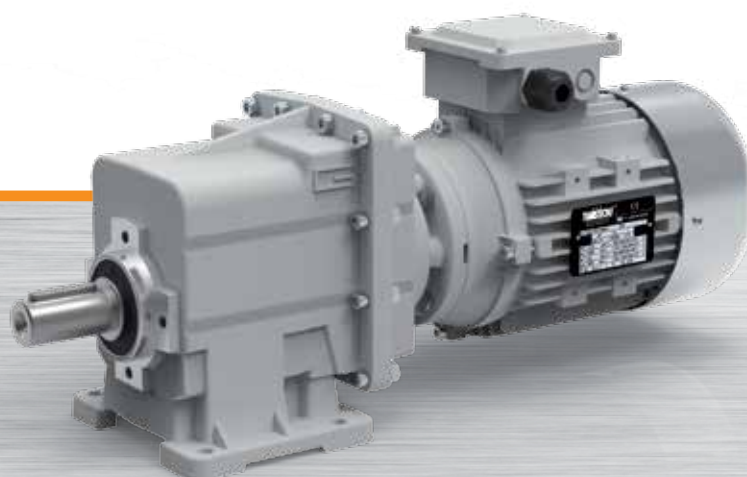
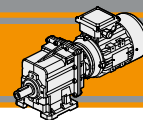




## Motoriduttori ad ingranaggi cilindrici Helical in-line gearmotors

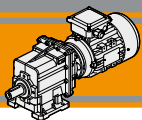




| Indice                   | Index                        | Pag.<br>Page |
|--------------------------|------------------------------|--------------|
| Caratteristiche tecniche | <i>Technical features</i>    | <b>B2</b>    |
| Designazione             | <i>Classification</i>        | <b>B3</b>    |
| Sensi di rotazione       | <i>Direction of rotation</i> | <b>B4</b>    |
| Simbologia               | <i>Symbols</i>               | <b>B4</b>    |
| Lubrificazione           | <i>Lubrication</i>           | <b>B4</b>    |
| Carichi radiali          | <i>Radial loads</i>          | <b>B5</b>    |
| Dati tecnici             | <i>Technical data</i>        | <b>B6</b>    |
| Dimensioni               | <i>Dimensions</i>            | <b>B18</b>   |

Questa sezione annulla e sostituisce ogni precedente edizione o revisione. Qualora questa sezione non Vi sia giunta in distribuzione controllata, l'aggiornamento dei dati ivi contenuto non è assicurato. **In tal caso la versione più aggiornata è disponibile sul nostro sito internet [www.transtecno.com](http://www.transtecno.com)**

*This section replaces any previous edition and revision. If you obtained this catalogue other than through controlled distribution channels, the most up to date content is not guaranteed. **In this case the latest version is available on our web site [www.transtecno.com](http://www.transtecno.com)***

**CMG****Motoriduttori ad ingranaggi cilindrici**  
**Helical in-line gearmotors****Caratteristiche tecniche**

I motoriduttori ad ingranaggi cilindrici della serie CMG sono caratterizzati da un elevato grado di modularità: partendo da un corpo di base è possibile configurarlo secondo le esigenze, con flangia o piede.

Caratteristiche comuni a tutta la serie:

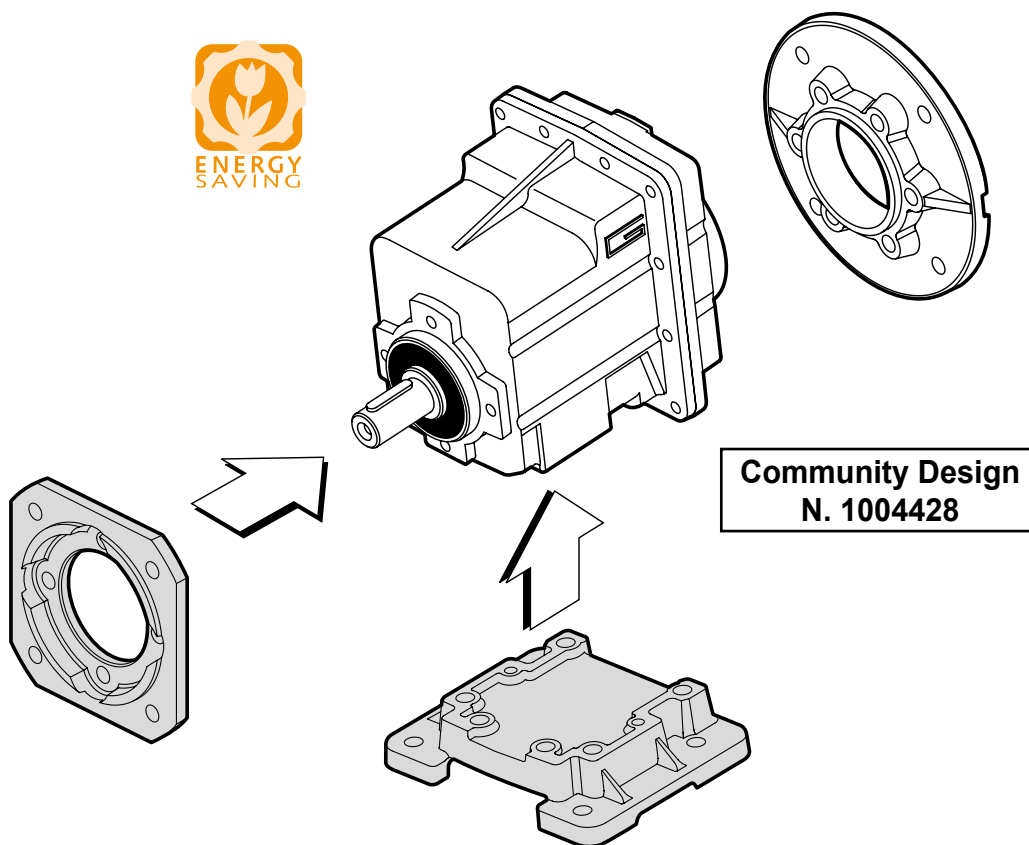
- Carcassa e flangia PAM in pressofusione di alluminio per le taglie 00, 01, 02, 03 e 04.
- Piedi e flange d'uscita in ghisa;
- Ingranaggi sempre rettificati;
- Lubrificazione permanente con olio sintetico.

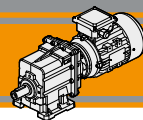
**Technical features**

*The high degree of modularity is a design feature of CMG helical in-line gearmotors range. It is possible to set up the version required using flanges or feet.*

*The main features of CMG range are:*

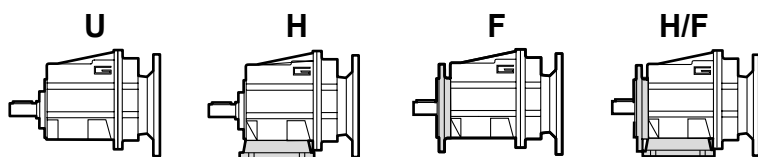
- *Die-cast aluminum housings and input flanges for sizes 00, 01, 02, 03 and 04.*
- *Cast iron feet and output flanges;*
- *Ground-hardened helical gears;*
- *Permanent synthetic oil long-life lubrication.*





