--------|----|-----|--------|----|-----|--------|----|-----|---------|----|-----|
|      | Lp     | P  | ØD  | Lp     | P  | ØD  | Lp     | P  | ØD  | Lp     | P  | ØD  | Lp      | P  | ØD  |
| 5001 | 213    | 36 | 140 | 213    | 36 | 160 | 233    | 56 | 200 | 233    | 56 | 200 | 243     | 66 | 250 |
| 5002 | 274    |    |     | 274    |    |     | 294    |    |     | 294    |    |     | 304     |    |     |
| 5003 | 322    |    |     | 322    |    |     | 342    |    |     | 342    |    |     | 352     |    |     |
| 5004 | 370    |    |     | 370    |    |     | 390    |    |     | 390    |    |     | 400     |    |     |

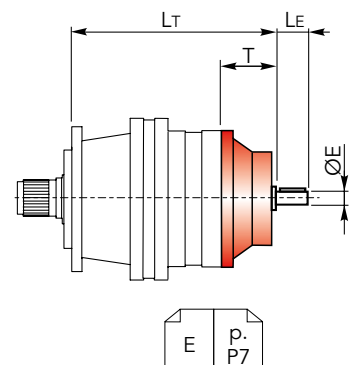
| CHPL | IEC 112 |    |     | IEC 132 |     |     | IEC 160 |     |     | IEC 180 |     |     |
|------|---------|----|-----|---------|-----|-----|---------|-----|-----|---------|-----|-----|
|      | Lp      | P  | ØD  | Lp      | P   | ØD  | Lp      | P   | ØD  | Lp      | P   | ØD  |
| 5001 | 243     | 66 | 250 | 277     | 100 | 300 | 316     | 139 | 350 | 316     | 139 | 350 |
| 5002 | 304     |    |     | 338     |     |     | 377     |     |     | -       | -   | -   |
| 5003 | 352     |    |     | 386     |     |     | 425     |     |     | -       | -   | -   |
| 5004 | 400     |    |     | 434     |     |     | -       |     |     | -       | -   | -   |



## CHPL 5000 CMS - Alberi maschi entrata

## CHPL 5000 CMS - Male input shafts

| CHPL | CM42 |    |    |       | CM65 |       |     |       | CP65  |     |     |       |
|------|------|----|----|-------|------|-------|-----|-------|-------|-----|-----|-------|
|      | Lt   | T  | Le | ØE    | Lt   | T     | Le  | ØE    | Lt    | T   | Le  | ØE    |
| 5001 | 270  | 93 | 82 | 42 h6 | 312  | 121.5 | 105 | 65 h6 | 343.5 | 153 | 105 | 65 h6 |
| 5002 | 331  |    |    |       | -    | -     | -   | -     | -     | -   | -   | -     |
| 5003 | 379  |    |    |       | -    | -     | -   | -     | -     | -   | -   | -     |
| 5004 | 427  |    |    |       | -    | -     | -   | -     | -     | -   | -   | -     |





## CHPL/CHPLB 5000 CMS

E5

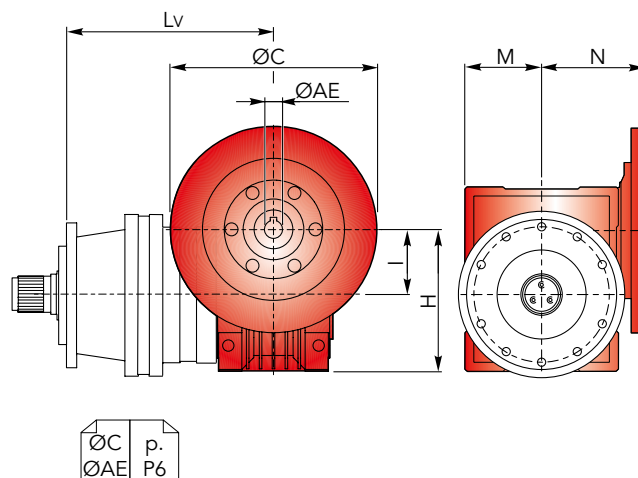
## DIMENSIONI CMS

## CMS DIMENSIONS

CHPL 5000 CMS - Riduttore a vite senza fine CHM in entrata CHPL 5000 CMS - CHM input worm gearboxes

| CHPL | CHM 50 |    |     |    |    | CHM 63 |    |     |    |    |
|------|--------|----|-----|----|----|--------|----|-----|----|----|
|      | Lv     | I  | H   | M  | N  | Lv     | I  | H   | M  | N  |
| 5001 | 302.5  | 50 | 110 | 60 | 80 | 312    | 63 | 135 | 72 | 95 |
| 5002 | 363.5  |    |     |    |    | 373    |    |     |    |    |
| 5003 | 411.5  |    |     |    |    | 421    |    |     |    |    |
| 5004 | 459.5  |    |     |    |    | 469    |    |     |    |    |

| CHPL | CHM 75 |    |     |    |       | CHM 90 |    |     |     |       |
|------|--------|----|-----|----|-------|--------|----|-----|-----|-------|
|      | Lv     | I  | H   | M  | N     | Lv     | I  | H   | M   | N     |
| 5001 | 291    | 75 | 161 | 86 | 112.5 | 301    | 90 | 193 | 103 | 129.5 |
| 5002 | 352    |    |     |    |       | 362    |    |     |     |       |
| 5003 | 400    |    |     |    |       | 410    |    |     |     |       |
| 5004 | 448    |    |     |    |       | 458    |    |     |     |       |

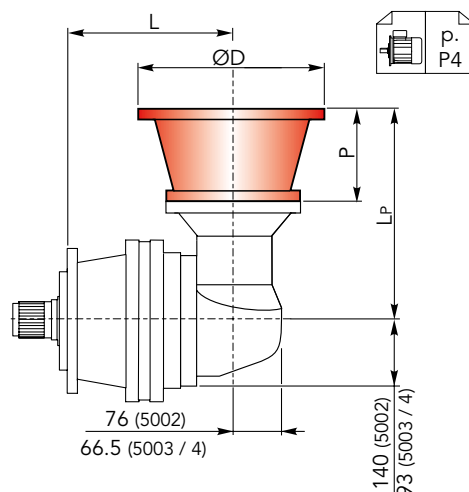


## CHPLB 5000 CMS - Flange motori IEC

## CHPLB 5000 CMS - 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  |
| 5002  | 278.5  | 276 | 36 | 140 | 278.5  | 276 | 36 | 160 | 278.5  | 296 | 56 | 200 | 278.5  | 296 | 56 | 200 |
| 5003  | 313    | 196 |    |     | 313    | 196 |    |     | 313    | 216 |    |     | 313    | 216 |    |     |
| 5004  | 361    |     |    |     | 361    |     |    |     | 361    |     |    |     | 361    |     |    |     |

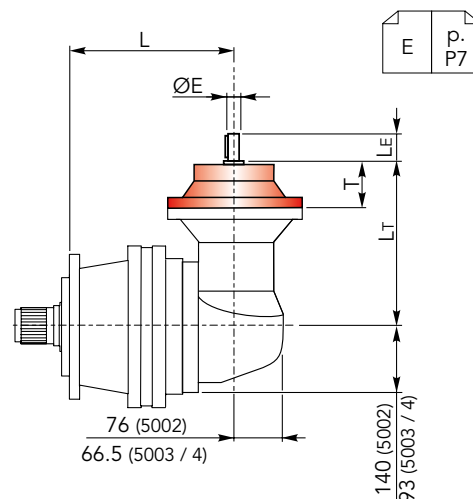
| CHPLB | IEC 100 |     |    |     | IEC 112 |     |    |     | IEC 132 |     |     |     | IEC 160 |     |     |     |
|-------|---------|-----|----|-----|---------|-----|----|-----|---------|-----|-----|-----|---------|-----|-----|-----|
|       | L       | LP  | P  | ØD  | L       | LP  | P  | ØD  | L       | LP  | P   | ØD  | L       | LP  | P   | ØD  |
| 5002  | 278.5   | 306 | 66 | 250 | 278.5   | 306 | 66 | 250 | 278.5   | 340 | 100 | 300 | 278.5   | 379 | 139 | 350 |
| 5003  | 313     | 226 |    |     | 313     | 226 |    |     | 313     | 260 |     |     | -       |     |     |     |
| 5004  | 361     |     |    |     | 361     |     |    |     | 361     |     |     |     | -       |     |     |     |



## CHPLB 5000 CMS - Alberi maschi entrata

## CHPL 5000 CMS - Male input shafts

| CHPLB | CM42  |     |    |    |       | CM65  |       |       |     |       | CP65  |     |     |     |       |
|-------|-------|-----|----|----|-------|-------|-------|-------|-----|-------|-------|-----|-----|-----|-------|
|       | L     | Lt  | T  | LE | ØE    | L     | Lt    | T     | LE  | ØE    | L     | Lt  | T   | LE  | ØE    |
| 5002  | 278.5 | 333 | 93 | 82 | 42 h6 | 278.5 | 377.5 | 121.5 | 105 | 65 h6 | 278.5 | 409 | 153 | 105 | 65 h6 |
| 5003  | 313   | 253 |    |    |       | 313   | 297.5 |       |     |       | 313   | 329 |     |     |       |
| 5004  | 361   |     |    |    |       | 361   |       |       |     |       | 361   |     |     |     |       |



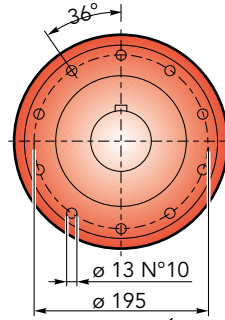
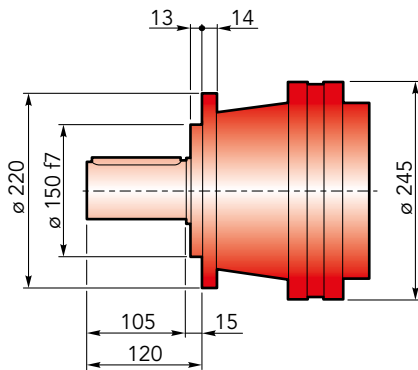
## CHPL/CHPLB 5000 CMC