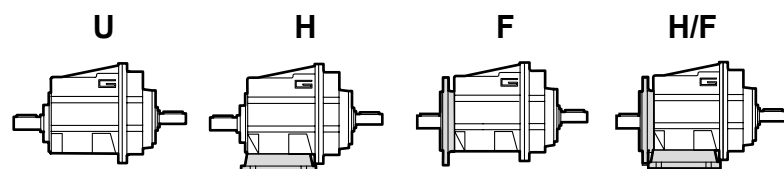
Designazione

Classification

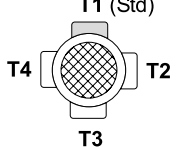


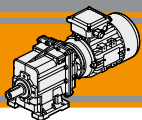
CMG

| RIDUTTORE / GEARBOX |                            |                 |                                   |                            |                               |                                                                                            |                                 |
|---------------------|----------------------------|-----------------|-----------------------------------|----------------------------|-------------------------------|--------------------------------------------------------------------------------------------|---------------------------------|
| CMG                 | 01                         | 2               | H65                               | 9.81                       | D20                           | 71                                                                                         | B14                             |
| Tipo<br>Type        | Grandezza<br>Size          | Stadi<br>Stages | Versione<br>Version               | Rapporto<br>Ratio          | Albero uscita<br>Output shaft | IEC<br> | Forma<br>costruttiva<br>Version |
| CMG                 | 00<br>01<br>02<br>03<br>04 | 2<br>3          | U...<br>H...<br>F...<br>H.../F... | vedi tabelle<br>see tables | vedi tabelle<br>see tables    | 56..<br>—<br>112..                                                                         | B5<br>B14                       |



| RIDUTTORE / GEARBOX |                      |                 |                                   |                            |                               |
|---------------------|----------------------|-----------------|-----------------------------------|----------------------------|-------------------------------|
| CMGIS               | 01                   | 2               | U                                 | 9.81                       | D20                           |
| Tipo<br>Type        | Grandezza<br>Size    | Stadi<br>Stages | Versione<br>Version               | Rapporto<br>Ratio          | Albero uscita<br>Output shaft |
| CMGIS               | 01<br>02<br>03<br>04 | 2<br>3          | U...<br>H...<br>F...<br>H.../F... | vedi tabelle<br>see tables | vedi tabelle<br>see tables    |

| MOTORE / MOTOR             |                      |                |                     |                        |                                                                                                   |
|----------------------------|----------------------|----------------|---------------------|------------------------|---------------------------------------------------------------------------------------------------|
| 0.75kW                     | 4p                   | 3ph            | 230/400V            | 50Hz                   | T1                                                                                                |
| Potenza<br>Power           | Poli<br>Poles        | Fasi<br>Phases | Tensione<br>Voltage | Frequenza<br>Frequency | Pos. morsettiera<br>Terminal box pos.                                                             |
| vedi tabelle<br>see tables | 2p<br>4p<br>6p<br>8p | 1ph<br>3ph     | 230V<br>230/400V    | 50Hz<br>60Hz           | T1 (Std)<br> |

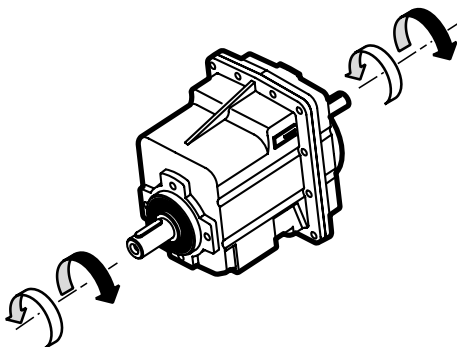

**CMG**

Motoriduttori ad ingranaggi cilindrici  
Helical in-line gearmotors

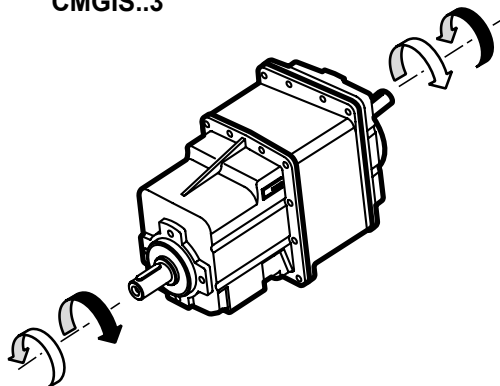
## Sensi di rotazione

## Direction of rotation

CMG...2  
CMGIS..2



CMG...3  
CMGIS..3



## Simbologia

## Symbols

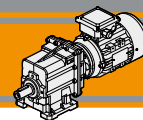
|          |                      |                                                                                                                  |
|----------|----------------------|------------------------------------------------------------------------------------------------------------------|
| $n_1$    | [min <sup>-1</sup> ] | Velocità in ingresso / <i>Input speed</i>                                                                        |
| $n_2$    | [min <sup>-1</sup> ] | Velocità in uscita / <i>Output speed</i>                                                                         |
| $i$      |                      | Rapporto di riduzione / <i>Ratio</i>                                                                             |
| $P_1$    | [kW]                 | Potenza in entrata / <i>Input power</i>                                                                          |
| $M_2$    | [Nm]                 | Coppia nominale in uscita in funzione di $P_1$ / <i>Output torque referred to <math>P_1</math></i>               |
| $P_{n1}$ | [kW]                 | Potenza nominale in entrata / <i>Nominal input power</i>                                                         |
| $M_{n2}$ | [Nm]                 | Coppia nominale in uscita in funzione di $P_{n1}$ / <i>Nominal output torque referred to <math>P_{n1}</math></i> |
| $sf$     |                      | Fattore di servizio / <i>Service factor</i>                                                                      |
| $R_2$    | [N]                  | Carico radiale ammissibile in uscita / <i>Permitted output radial load</i>                                       |
| $A_2$    | [N]                  | Carico assiale ammissibile in uscita / <i>Permitted output axial load</i>                                        |

## Lubrificazione

## Lubrication

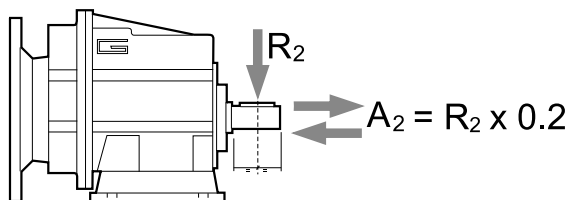
Tutti i motoriduttori nelle taglie 00, 01, 02, 03 e 04 sono forniti completi di lubrificante sintetico viscosità 320, pertanto possono essere installati in qualunque posizione di montaggio e non necessitano di manutenzione.

*Permanent synthetic oil long-life lubrication ( viscosity grade 320) makes it possible to use sizes 00, 01, 02, 03 and 04 in all mounting positions; for this reason they can be installed in any assembly position and do not require maintenance.*



## Carichi radiali

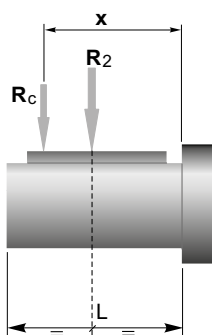
## Radial loads



| $n_2$<br>[min <sup>-1</sup> ] | $R_2$ [N] |        |        |        |        |
|-------------------------------|-----------|--------|--------|--------|--------|
|                               | CMG 00    | CMG 01 | CMG 02 | CMG 03 | CMG 04 |
| 700                           | 416       | 764    | 1529   | 1987   | 2379   |
| 600                           | 437       | 805    | 1609   | 2092   | 2504   |
| 500                           | 465       | 855    | 1710   | 2223   | 2661   |
| 400                           | 501       | 921    | 1842   | 2395   | 2866   |
| 250                           | 586       | 1077   | 2154   | 2801   | 3353   |
| 180                           | 653       | 1323   | 2554   | 3321   | 3897   |
| 150                           | 748       | 1406   | 2714   | 3529   | 4244   |
| 120                           | 806       | 1631   | 3467   | 3801   | 4572   |
| 100                           | 958       | 1842   | 3684   | 4507   | 5234   |
| 80                            | 1032      | 1984   | 3969   | 5042   | 5991   |
| 60                            | 1136      | 2184   | 4368   | 5549   | 6594   |
| 40                            | 1300      | 2500   | 5000   | 6500   | 8000   |
| 10                            | 1300      | 2500   | 5000   | 6500   | 8000   |

Quando il carico radiale risultante non è applicato sulla mezzes-  
sura dell'albero occorre calcolare quello effettivo con la seguente  
formula:

When the resulting radial load is not applied on the centre line  
of the shaft it is necessary to calculate the effective load with the  
following formula:

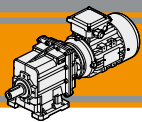


|            | CMG 00 | CMG 01 | CMG 02 | CMG 03 | CMG 04 |
|------------|--------|--------|--------|--------|--------|
| a          | 73     | 104    | 117    | 132    | 150    |
| b          | 53     | 84     | 92     | 102    | 115    |
| $R_{2MAX}$ | 1300   | 2500   | 5000   | 6500   | 8000   |

$$R_c = \frac{R_2 \cdot a}{(b + x)} \leq R_{2MAX}$$

$$R \leq R_c$$

a, b = valori riportati nella tabella  
a, b = values given in the table



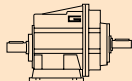
**CMG**

**Motoriduttori ad ingranaggi cilindrici**  
**Helical in-line gearmotors**

**Dati tecnici**

**$n_1$  1400 min<sup>-1</sup>**

**Technical data**

|  | $n_2$<br>[min <sup>-1</sup> ] | $Mn_2$<br>[Nm] | $Pn_1$<br>[kW] | $i$   | IEC Motori applicabili<br>IEC Motor adapters |                  |                  |                  |
|-----------------------------------------------------------------------------------|-------------------------------|----------------|----------------|-------|----------------------------------------------|------------------|------------------|------------------|
| <b>CMGIS 002</b>                                                                  |                               |                |                |       | <b>56 B5/B14</b>                             | <b>63 B5/B14</b> | <b>71 B5/B14</b> | <b>80 B5/B14</b> |
|                                                                                   | <b>279</b>                    | 40             | 1.2            | 5.03  |                                              |                  |                  |                  |
|                                                                                   | <b>230</b>                    | 40             | 1.0            | 6.10  |                                              |                  |                  |                  |
|                                                                                   | <b>187</b>                    | 40             | 0.82           | 7.49  |                                              |                  |                  |                  |
|                                                                                   | <b>156</b>                    | 50             | 0.85           | 8.99  |                                              |                  |                  |                  |
|                                                                                   | <b>138</b>                    | 50             | 0.75           | 10.16 |                                              |                  |                  |                  |
|                                                                                   | <b>116</b>                    | 50             | 0.63           | 12.07 |                                              |                  |                  |                  |
|                                                                                   | <b>105</b>                    | 70             | 0.80           | 13.40 |                                              |                  |                  |                  |
|                                                                                   | <b>92.5</b>                   | 70             | 0.71           | 15.14 |                                              |                  |                  |                  |
|                                                                                   | <b>77.1</b>                   | 70             | 0.59           | 18.17 |                                              |                  |                  |                  |
|                                                                                   | <b>64.9</b>                   | 70             | 0.50           | 21.58 |                                              |                  |                  |                  |
|                                                                                   | <b>59.6</b>                   | 70             | 0.45           | 23.51 |                                              |                  |                  |                  |
|                                                                                   | <b>55.8</b>                   | 70             | 0.43           | 25.10 |                                              |                  |                  | *                |
|                                                                                   | <b>51.7</b>                   | 70             | 0.39           | 27.08 |                                              |                  |                  | *                |
|                                                                                   | <b>43.1</b>                   | 70             | 0.33           | 32.49 |                                              |                  |                  | *                |
|                                                                                   | <b>33.3</b>                   | 70             | 0.25           | 42.04 |                                              |                  |                  | *                |
|                                                                                   | <b>31.2</b>                   | 70             | 0.24           | 44.89 |                                              |                  |                  | *                |
|                                                                                   | <b>28.7</b>                   | 70             | 0.22           | 48.86 |                                              |                  |                  | *                |
|                                                                                   | <b>25.4</b>                   | 70             | 0.19           | 55.10 |                                              |                  |                  | *                |

N.B.

Le aree evidenziate indicano l'applicabilità della corrispondente grandezza motore.

N.B.

Highlighted areas indicate motor inputs available on each size of unit.



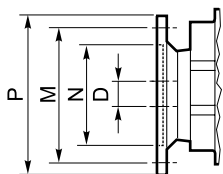
\* = Il fattore di servizio (**sf**) deve essere scelto in funzione dell'applicazione: si prega di contattare il nostro Servizio Tecnico.