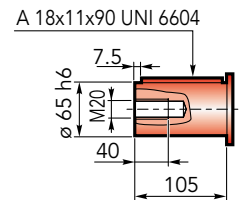
CHPL/CHPLB 5000

## DIMENSIONI CMC

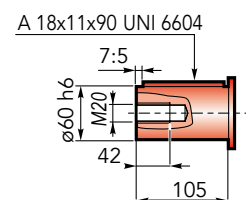
## CMC DIMENSIONS



M12 12.9 163 Nm



CMC Ø 65  
STANDARD



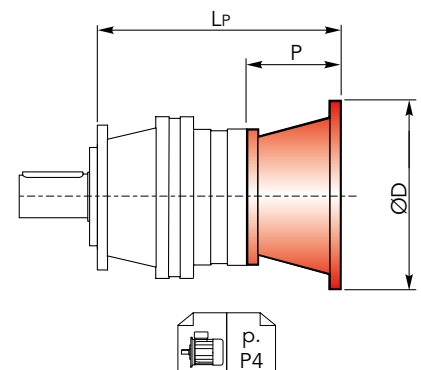
CPCS Ø 60

## CHPL 5000 CMC - Flange motori IEC

## CHPL 5000 CMC- IEC Motor flanges

| CHPL | IEC 63         |    |     | IEC 71         |    |     | IEC 80         |    |     | IEC 90         |    |     | IEC 100        |    |     |
|------|----------------|----|-----|----------------|----|-----|----------------|----|-----|----------------|----|-----|----------------|----|-----|
|      | L <sub>P</sub> | P  | ØD  | L <sub>P</sub> | P  | ØD  | L <sub>P</sub> | P  | ØD  | L <sub>P</sub> | P  | ØD  | L <sub>P</sub> | P  | ØD  |
| 5001 | 213            | 36 | 140 | 213            | 36 | 160 | 233            | 56 | 200 | 233            | 56 | 200 | 243            | 66 | 250 |
| 5002 | 274            |    |     | 274            |    |     | 294            |    |     | 294            |    |     | 304            |    |     |
| 5003 | 322            |    |     | 322            |    |     | 342            |    |     | 342            |    |     | 352            |    |     |
| 5004 | 370            |    |     | 370            |    |     | 390            |    |     | 390            |    |     | 400            |    |     |

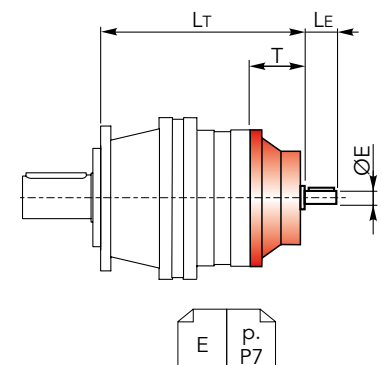
| CHPL | IEC 112        |    |     | IEC 132        |     |     | IEC 160        |     |     | IEC 180        |     |     |
|------|----------------|----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|
|      | L <sub>P</sub> | P  | ØD  | L <sub>P</sub> | P   | ØD  | L <sub>P</sub> | P   | ØD  | L <sub>P</sub> | P   | ØD  |
| 5001 | 243            | 66 | 250 | 277            | 100 | 300 | 316            | 139 | 350 | 316            | 139 | 350 |
| 5002 | 304            |    |     | 338            |     |     | 377            |     |     | -              |     |     |
| 5003 | 352            |    |     | 386            |     |     | 425            |     |     | -              |     |     |
| 5004 | 400            |    |     | 434            |     |     | -              |     |     | -              |     |     |



## CHPL 5000 CMC - Alberi maschi entrata

## CHPL 5000 CMC - Male input shafts

| CHPL | CM42           |    |                |       | CM65           |       |                |       | CP65           |     |                |       |
|------|----------------|----|----------------|-------|----------------|-------|----------------|-------|----------------|-----|----------------|-------|
|      | L <sub>T</sub> | T  | L <sub>E</sub> | ØE    | L <sub>T</sub> | T     | L <sub>E</sub> | ØE    | L <sub>T</sub> | T   | L <sub>E</sub> | ØE    |
| 5001 | 270            | 93 | 82             | 42 h6 | 312            | 121.5 | 105            | 65 h6 | 343.5          | 153 | 105            | 65 h6 |
| 5002 | 331            |    |                |       | -              | -     | -              | -     | -              | -   | -              | -     |
| 5003 | 379            |    |                |       | -              | -     | -              | -     | -              | -   | -              | -     |
| 5004 | 427            |    |                |       | -              | -     | -              | -     | -              | -   | -              | -     |





## CHPL/CHPLB 5000 CMC

E7

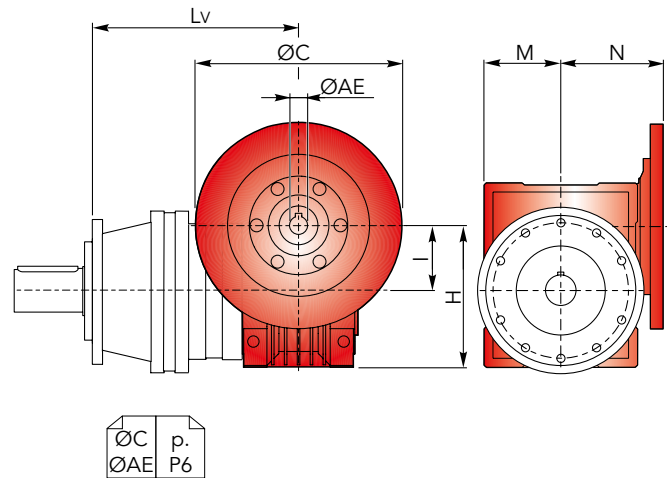
## DIMENSIONI CMC

## CMC DIMENSIONS

CHPL 5000 CMC - Riduttore a vite senza fine CHM in entrata CHPL 5000 CMC - CHM input worm gearboxes

| CHPL | CHM 50 |    |     |    |    | CHM 63 |    |     |    |    |
|------|--------|----|-----|----|----|--------|----|-----|----|----|
|      | Lv     | I  | H   | M  | N  | Lv     | I  | H   | M  | N  |
| 5001 | 302.5  | 50 | 110 | 60 | 80 | 312    | 63 | 135 | 72 | 95 |
| 5002 | 363.5  |    |     |    |    | 373    |    |     |    |    |
| 5003 | 411.5  |    |     |    |    | 421    |    |     |    |    |
| 5004 | 459.5  |    |     |    |    | 469    |    |     |    |    |

| CHPL | CHM 75 |    |     |    |       | CHM 90 |    |     |     |       |
|------|--------|----|-----|----|-------|--------|----|-----|-----|-------|
|      | Lv     | I  | H   | M  | N     | Lv     | I  | H   | M   | N     |
| 5001 | 291    | 75 | 161 | 86 | 112.5 | 301    | 90 | 193 | 103 | 129.5 |
| 5002 | 352    |    |     |    |       | 362    |    |     |     |       |
| 5003 | 400    |    |     |    |       | 410    |    |     |     |       |
| 5004 | 448    |    |     |    |       | 458    |    |     |     |       |



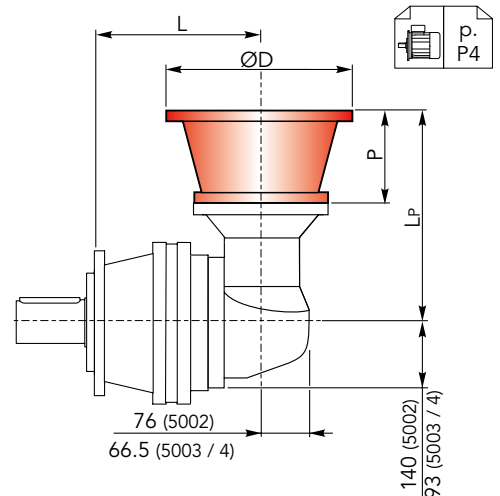
CHPL/CHPLB 5000

## CHPLB 5000 CMC - Flange motori IEC

## CHPLB 5000 CMC - 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  |
| 5002  | 278.5  | 276 | 36 | 140 | 278.5  | 276 | 36 | 160 | 278.5  | 296 | 56 | 200 | 278.5  | 296 | 56 | 200 |
| 5003  | 313    | 196 |    |     | 313    | 196 |    |     | 313    | 216 |    |     | 313    | 216 |    |     |
| 5004  | 361    |     |    |     | 361    |     |    |     | 361    |     |    |     | 361    |     |    |     |

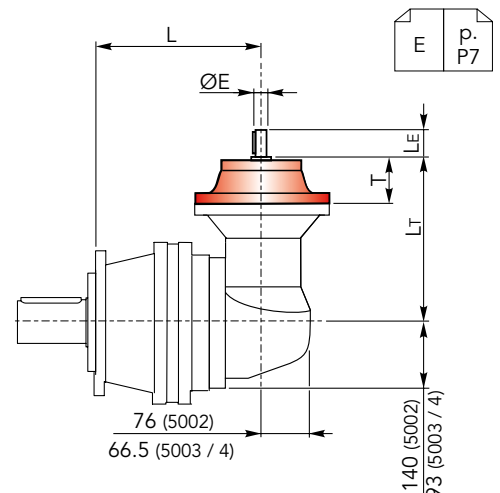
| CHPLB | IEC 100 |     |    |     | IEC 112 |     |    |     | IEC 132 |     |     |     | IEC 160 |     |     |     |
|-------|---------|-----|----|-----|---------|-----|----|-----|---------|-----|-----|-----|---------|-----|-----|-----|
|       | L       | LP  | P  | ØD  | L       | LP  | P  | ØD  | L       | LP  | P   | ØD  | L       | LP  | P   | ØD  |
| 5002  | 278.5   | 306 | 66 | 250 | 278.5   | 306 | 66 | 250 | 278.5   | 340 | 100 | 300 | 278.5   | 379 | 139 | 350 |
| 5003  | 313     | 226 |    |     | 313     | 226 |    |     | 313     | 260 |     |     | -       |     |     |     |
| 5004  | 361     |     |    |     | 361     |     |    |     | 361     |     |     |     | -       |     |     |     |



## CHPLB 5000 CMC - Alberi maschi entrata

## CHPL 5000 CMC - Male input shafts

| CHPLB | CM42  |     |    |    |       | CM65  |       |       |     |       | CP65  |     |     |     |       |
|-------|-------|-----|----|----|-------|-------|-------|-------|-----|-------|-------|-----|-----|-----|-------|
|       | L     | LT  | T  | LE | ØE    | L     | LT    | T     | LE  | ØE    | L     | LT  | T   | LE  | ØE    |
| 5002  | 278.5 | 333 | 93 | 82 | 42 h6 | 278.5 | 377.5 | 121.5 | 105 | 65 h6 | 278.5 | 409 | 153 | 105 | 65 h6 |
| 5003  | 313   | 253 |    |    |       | 313   | 297.5 |       |     |       | 313   | 329 |     |     |       |
| 5004  | 361   |     |    |    |       | 361   |       |       |     |       | 361   |     |     |     |       |



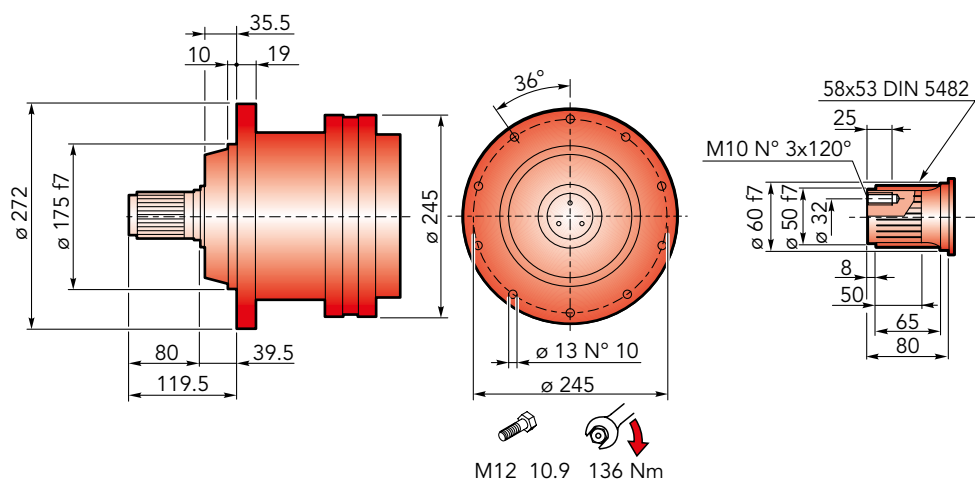
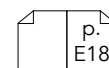
## CHPL/CHPLB 5000 CPS



CHPL/CHPLB 5000

## DIMENSIONI CPS

## CPS DIMENSIONS

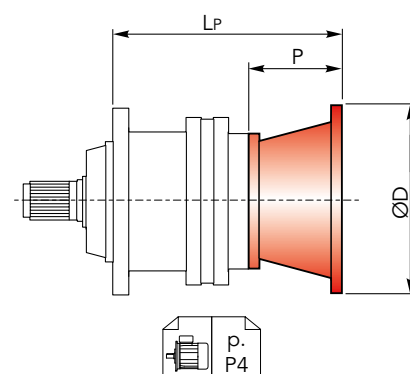
Accessori  
Accessories

## CHPL 5000 CPS - Flange motori IEC

## CHPL 5000 CPS- IEC Motor flanges

| CHPL | IEC 63         |    |     | IEC 71         |    |     | IEC 80         |    |     | IEC 90         |    |     | IEC 100        |    |     |
|------|----------------|----|-----|----------------|----|-----|----------------|----|-----|----------------|----|-----|----------------|----|-----|
|      | L <sub>P</sub> | P  | ØD  | L <sub>P</sub> | P  | ØD  | L <sub>P</sub> | P  | ØD  | L <sub>P</sub> | P  | ØD  | L <sub>P</sub> | P  | ØD  |
| 5001 | 220            | 36 | 140 | 220            | 36 | 160 | 240            | 56 | 200 | 240            | 56 | 200 | 250            | 66 | 250 |
| 5002 | 281            |    |     | 281            |    |     | 301            |    |     | 301            |    |     | 311            |    |     |
| 5003 | 329            |    |     | 329            |    |     | 349            |    |     | 349            |    |     | 359            |    |     |
| 5004 | 377            |    |     | 377            |    |     | 397            |    |     | 397            |    |     | 407            |    |     |

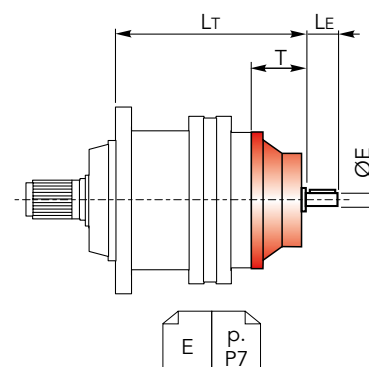
| CHPL | IEC 112        |    |     | IEC 132        |     |     | IEC 160        |     |     | IEC 180        |     |     |
|------|----------------|----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|
|      | L <sub>P</sub> | P  | ØD  | L <sub>P</sub> | P   | ØD  | L <sub>P</sub> | P   | ØD  | L <sub>P</sub> | P   | ØD  |
| 5001 | 250            | 66 | 250 | 284            | 100 | 300 | 323            | 139 | 350 | 323            | 139 | 350 |
| 5002 | 311            |    |     | 345            |     |     | 384            |     |     | -              | -   | -   |
| 5003 | 359            |    |     | 393            |     |     | 432            |     |     | -              | -   | -   |
| 5004 | 407            |    |     | 441            |     |     | -              |     |     | -              | -   | -   |



## CHPL 5000 CPS - Alberi maschi entrata

## CHPL 5000 CPS - Male input shafts

| CHPL | CM42           |    |                |       | CM65           |       |                |       | CP65           |     |                |       |
|------|----------------|----|----------------|-------|----------------|-------|----------------|-------|----------------|-----|----------------|-------|
|      | L <sub>T</sub> | T  | L <sub>E</sub> | ØE    | L <sub>T</sub> | T     | L <sub>E</sub> | ØE    | L <sub>T</sub> | T   | L <sub>E</sub> | ØE    |
| 5001 | 277            | 93 | 82             | 42 h6 | 319            | 121.5 | 105            | 65 h6 | 350.5          | 153 | 105            | 65 h6 |
| 5002 | 338            |    |                |       | -              | -     | -              | -     | -              | -   | -              | -     |
| 5003 | 386            |    |                |       | -              | -     | -              | -     | -              | -   | -              | -     |
| 5004 | 434            |    |                |       | -              | -     | -              | -     | -              | -   | -              | -     |





## CHPL/CHPLB 5000 CPS

E9

## DIMENSIONI CPS

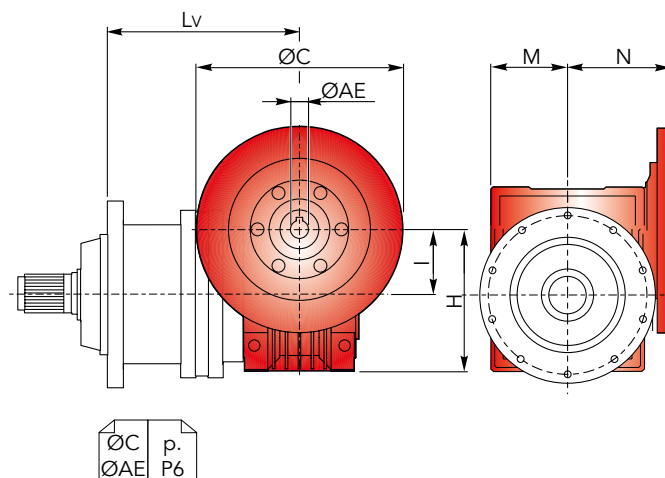
## CPS DIMENSIONS

CHPL 5000 CPS - Riduttore a vite senza fine CHM in entrata

CHPL 5000 CPS - CHM input worm gearboxes

| CHPL | CHM 50 |    |     |    |    | CHM 63 |    |     |    |    |
|------|--------|----|-----|----|----|--------|----|-----|----|----|
|      | Lv     | I  | H   | M  | N  | Lv     | I  | H   | M  | N  |
| 5001 | 309.5  | 50 | 110 | 60 | 80 | 319    | 63 | 135 | 72 | 95 |
| 5002 | 370.5  |    |     |    |    | 380    |    |     |    |    |
| 5003 | 418.5  |    |     |    |    | 428    |    |     |    |    |
| 5004 | 466.5  |    |     |    |    | 476    |    |     |    |    |

| CHPL | CHM 75 |    |     |    |       | CHM 90 |    |     |     |       |
|------|--------|----|-----|----|-------|--------|----|-----|-----|-------|
|      | Lv     | I  | H   | M  | N     | Lv     | I  | H   | M   | N     |
| 5001 | 298    | 75 | 161 | 86 | 112.5 | 308    | 90 | 193 | 103 | 129.5 |
| 5002 | 359    |    |     |    |       | 369    |    |     |     |       |
| 5003 | 407    |    |     |    |       | 417    |    |     |     |       |
| 5004 | 455    |    |     |    |       | 465    |    |     |     |       |



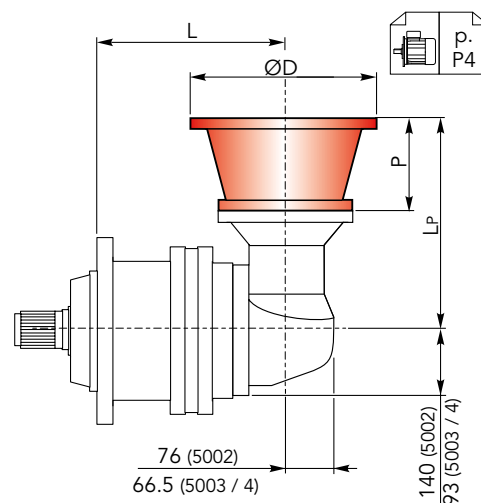
CHPL/CHPLB 5000

CHPLB 5000 CPS - Flange motori IEC

CHPLB 5000 CPS - 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  |
| 5002  | 285.5  | 276 | 36 | 140 | 285.5  | 276 | 36 | 160 | 285.5  | 296 | 56 | 200 | 285.5  | 296 | 56 | 200 |
| 5003  | 320    | 196 |    |     | 320    | 196 |    |     | 320    | 216 |    |     | 320    | 216 |    |     |
| 5004  | 368    |     |    |     | 368    |     |    |     | 368    |     |    |     | 368    |     |    |     |

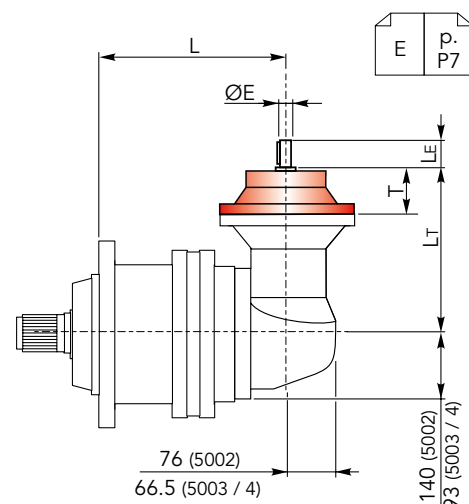
| CHPLB | IEC 100 |     |    |     | IEC 112 |     |    |     | IEC 132 |     |     |     | IEC 160 |     |     |     |
|-------|---------|-----|----|-----|---------|-----|----|-----|---------|-----|-----|-----|---------|-----|-----|-----|
|       | L       | LP  | P  | ØD  | L       | LP  | P  | ØD  | L       | LP  | P   | ØD  | L       | LP  | P   | ØD  |
| 5002  | 285.5   | 306 | 66 | 250 | 285.5   | 306 | 66 | 250 | 285.5   | 340 | 100 | 300 | 285.5   | 379 | 139 | 350 |
| 5003  | 320     | 226 |    |     | 320     | 226 |    |     | 320     | 260 |     |     | -       |     |     |     |
| 5004  | 368     |     |    |     | 368     |     |    |     | -       |     |     |     |         |     |     |     |



CHPLB 5000 CPS - Alberi maschi entrata

CHPL 5000 CPS - Male input shafts

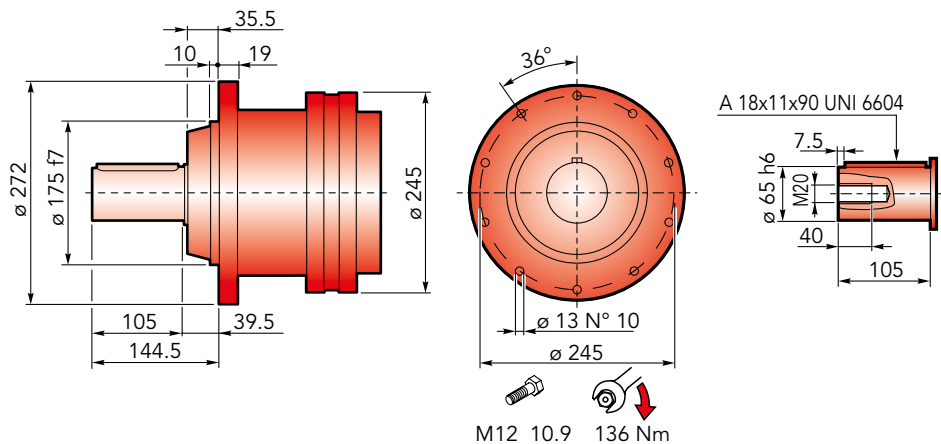
| CHPLB | CM42  |     |    |    |       | CM65  |       |       |     |       | CP65  |     |     |     |       |
|-------|-------|-----|----|----|-------|-------|-------|-------|-----|-------|-------|-----|-----|-----|-------|
|       | L     | LT  | T  | LE | ØE    | L     | LT    | T     | LE  | ØE    | L     | LT  | T   | LE  | ØE    |
| 5002  | 285.5 | 333 | 93 | 82 | 42 h6 | 285.5 | 377.5 | 121.5 | 105 | 65 h6 | 285.5 | 409 | 153 | 105 | 65 h6 |
| 5003  | 320   | 253 |    |    |       | 320   | 297.5 |       |     |       | 320   | 329 |     |     |       |
| 5004  | 368   |     |    |    |       | 368   |       |       |     |       | 368   |     |     |     |       |