Prima di eseguire la scelta del motoriduttore riferirsi alle prestazioni elencate nelle tabelle dalla pag. B11 alla pag. B17

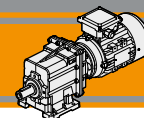


\* = The service factor (**sf**) has to be selected depending on application: please contact our Technical Department.

Before selecting any gearbox, please read the performance values shown in the tables on page B11 to B17.



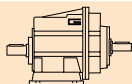
| Dimensioni IEC / IEC Dimensions |              |               |              |               |              |               |              |               |
|---------------------------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|
|                                 | <b>56 B5</b> | <b>56 B14</b> | <b>63 B5</b> | <b>63 B14</b> | <b>71 B5</b> | <b>71 B14</b> | <b>80 B5</b> | <b>80 B14</b> |
| <b>N</b>                        | 80           | 50            | 95           | 60            | 110          | 70            | 130          | 80            |
| <b>M</b>                        | 100          | 65            | 115          | 75            | 130          | 85            | 165          | 100           |
| <b>P</b>                        | 120          | 80            | 140          | 90            | 160          | 105           | 200          | 120           |
| <b>D</b>                        | 9            |               | 11           |               | 14           |               | 19           |               |



Dati tecnici

$n_1$  1400 min<sup>-1</sup>

Technical data

|  | $n_2$<br>[min <sup>-1</sup> ] | $Mn_2$<br>[Nm] | $Pn_1$<br>[kW] | i     | IEC Motori applicabili<br>IEC Motor adapters |                  |                  |                  |
|-----------------------------------------------------------------------------------|-------------------------------|----------------|----------------|-------|----------------------------------------------|------------------|------------------|------------------|
| <b>CMGIS 012</b>                                                                  |                               |                |                |       | <b>63 B5</b>                                 | <b>71 B5/B14</b> | <b>80 B5/B14</b> | <b>90 B5/B14</b> |
|                                                                                   | 367                           | 60             | 2.4            | 3.82  |                                              |                  |                  |                  |
|                                                                                   | 302                           | 60             | 2.0            | 4.63  |                                              |                  |                  |                  |
|                                                                                   | 246                           | 60             | 1.6            | 5.69  |                                              |                  |                  |                  |
|                                                                                   | 181                           | 80             | 1.6            | 7.72  |                                              |                  |                  |                  |
|                                                                                   | 153                           | 80             | 1.3            | 9.17  |                                              |                  |                  |                  |
|                                                                                   | 143                           | 80             | 1.2            | 9.81  |                                              |                  |                  |                  |
|                                                                                   | 122                           | 100            | 1.3            | 11.50 |                                              |                  |                  |                  |
|                                                                                   | 118                           | 100            | 1.3            | 11.90 |                                              |                  |                  |                  |
|                                                                                   | 101                           | 120            | 1.3            | 13.80 |                                              |                  |                  |                  |
|                                                                                   | 95.7                          | 120            | 1.3            | 14.62 |                                              |                  |                  |                  |
|                                                                                   | 78.4                          | 120            | 1.0            | 17.86 |                                              |                  |                  |                  |
|                                                                                   | 73.4                          | 120            | 1.0            | 19.07 |                                              |                  |                  |                  |
|                                                                                   | 70.6                          | 120            | 0.92           | 19.83 |                                              |                  |                  |                  |
|                                                                                   | 59.4                          | 120            | 0.78           | 23.56 |                                              |                  |                  | *                |
|                                                                                   | 47.4                          | 120            | 0.62           | 29.56 |                                              |                  |                  | *                |
|                                                                                   | 39.5                          | 120            | 0.52           | 35.47 |                                              |                  |                  | *                |
|                                                                                   | 30.5                          | 120            | 0.40           | 45.89 |                                              |                  | *                | *                |
|                                                                                   | 28.6                          | 120            | 0.37           | 49.00 |                                              |                  | *                | *                |
|                                                                                   | 26.3                          | 120            | 0.34           | 53.33 |                                              |                  | *                | *                |
|                                                                                   | 23.3                          | 120            | 0.30           | 60.15 |                                              |                  | *                | *                |