## DIMENSIONI CPC

## CPC DIMENSIONS



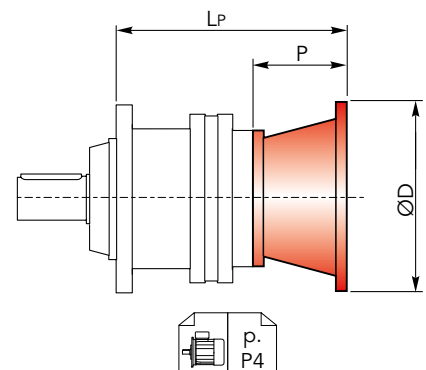
## CHPL 5000 CPC - Flange motori IEC

## CHPL 5000 CPC- IEC Motor flanges

| CHPL | IEC 63         |    |     | IEC 71         |    |     | IEC 80         |    |     | IEC 90         |    |     | IEC 100        |    |     |
|------|----------------|----|-----|----------------|----|-----|----------------|----|-----|----------------|----|-----|----------------|----|-----|
|      | L <sub>P</sub> | P  | ØD  | L <sub>P</sub> | P  | ØD  | L <sub>P</sub> | P  | ØD  | L <sub>P</sub> | P  | ØD  | L <sub>P</sub> | P  | ØD  |
| 5001 | 220            | 36 | 140 | 220            | 36 | 160 | 240            | 56 | 200 | 240            | 56 | 200 | 250            | 66 | 250 |
| 5002 | 281            |    |     | 281            |    |     | 301            |    |     | 301            |    |     | 311            |    |     |
| 5003 | 329            |    |     | 329            |    |     | 349            |    |     | 349            |    |     | 359            |    |     |
| 5004 | 377            |    |     | 377            |    |     | 397            |    |     | 397            |    |     | 407            |    |     |

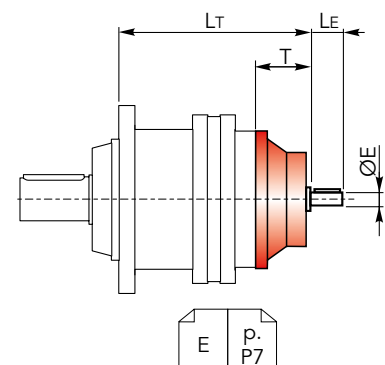
| CHPL | IEC 112        |    |     | IEC 132        |     |     | IEC 160        |     |     | IEC 180        |     |     |
|------|----------------|----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|
|      | L <sub>P</sub> | P  | ØD  | L <sub>P</sub> | P   | ØD  | L <sub>P</sub> | P   | ØD  | L <sub>P</sub> | P   | ØD  |
| 5001 | 250            | 66 | 250 | 284            | 100 | 300 | 323            | 139 | 350 | 323            | 139 | 350 |
| 5002 | 311            |    |     | 345            |     |     | 384            |     |     | -              | -   | -   |
| 5003 | 359            |    |     | 393            |     |     | 432            |     |     | -              | -   | -   |
| 5004 | 407            |    |     | 441            |     |     | -              |     |     | -              | -   | -   |



## CHPL 5000 CPC - Alberi maschi entrata

## CHPL 5000 CPC - Male input shafts

| CHPL | CM42           |    |                |       | CM65           |     |                |       | CP65           |       |                |       |
|------|----------------|----|----------------|-------|----------------|-----|----------------|-------|----------------|-------|----------------|-------|
|      | L <sub>T</sub> | T  | L <sub>E</sub> | ØE    | L <sub>T</sub> | T   | L <sub>E</sub> | ØE    | L <sub>T</sub> | T     | L <sub>E</sub> | ØE    |
| 5001 | 277            | 93 | 82             | 42 h6 | 319            | 121 | 105            | 65 h6 | 350.5          | 153.5 | 105            | 65 h6 |
| 5002 | 338            |    |                |       | -              | -   | -              | -     | -              | -     | -              | -     |
| 5003 | 386            |    |                |       | -              | -   | -              | -     | -              | -     | -              | -     |
| 5004 | 434            |    |                |       | -              | -   | -              | -     | -              | -     | -              | -     |





## CHPL/CHPLB 5000 CPC

E11

## DIMENSIONI CPC

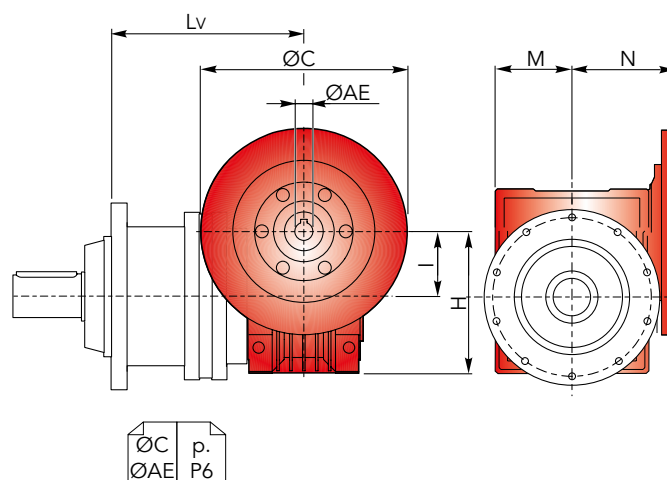
## CPC DIMENSIONS

CHPL 5000 CPC - Riduttore a vite senza fine CHM in entrata

CHPL 5000 CPC - CHM input worm gearboxes

| CHPL | CHM 50 |    |     |    |    | CHM 63 |    |     |    |    |
|------|--------|----|-----|----|----|--------|----|-----|----|----|
|      | Lv     | I  | H   | M  | N  | Lv     | I  | H   | M  | N  |
| 5001 | 309.5  | 50 | 110 | 60 | 80 | 319    | 63 | 135 | 72 | 95 |
| 5002 | 370.5  |    |     |    |    | 380    |    |     |    |    |
| 5003 | 418.5  |    |     |    |    | 428    |    |     |    |    |
| 5004 | 466.5  |    |     |    |    | 476    |    |     |    |    |

| CHPL | CHM 75 |    |     |    |       | CHM 90 |    |     |     |       |
|------|--------|----|-----|----|-------|--------|----|-----|-----|-------|
|      | Lv     | I  | H   | M  | N     | Lv     | I  | H   | M   | N     |
| 5001 | 298    | 75 | 161 | 86 | 112.5 | 308    | 90 | 193 | 103 | 129.5 |
| 5002 | 359    |    |     |    |       | 369    |    |     |     |       |
| 5003 | 407    |    |     |    |       | 417    |    |     |     |       |
| 5004 | 455    |    |     |    |       | 465    |    |     |     |       |



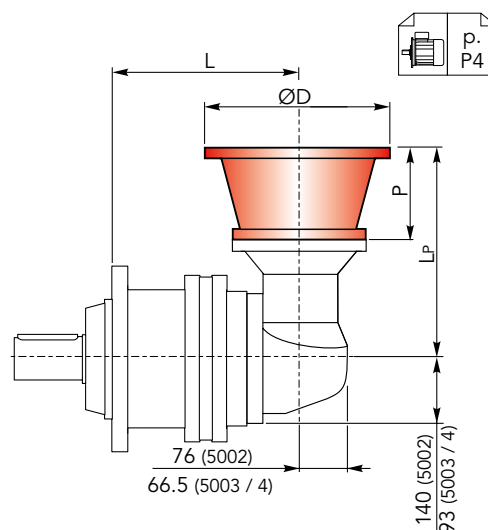
CHPL/CHPLB 5000

CHPLB 5000 CPC - Flange motori IEC

CHPLB 5000 CPC - 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  |
| 5002  | 285.5  | 276 | 36 | 140 | 285.5  | 276 | 36 | 160 | 285.5  | 296 | 56 | 200 | 285.5  | 296 | 56 | 200 |
| 5003  | 320    | 196 |    |     | 320    | 196 |    |     | 320    | 216 |    |     | 320    | 216 |    |     |
| 5004  | 368    |     |    |     | 368    |     |    |     | 368    |     |    |     | 368    |     |    |     |

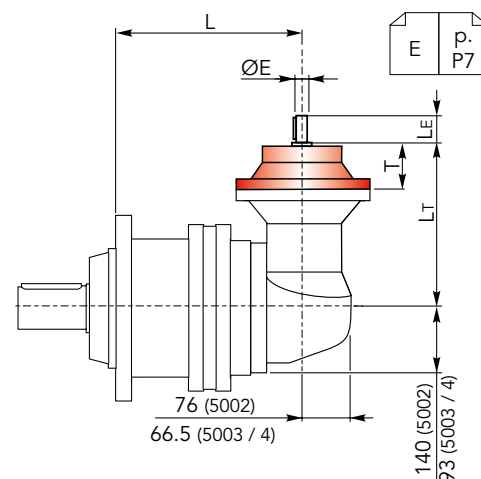
| CHPLB | IEC 100 |     |    |     | IEC 112 |     |    |     | IEC 132 |     |     |     | IEC 160 |     |     |     |
|-------|---------|-----|----|-----|---------|-----|----|-----|---------|-----|-----|-----|---------|-----|-----|-----|
|       | L       | LP  | P  | ØD  | L       | LP  | P  | ØD  | L       | LP  | P   | ØD  | L       | LP  | P   | ØD  |
| 5002  | 285.5   | 306 | 66 | 250 | 285.5   | 306 | 66 | 250 | 285.5   | 340 | 100 | 300 | 285.5   | 379 | 139 | 350 |
| 5003  | 320     | 226 |    |     | 320     | 226 |    |     | 320     | 260 |     |     | -       | -   |     |     |
| 5004  | 368     |     |    |     | 368     |     |    |     | 368     |     |     |     | -       | -   |     |     |



CHPLB 5000 CPC - Alberi maschi entrata

CHPL 5000 CPC - Male input shafts

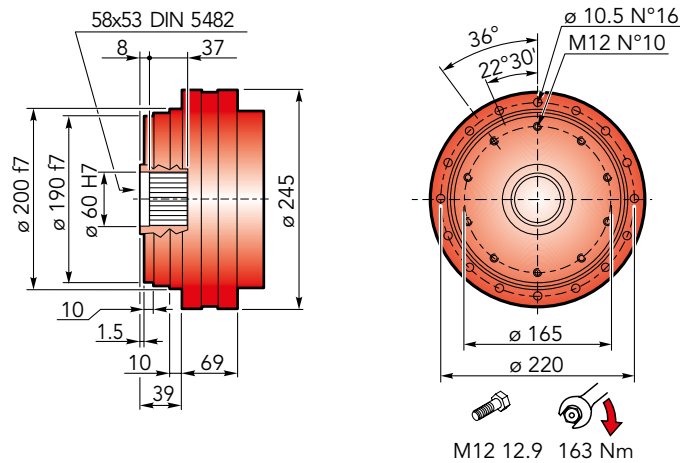
| CHPLB | CM42  |                |    |                |       | CM65  |                |       |                |       | CP65  |                |     |                |       |
|-------|-------|----------------|----|----------------|-------|-------|----------------|-------|----------------|-------|-------|----------------|-----|----------------|-------|
|       | L     | L <sub>T</sub> | T  | L <sub>E</sub> | ØE    | L     | L <sub>T</sub> | T     | L <sub>E</sub> | ØE    | L     | L <sub>T</sub> | T   | L <sub>E</sub> | ØE    |
| 5002  | 285.5 | 333            | 93 | 82             | 42 h6 | 285.5 | 377.5          | 121.5 | 105            | 65 h6 | 285.5 | 409            | 153 | 105            | 65 h6 |
| 5003  | 320   | 253            |    |                |       | 320   | 297.5          |       |                |       | 320   | 329            |     |                |       |
| 5004  | 368   |                |    |                |       | 368   |                |       |                |       | 368   |                |     |                |       |





## DIMENSIONI CF

## CF DIMENSIONS



Accessori  
Accessories

CHKB

p.  
E18

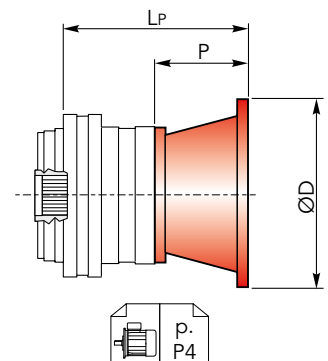
## CHPL 5000 CF - Flange motori IEC

## CHPL 5000 CF- IEC Motor flanges

| CHPL | IEC 63         |    |     | IEC 71         |    |     | IEC 80         |    |     | IEC 90         |    |     | IEC 100        |    |     |
|------|----------------|----|-----|----------------|----|-----|----------------|----|-----|----------------|----|-----|----------------|----|-----|
|      | L <sub>P</sub> | P  | ØD  | L <sub>P</sub> | P  | ØD  | L <sub>P</sub> | P  | ØD  | L <sub>P</sub> | P  | ØD  | L <sub>P</sub> | P  | ØD  |
| 5001 | 126.5          | 36 | 140 | 126.5          | 36 | 160 | 146.5          | 56 | 200 | 146.5          | 56 | 200 | 156.5          | 66 | 250 |
| 5002 | 187.5          |    |     | 187.5          |    |     | 207.5          |    |     | 207.5          |    |     | 217.5          |    |     |
| 5003 | 235.5          |    |     | 235.5          |    |     | 255.5          |    |     | 255.5          |    |     | 265.5          |    |     |
| 5004 | 283.5          |    |     | 283.5          |    |     | 303.5          |    |     | 303.5          |    |     | 313.5          |    |     |

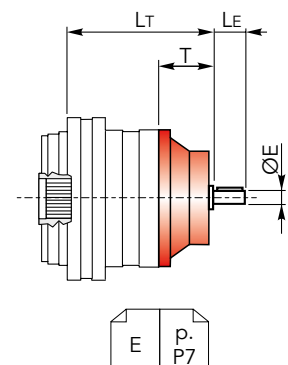
| CHPL | IEC 112        |    |     | IEC 132        |     |     | IEC 160        |     |     | IEC 180        |     |     |
|------|----------------|----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|
|      | L <sub>P</sub> | P  | ØD  | L <sub>P</sub> | P   | ØD  | L <sub>P</sub> | P   | ØD  | L <sub>P</sub> | P   | ØD  |
| 5001 | 156.5          | 66 | 250 | 190.5          | 100 | 300 | 229.5          | 139 | 350 | 229.5          | 139 | 350 |
| 5002 | 217.5          |    |     | 251.5          |     |     | 290.5          |     |     | -              | -   | -   |
| 5003 | 265.5          |    |     | 299.5          |     |     | 338.5          |     |     | -              | -   | -   |
| 5004 | 313.5          |    |     | 347.5          |     |     | -              |     |     | -              | -   | -   |



## CHPL 5000 CF - Alberi maschi entrata

## CHPL 5000 CF - Male input shafts

| CHPL | CM42           |    |                |       | CM65           |       |                |       | CP65           |     |                |       |
|------|----------------|----|----------------|-------|----------------|-------|----------------|-------|----------------|-----|----------------|-------|
|      | L <sub>T</sub> | T  | L <sub>E</sub> | ØE    | L <sub>T</sub> | T     | L <sub>E</sub> | ØE    | L <sub>T</sub> | T   | L <sub>E</sub> | ØE    |
| 5001 | 183.5          | 93 | 82             | 42 h6 | 225.5          | 121.5 | 105            | 65 h6 | 257            | 153 | 105            | 65 h6 |
| 5002 | 244.5          |    |                |       | -              | -     | -              | -     | -              | -   | -              | -     |
| 5003 | 292.5          |    |                |       | -              | -     | -              | -     | -              | -   | -              | -     |
| 5004 | 340.5          |    |                |       | -              | -     | -              | -     | -              | -   | -              | -     |





## CHPL/CHPLB 5000 CF

E13

## DIMENSIONI CF

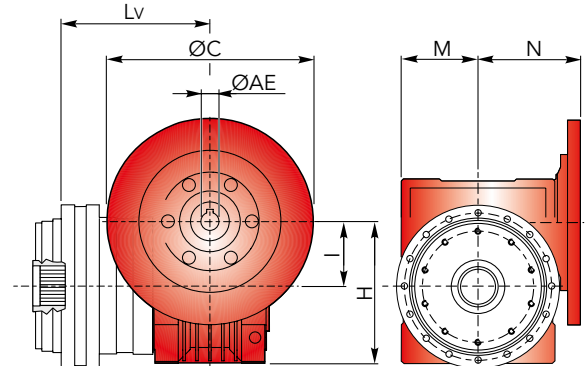
## CF DIMENSIONS

CHPL 5000 CF - Riduttore a vite senza fine CHM in entrata

CHPL 5000 CF - CHM input worm gearboxes

| CHPL | CHM 50 |    |     |    |    | CHM 63 |    |     |    |    |
|------|--------|----|-----|----|----|--------|----|-----|----|----|
|      | Lv     | I  | H   | M  | N  | Lv     | I  | H   | M  | N  |
| 5001 | 216    | 50 | 110 | 60 | 80 | 225.5  | 63 | 135 | 72 | 95 |
| 5002 | 277    |    |     |    |    | 286.5  |    |     |    |    |
| 5003 | 325    |    |     |    |    | 334.5  |    |     |    |    |
| 5004 | 373    |    |     |    |    | 382.5  |    |     |    |    |

| CHPL | CHM 75 |    |     |    |       | CHM 90 |    |     |     |       |
|------|--------|----|-----|----|-------|--------|----|-----|-----|-------|
|      | Lv     | I  | H   | M  | N     | Lv     | I  | H   | M   | N     |
| 5001 | 204.5  | 75 | 161 | 86 | 112.5 | 214.5  | 90 | 193 | 103 | 129.5 |
| 5002 | 265.5  |    |     |    |       | 275.5  |    |     |     |       |
| 5003 | 313.5  |    |     |    |       | 323.5  |    |     |     |       |
| 5004 | 361.5  |    |     |    |       | 371.5  |    |     |     |       |



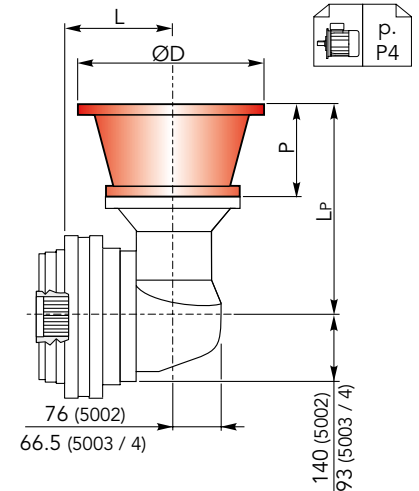
CHPL/CHPLB 5000

CHPLB 5000 CF - Flange motori IEC

CHPLB 5000 CF - 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  |
| 5002  | 192    | 276 | 36 | 140 | 192    | 276 | 36 | 160 | 192    | 296 | 56 | 200 | 192    | 296 | 56 | 200 |
| 5003  | 226.5  | 196 |    |     | 226.5  | 196 |    |     | 226.5  | 216 |    |     | 226.5  |     |    |     |
| 5004  | 274.5  |     |    |     | 274.5  |     |    |     | 274.5  |     |    |     | 274.5  |     |    |     |

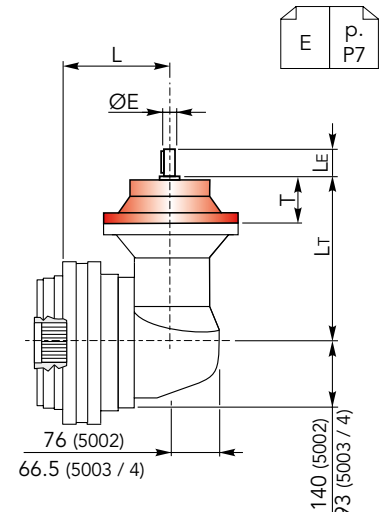
| CHPLB | IEC 100 |     |    |     | IEC 112 |     |    |     | IEC 132 |     |     |     | IEC 160 |     |     |     |
|-------|---------|-----|----|-----|---------|-----|----|-----|---------|-----|-----|-----|---------|-----|-----|-----|
|       | L       | LP  | P  | ØD  | L       | LP  | P  | ØD  | L       | LP  | P   | ØD  | L       | LP  | P   | ØD  |
| 5002  | 192     | 306 | 66 | 250 | 192     | 306 | 66 | 250 | 192     | 340 | 100 | 300 | 192     | 379 | 139 | 350 |
| 5003  | 226.5   | 226 |    |     | 226.5   | 226 |    |     | 226.5   | 260 |     |     | -       |     |     |     |
| 5004  | 274.5   |     |    |     | 274.5   |     |    |     | 274.5   |     |     |     | -       |     |     |     |