**CMGIS 013**

|  |      |     |      |        |
|--|------|-----|------|--------|
|  | 22.1 | 120 | 0.30 | 63.22  |
|  | 18.6 | 120 | 0.25 | 75.08  |
|  | 15.7 | 120 | 0.21 | 89.17  |
|  | 12.4 | 120 | 0.17 | 113.05 |
|  | 10.4 | 120 | 0.14 | 134.27 |
|  | 8.1  | 120 | 0.11 | 173.72 |
|  | 6.9  | 120 | 0.09 | 202.16 |
|  | 5.4  | 120 | 0.07 | 261.57 |
|  | 4.6  | 120 | 0.06 | 304.00 |
|  | 3.6  | 120 | 0.05 | 393.33 |
|  | 3.2  | 120 | 0.04 | 443.59 |

| 63 B5 | 71 B5/B14 | 80 B5/B14 | 90 B5/B14 |
|-------|-----------|-----------|-----------|
|       |           | *         | *         |
|       |           | *         | *         |
|       |           | *         | *         |
|       | *         | *         | *         |
|       | *         | *         | *         |
|       | *         | *         | *         |
|       | *         | *         | *         |
|       | *         | *         | *         |
|       | *         | *         | *         |
|       | *         | *         | *         |
|       | *         | *         | *         |

N.B.

Le aree evidenziate indicano l'applicabilità della corrispondente grandezza motore.

N.B.

Highlighted areas indicate motor inputs available on each size of unit.



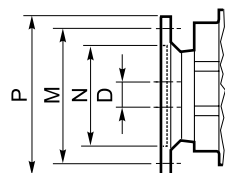
\* = Il fattore di servizio (**sf**) deve essere scelto in funzione dell'applicazione: si prega di contattare il nostro Servizio Tecnico.

Prima di eseguire la scelta del motoriduttore riferirsi alle prestazioni elencate nelle tabelle dalla pag. B11 alla pag. B17

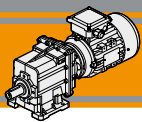


\* = The service factor (**sf**) has to be selected depending on application: please contact our Technical Department.

Before selecting any gearbox, please read the performance values shown in the tables on page B11 to B17.



| Dimensioni IEC / IEC Dimensions |       |       |        |       |        |       |        |
|---------------------------------|-------|-------|--------|-------|--------|-------|--------|
|                                 | 63 B5 | 71 B5 | 71 B14 | 80 B5 | 80 B14 | 90 B5 | 90 B14 |
| <b>N</b>                        | 95    | 110   | 70     | 130   | 80     | 130   | 95     |
| <b>M</b>                        | 115   | 130   | 85     | 165   | 100    | 165   | 115    |
| <b>P</b>                        | 140   | 160   | 105    | 200   | 120    | 200   | 140    |
| <b>D</b>                        | 11    | 14    |        | 19    |        | 24    |        |