CHPLB 5000 CF - Alberi maschi entrata

CHPL 5000 CF - Male input shafts

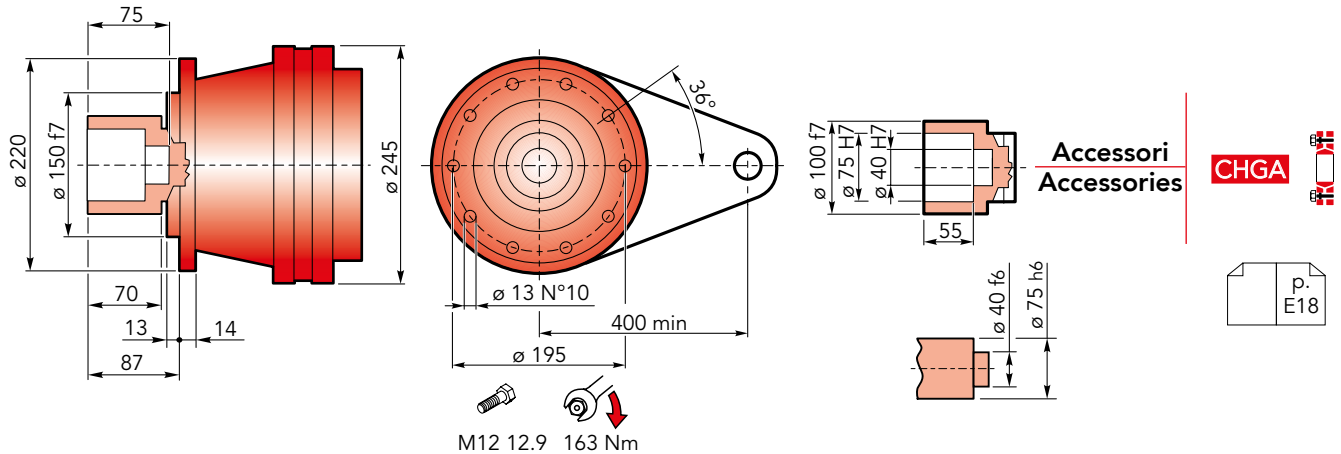
| CHPLB | CM42  |                |    |                |       | CM65  |                |       |                |       | CP65  |                |     |                |       |
|-------|-------|----------------|----|----------------|-------|-------|----------------|-------|----------------|-------|-------|----------------|-----|----------------|-------|
|       | L     | L <sub>T</sub> | T  | L <sub>E</sub> | ØE    | L     | L <sub>T</sub> | T     | L <sub>E</sub> | ØE    | L     | L <sub>T</sub> | T   | L <sub>E</sub> | ØE    |
| 5002  | 192   | 333            | 93 | 82             | 42 h6 | 192   | 377.5          | 121.5 | 105            | 65 h6 | 192   | 409            | 153 | 105            | 65 h6 |
| 5003  | 226.5 | 253            |    |                |       | 226.5 | 297.5          |       |                |       | 226.5 | 329            |     |                |       |
| 5004  | 274.5 |                |    |                |       | 274.5 |                |       |                |       | 274.5 |                |     |                |       |





## DIMENSIONI CFS

## CFS DIMENSIONS



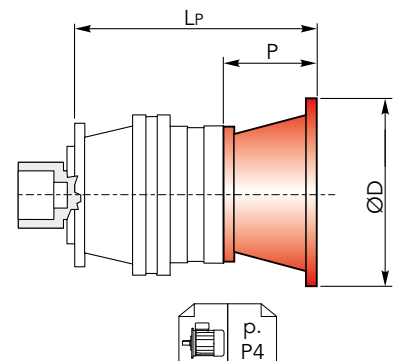
## CHPL 5000 CFS - Flange motori IEC

## CHPL 5000 CFS- IEC Motor flanges

| CHPL | IEC 63         |    |     | IEC 71         |    |     | IEC 80         |    |     | IEC 90         |    |     | IEC 100        |    |     |
|------|----------------|----|-----|----------------|----|-----|----------------|----|-----|----------------|----|-----|----------------|----|-----|
|      | L <sub>P</sub> | P  | ØD  | L <sub>P</sub> | P  | ØD  | L <sub>P</sub> | P  | ØD  | L <sub>P</sub> | P  | ØD  | L <sub>P</sub> | P  | ØD  |
| 5001 | 213            |    |     | 213            |    |     | 233            |    |     | 233            |    |     | 243            |    |     |
| 5002 | 274            | 36 | 140 | 274            | 36 | 160 | 294            | 56 | 200 | 294            | 56 | 200 | 304            | 66 | 250 |
| 5003 | 322            |    |     | 322            |    |     | 342            |    |     | 342            |    |     | 352            |    |     |
| 5004 | 370            |    |     | 370            |    |     | 390            |    |     | 390            |    |     | 400            |    |     |

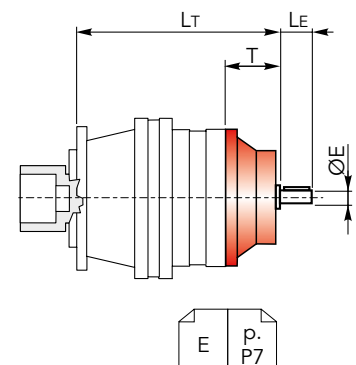
| CHPL | IEC 112        |    |     | IEC 132        |     |     | IEC 160        |     |     | IEC 180        |     |     |
|------|----------------|----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|
|      | L <sub>P</sub> | P  | ØD  | L <sub>P</sub> | P   | ØD  | L <sub>P</sub> | P   | ØD  | L <sub>P</sub> | P   | ØD  |
| 5001 | 243            |    |     | 277            |     |     | 316            |     |     | 316            | 139 | 350 |
| 5002 | 304            | 66 | 250 | 338            | 100 | 300 | 377            | 139 | 350 | -              | -   | -   |
| 5003 | 352            |    |     | 386            |     |     | 425            |     |     | -              | -   | -   |
| 5004 | 400            |    |     | 434            |     |     | -              | -   | -   | -              | -   | -   |



## CHPL 5000 CFS - Alberi maschi entrata

## CHPL 5000 CFS - Male input shafts

| CHPL | CM42           |    |                |       | CM65           |       |                |       | CP65           |     |                |       |
|------|----------------|----|----------------|-------|----------------|-------|----------------|-------|----------------|-----|----------------|-------|
|      | L <sub>T</sub> | T  | L <sub>E</sub> | ØE    | L <sub>T</sub> | T     | L <sub>E</sub> | ØE    | L <sub>T</sub> | T   | L <sub>E</sub> | ØE    |
| 5001 | 270            |    |                |       | 312            | 121.5 | 105            | 65 h6 | 343.5          | 153 | 105            | 65 h6 |
| 5002 | 331            | 93 | 82             | 42 h6 | -              | -     | -              | -     | -              | -   | -              | -     |
| 5003 | 379            |    |                |       | -              | -     | -              | -     | -              | -   | -              | -     |
| 5004 | 427            |    |                |       | -              | -     | -              | -     | -              | -   | -              | -     |





## CHPL/CHPLB 5000 CFS

E15

## DIMENSIONI CFS

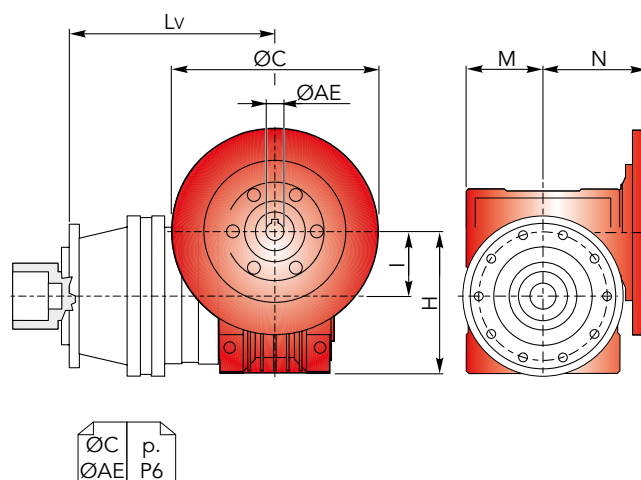
## CFS DIMENSIONS

CHPL 5000 CFS - Riduttore a vite senza fine CHM in entrata

CHPL 5000 CFS - CHM input worm gearboxes

| CHPL | CHM 50 |    |     |    |    | CHM 63 |    |     |    |    |
|------|--------|----|-----|----|----|--------|----|-----|----|----|
|      | Lv     | I  | H   | M  | N  | Lv     | I  | H   | M  | N  |
| 5001 | 302.5  | 50 | 110 | 60 | 80 | 312    | 63 | 135 | 72 | 95 |
| 5002 | 363.5  |    |     |    |    | 373    |    |     |    |    |
| 5003 | 411.5  |    |     |    |    | 421    |    |     |    |    |
| 5004 | 459.5  |    |     |    |    | 469    |    |     |    |    |

| CHPL | CHM 75 |    |     |    |       | CHM 90 |    |     |     |       |
|------|--------|----|-----|----|-------|--------|----|-----|-----|-------|
|      | Lv     | I  | H   | M  | N     | Lv     | I  | H   | M   | N     |
| 5001 | 291    | 75 | 161 | 86 | 112.5 | 301    | 90 | 193 | 103 | 129.5 |
| 5002 | 352    |    |     |    |       | 362    |    |     |     |       |
| 5003 | 400    |    |     |    |       | 410    |    |     |     |       |
| 5004 | 448    |    |     |    |       | 458    |    |     |     |       |



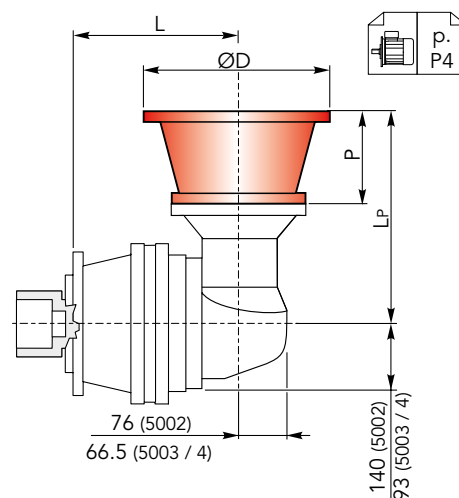
CHPL/CHPLB 5000

CHPLB 5000 CFS - Flange motori IEC

CHPLB 5000 CFS - 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  |
| 5002  | 278.5  | 276 | 36 | 140 | 278.5  | 276 | 36 | 160 | 278.5  | 296 | 56 | 200 | 278.5  | 296 | 56 | 200 |
| 5003  | 313    | 196 |    |     | 313    | 196 |    |     | 313    | 216 |    |     | 313    | 216 |    |     |
| 5004  | 361    |     |    |     | 361    |     |    |     | 361    |     |    |     | 361    |     |    |     |

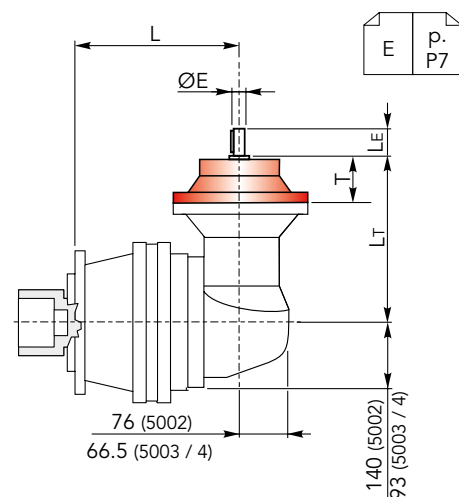
| CHPLB | IEC 100 |     |    |     | IEC 112 |     |    |     | IEC 132 |     |     |     | IEC 160 |     |     |     |
|-------|---------|-----|----|-----|---------|-----|----|-----|---------|-----|-----|-----|---------|-----|-----|-----|
|       | L       | LP  | P  | ØD  | L       | LP  | P  | ØD  | L       | LP  | P   | ØD  | L       | LP  | P   | ØD  |
| 5002  | 278.5   | 306 | 66 | 250 | 278.5   | 306 | 66 | 250 | 278.5   | 340 | 100 | 300 | 278.5   | 379 | 139 | 350 |
| 5003  | 313     | 226 |    |     | 313     | 226 |    |     | 313     | 260 |     |     | -       | -   | -   | -   |
| 5004  | 361     |     |    |     | 361     |     |    |     | 361     |     |     |     | -       | -   | -   | -   |



CHPLB 5000 CFS - Alberi entrata

CHPL 5000 CFS - Male input shafts

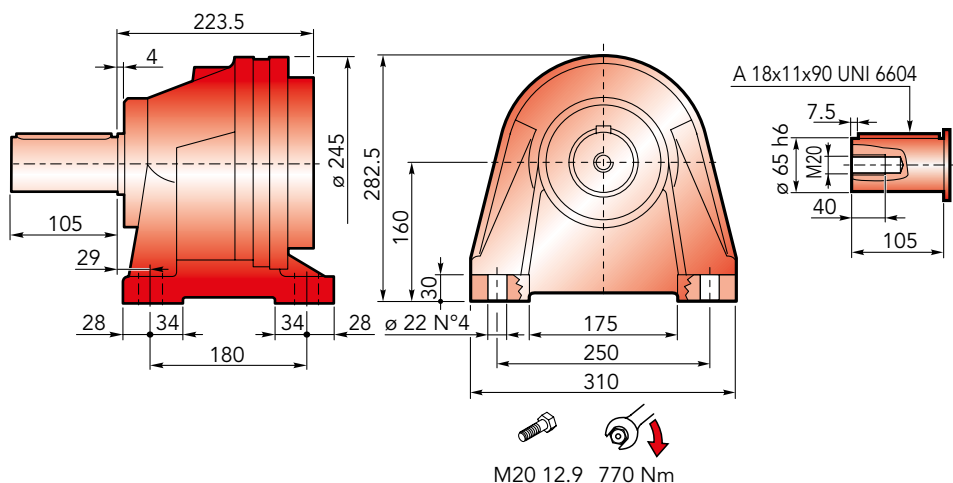
| CHPLB | CM42  |     |    |    |       | CM65  |       |       |     |       | CP65  |     |     |     |       |
|-------|-------|-----|----|----|-------|-------|-------|-------|-----|-------|-------|-----|-----|-----|-------|
|       | L     | LT  | T  | LE | ØE    | L     | LT    | T     | LE  | ØE    | L     | LT  | T   | LE  | ØE    |
| 5002  | 278.5 | 333 | 93 | 82 | 42 h6 | 278.5 | 377.5 | 121.5 | 105 | 65 h6 | 278.5 | 409 | 153 | 105 | 65 h6 |
| 5003  | 313   | 253 |    |    |       | 313   | 297.5 |       |     |       | 313   | 329 |     |     |       |
| 5004  | 361   |     |    |    |       | 361   |       |       |     |       | 361   |     |     |     |       |





## DIMENSIONI CCPC

## CCPC DIMENSIONS

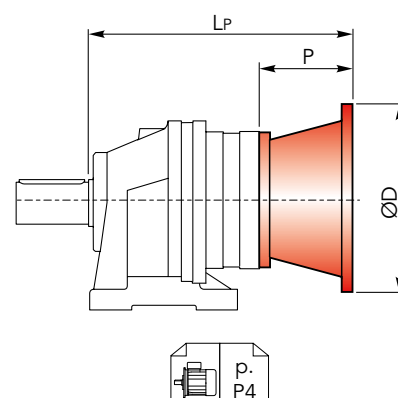


## CHPL 5000 CCPC - Flange motori IEC

### CHPL 5000 CCPC- IEC Motor flanges

| CHPL | IEC 63 |    |     | IEC 71 |    |     | IEC 80 |    |     | IEC 90 |    |     | IEC 100 |    |     |
|------|--------|----|-----|--------|----|-----|--------|----|-----|--------|----|-----|---------|----|-----|
|      | LP     | P  | ØD  | LP     | P  | ØD  | LP     | P  | ØD  | LP     | P  | ØD  | LP      | P  | ØD  |
| 5001 | 259.5  | 36 | 140 | 259.5  | 36 | 160 | 279.5  | 56 | 200 | 279.5  | 56 | 200 | 289.5   | 66 | 250 |
| 5002 | 320.5  |    |     | 320.5  |    |     | 340.5  |    |     | 340.5  |    |     |         |    |     |
| 5003 | 368.5  |    |     | 368.5  |    |     | 388.5  |    |     | 388.5  |    |     |         |    |     |
| 5004 | 416.5  |    |     | 416.5  |    |     | 436.5  |    |     | 436.5  |    |     |         |    |     |

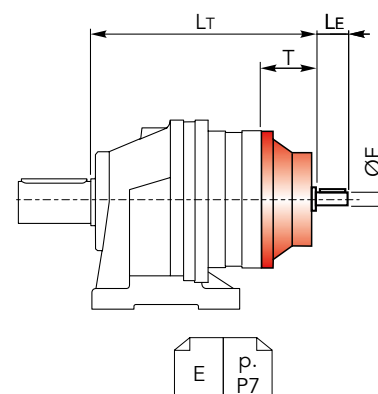
| CHPL | IEC 112 |    |     | IEC 132 |     |     | IEC 160 |     |     | IEC 180 |     |     |
|------|---------|----|-----|---------|-----|-----|---------|-----|-----|---------|-----|-----|
|      | LP      | P  | ØD  | LP      | P   | ØD  | LP      | P   | ØD  | LP      | P   | ØD  |
| 5001 | 289.5   | 66 | 250 | 323.5   | 100 | 300 | 362.5   | 139 | 350 | 362.5   | 139 | 350 |
| 5002 | 350.5   |    |     | 384.5   |     |     | 423.5   |     |     | -       |     |     |
| 5003 | 398.5   |    |     | 432.5   |     |     | 471.5   |     |     | -       |     |     |
| 5004 | 446.5   |    |     | 480.5   |     |     | -       |     |     | -       |     |     |



## CHPL 5000 CCPC - Alberi maschi entrata

### CHPL 5000 CCPC - Male input shafts

| CHPL | CM42  |    |    |       | CM65  |       |     |       | CP65 |     |     |       |
|------|-------|----|----|-------|-------|-------|-----|-------|------|-----|-----|-------|
|      | Lt    | T  | LE | ØE    | Lt    | T     | LE  | ØE    | Lt   | T   | LE  | ØE    |
| 5001 | 316.5 | 93 | 82 | 42 h6 | 358.5 | 121.5 | 105 | 65 h6 | 390  | 153 | 105 | 65 h6 |
| 5002 | 377.5 |    |    |       | -     |       |     |       | -    |     |     |       |
| 5003 | 425.5 |    |    |       | -     |       |     |       | -    |     |     |       |
| 5004 | 473.5 |    |    |       | -     |       |     |       | -    |     |     |       |





## CHPL/CHPLB 5000 CCPC

E17

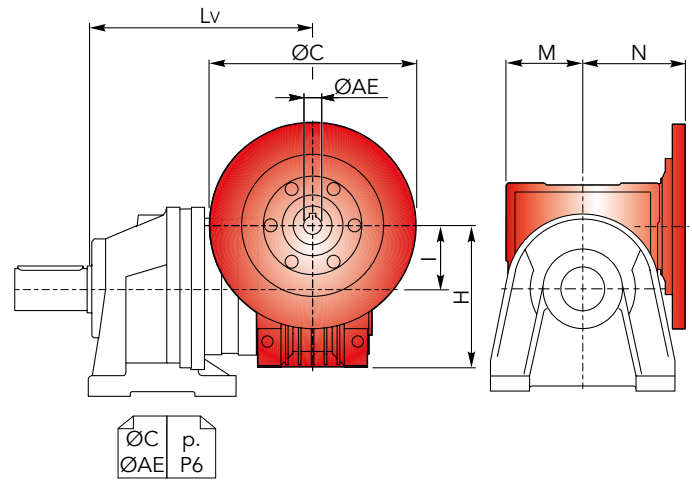
## DIMENSIONI CCPC

## CCPC DIMENSIONS

CHPL 5000 CCPC - Riduttore a vite senza fine CHM in entrata CHPL 5000 CCPC - CHM input worm gearboxes

| CHPL | CHM 50 |    |     |    |    | CHM 63 |    |     |    |    |
|------|--------|----|-----|----|----|--------|----|-----|----|----|
|      | Lv     | I  | H   | M  | N  | Lv     | I  | H   | M  | N  |
| 5001 | 349    | 50 | 110 | 60 | 80 | 358.5  | 63 | 135 | 72 | 95 |
| 5002 | 410    |    |     |    |    | 419.5  |    |     |    |    |
| 5003 | 458    |    |     |    |    | 467.5  |    |     |    |    |
| 5004 | 506    |    |     |    |    | 515.5  |    |     |    |    |

| CHPL | CHM 75 |    |     |    |       | CHM 90 |    |     |     |       |
|------|--------|----|-----|----|-------|--------|----|-----|-----|-------|
|      | Lv     | I  | H   | M  | N     | Lv     | I  | H   | M   | N     |
| 5001 | 337.5  | 75 | 161 | 86 | 112.5 | 347.5  | 90 | 193 | 103 | 129.5 |
| 5002 | 398.5  |    |     |    |       | 408.5  |    |     |     |       |
| 5003 | 446.5  |    |     |    |       | 456.5  |    |     |     |       |
| 5004 | 494.5  |    |     |    |       | 504.5  |    |     |     |       |



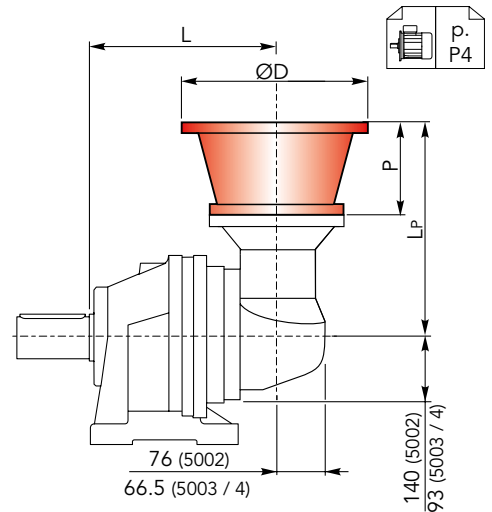
CHPL/CHPLB 5000

## CHPLB 5000 CCPC - Flange motori IEC

## CHPLB 5000 CCPC - 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  |
| 5002  | 325    | 276 | 36 | 140 | 325    | 276 | 36 | 160 | 325    | 296 | 56 | 200 | 325    | 296 | 56 | 200 |
| 5003  | 359.5  | 196 |    |     | 359.5  | 196 |    |     | 359.5  | 216 |    |     | 359.5  |     |    |     |
| 5004  | 407.5  |     |    |     | 407.5  |     |    |     | 407.5  |     |    |     | 407.5  |     |    |     |

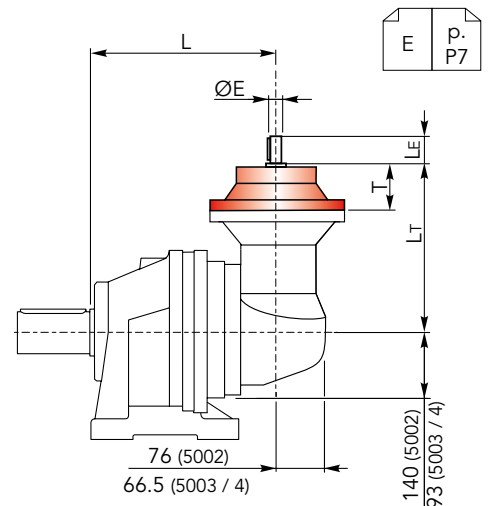
| CHPLB | IEC 100 |     |    |     | IEC 112 |     |    |     | IEC 132 |     |     |     | IEC 160 |     |     |     |
|-------|---------|-----|----|-----|---------|-----|----|-----|---------|-----|-----|-----|---------|-----|-----|-----|
|       | L       | LP  | P  | ØD  | L       | LP  | P  | ØD  | L       | LP  | P   | ØD  | L       | LP  | P   | ØD  |
| 5002  | 325     | 306 | 66 | 250 | 325     | 306 | 66 | 250 | 325     | 340 | 100 | 300 | 325     | 379 | 139 | 350 |
| 5003  | 359.5   | 226 |    |     | 359.5   | 226 |    |     | 359.5   | 260 |     |     | -       |     |     |     |
| 5004  | 407.5   |     |    |     | 407.5   |     |    |     | 407.5   |     |     |     | -       |     |     |     |



## CHPLB 5000 CCPC - Alberi maschi entrata

## CHPL 5000 CCPC - Male input shafts

| CHPLB | CM42  |     |    |    |       | CM65  |       |       |     |       | CP65  |     |     |     |       |
|-------|-------|-----|----|----|-------|-------|-------|-------|-----|-------|-------|-----|-----|-----|-------|
|       | L     | LT  | T  | LE | ØE    | L     | LT    | T     | LE  | ØE    | L     | LT  | T   | LE  | ØE    |
| 5002  | 325   | 333 | 93 | 82 | 42 h6 | 325   | 377.5 | 121.5 | 105 | 65 h6 | 325   | 409 | 153 | 105 | 65 h6 |
| 5003  | 359.5 | 253 |    |    |       | 359.5 | 297.5 |       |     |       | 359.5 | 329 |     |     |       |
| 5004  | 407.5 |     |    |    |       | 407.5 |       |       |     |       | 407.5 |     |     |     |       |





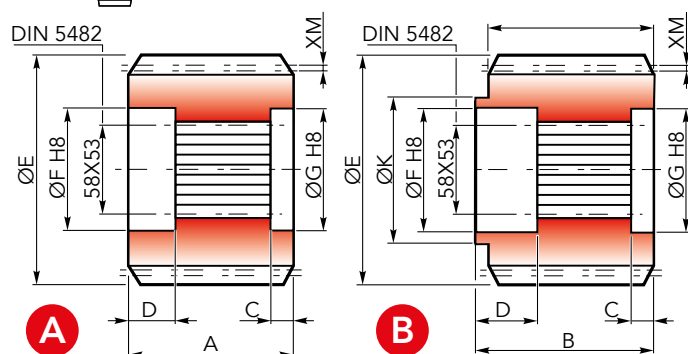
## ACCESSORI

## ACCESSORIES

CHYZ



Pignoni / Pinions

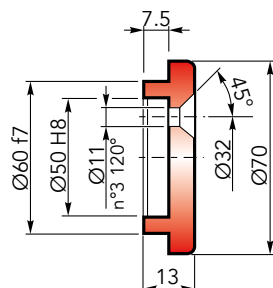


|   | Uscita / Output | M  | Z  | XM  | A   | B   | C   | D    | E     | F  | G  | K   | Codice / Code |
|---|-----------------|----|----|-----|-----|-----|-----|------|-------|----|----|-----|---------------|
| A | CMS             | 8  | 13 | 0   | 68  | -   | 8.5 | 22.5 | 120   | 60 | 60 | -   | 1071.218.042  |
|   | CMS             | 8  | 11 | 5   | 68  | -   | 8.5 | 22.5 | 110.8 | 60 | 60 | -   | 1071.258.042  |
|   | CMS             | 8  | 12 | 0   | 68  | -   | 8   | 21   | 112.8 | 60 | 60 | -   | 1071.196.042  |
|   | CMS             | 8  | 15 | 0   | 686 | -   | 8.5 | 22.5 | 136   | 60 | 60 | -   | 1071.163.042  |
|   | CPS             | 6  | 14 | 3   | 95  | -   | 23  | 21   | 99.6  | 60 | 60 | -   | 1071.160.042  |
|   | CPS             | 10 | 11 | 8   | 90  | -   | 8.5 | 22.5 | 142.1 | 60 | 60 | -   | 1071.297.042  |
| B | CPS             | 10 | 14 | 3.2 | 103 | 116 | 9.5 | 22.5 | 162.4 | 60 | 60 | 105 | 1071.298.042  |

CHFF



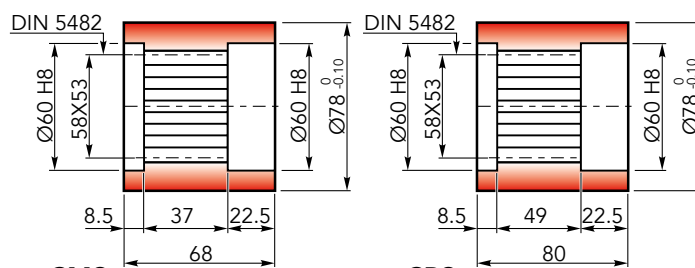
Fondello di arresto / Stop bottom plate

Codice / Code:  
1075.015.000

CHBS



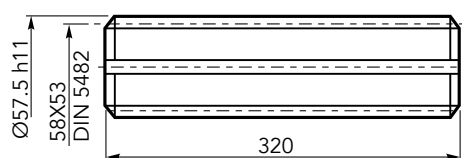
Boccola scanalata / Splined bushing

CMS  
Codice / Code:  
2171.101.076CPS  
Codice / Code:  
4171.101.076

CHKB



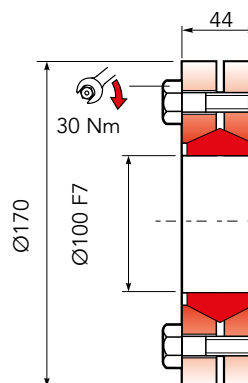
Barra scanalata / Splined rod

Codice / Code:  
3071.181.042

CHGA



Giunto di attrito / Shrink disc

Coppia max: 7500 Nm (1)  
Max Torque: 7500 Nm (1)Codice / Code:  
5109.100.000

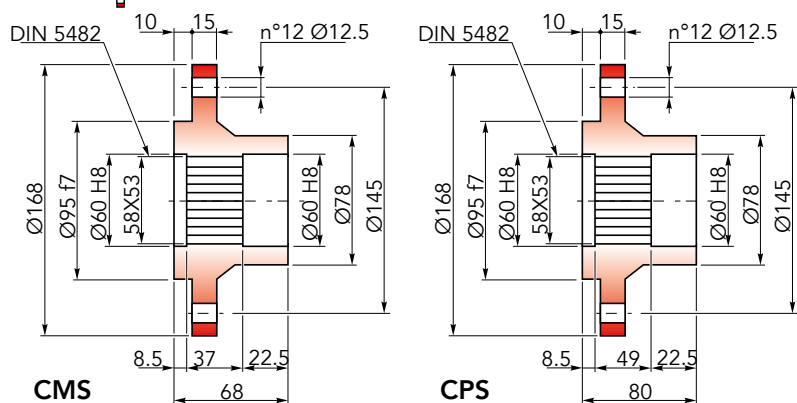
(1): Coppia max indicata è valida solo con calettatori forniti da Chiaravalli S.p.A.

(1): The maximum torque indicated is valid only with shrink discs supplied by Chiaravalli S.p.A.

CHFL



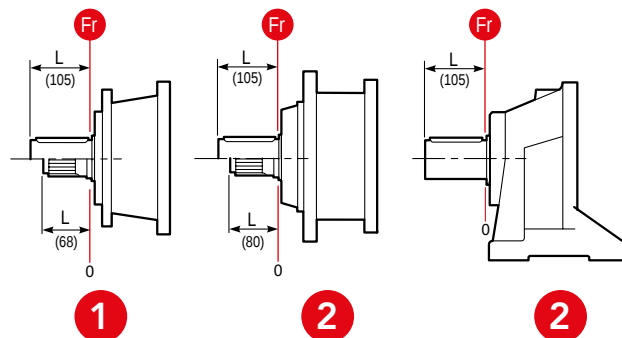
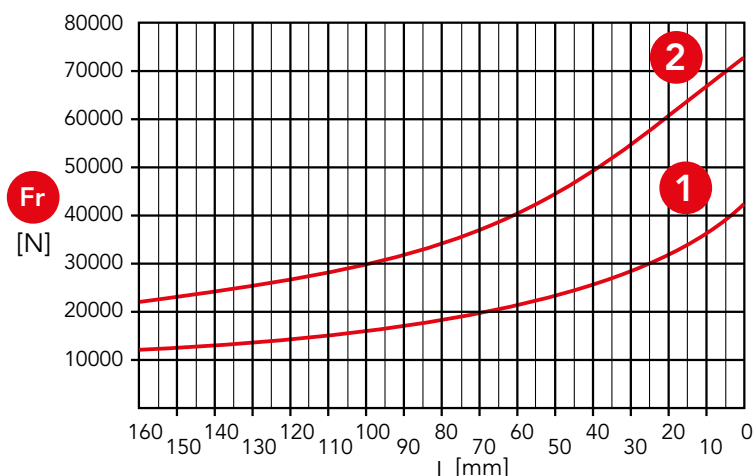
Flangia / Flange

CMS  
Codice / Code:  
2171.103.025CPS  
Codice / Code:  
4171.103.098

CARICHI RADIALI ( $F_r$ )RADIAL LOADS ( $F_r$ )

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

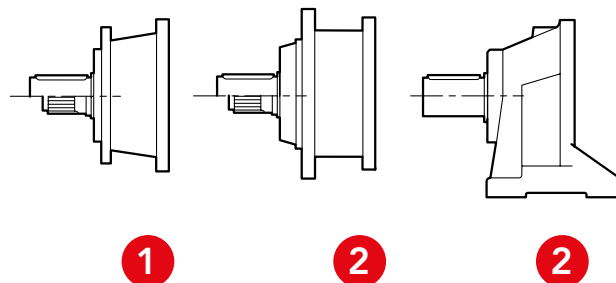
2 Uscita / Output: CPS, CPC, CCPC

CARICHI ASSIALI ( $F_a$ )AXIAL LOADS ( $F_a$ )

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     |   |
|-------|-------|-------|---|
| $F_a$ | 32000 | 32000 | ← |
| [N]   | 32000 | 48000 | → |



1 Uscita / Output: CMS, CMC

2 Uscita / Output: CPS, CPC, CCPC