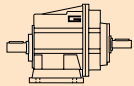
**CMG**

**Motoriduttori ad ingranaggi cilindrici**  
**Helical in-line gearmotors**

**Dati tecnici**

**$n_1$  1400 min<sup>-1</sup>**

**Technical data**

|  | $n_2$<br>[min <sup>-1</sup> ] | $Mn_2$<br>[Nm] | $Pn_1$<br>[kW] | $i$   | IEC Motori applicabili<br>IEC Motor adapters |                  |                  |                  |
|-----------------------------------------------------------------------------------|-------------------------------|----------------|----------------|-------|----------------------------------------------|------------------|------------------|------------------|
| <b>CMGIS 022</b>                                                                  |                               |                |                |       | <b>63 B5</b>                                 | <b>71 B5/B14</b> | <b>80 B5/B14</b> | <b>90 B5/B14</b> |
|                                                                                   | 383                           | 100            | 4.2            | 3.66  |                                              |                  |                  |                  |
|                                                                                   | 316                           | 100            | 3.4            | 4.43  |                                              |                  |                  |                  |
|                                                                                   | 257                           | 100            | 2.8            | 5.45  |                                              |                  |                  |                  |
|                                                                                   | 190                           | 120            | 2.5            | 7.39  |                                              |                  |                  |                  |
|                                                                                   | 159                           | 120            | 2.1            | 8.78  |                                              |                  |                  |                  |
|                                                                                   | 141                           | 120            | 1.8            | 9.93  |                                              |                  |                  |                  |
|                                                                                   | 127                           | 200            | 2.8            | 11.01 |                                              |                  |                  |                  |
|                                                                                   | 116                           | 200            | 2.5            | 12.05 |                                              |                  |                  |                  |
|                                                                                   | 106                           | 200            | 2.3            | 13.21 |                                              |                  |                  |                  |
|                                                                                   | 94.6                          | 200            | 2.1            | 14.81 |                                              |                  |                  |                  |
|                                                                                   | 81.9                          | 160            | 1.4            | 17.10 |                                              |                  |                  |                  |
|                                                                                   | 76.7                          | 160            | 1.3            | 18.26 |                                              |                  |                  |                  |
|                                                                                   | 69.7                          | 200            | 1.5            | 20.08 |                                              |                  |                  |                  |
|                                                                                   | 58.7                          | 200            | 1.3            | 23.85 |                                              |                  |                  |                  |
|                                                                                   | 46.8                          | 200            | 1.0            | 29.93 |                                              |                  |                  |                  |
|                                                                                   | 39.0                          | 200            | 0.85           | 35.91 |                                              |                  |                  |                  |
|                                                                                   | 30.1                          | 200            | 0.66           | 46.46 |                                              |                  |                  | *                |
|                                                                                   | 28.2                          | 200            | 0.62           | 49.61 |                                              |                  |                  | *                |
|                                                                                   | 25.9                          | 200            | 0.57           | 54.00 |                                              |                  |                  | *                |
|                                                                                   | 23.0                          | 200            | 0.50           | 60.90 |                                              |                  |                  | *                |

|                  |      |     |      |        |              |                  |                  |                  |
|------------------|------|-----|------|--------|--------------|------------------|------------------|------------------|
| <b>CMGIS 023</b> |      |     |      |        | <b>63 B5</b> | <b>71 B5/B14</b> | <b>80 B5/B14</b> | <b>90 B5/B14</b> |
|                  | 21.9 | 200 | 0.49 | 64.01  |              |                  |                  | *                |
|                  | 18.4 | 200 | 0.41 | 76.02  |              |                  | *                | *                |
|                  | 15.5 | 200 | 0.35 | 90.29  |              |                  | *                | *                |
|                  | 12.2 | 200 | 0.27 | 114.46 |              |                  | *                | *                |
|                  | 10.3 | 200 | 0.23 | 135.95 |              |                  | *                | *                |
|                  | 8.0  | 200 | 0.18 | 175.89 |              | *                | *                | *                |
|                  | 6.8  | 200 | 0.15 | 204.69 |              | *                | *                | *                |
|                  | 5.3  | 200 | 0.12 | 264.84 |              | *                | *                | *                |
|                  | 4.5  | 200 | 0.10 | 307.80 |              | *                | *                | *                |
|                  | 3.5  | 200 | 0.08 | 398.25 |              | *                | *                | *                |
|                  | 3.1  | 200 | 0.07 | 449.14 |              | *                | *                | *                |

N.B.

Le aree evidenziate indicano l'applicabilità della corrispondente grandezza motore.

N.B.

Highlighted areas indicate motor inputs available on each size of unit.



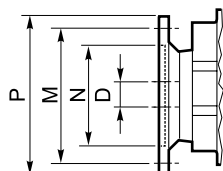
\* = Il fattore di servizio (**sf**) deve essere scelto in funzione dell'applicazione: si prega di contattare il nostro Servizio Tecnico.

Prima di eseguire la scelta del motoriduttore riferirsi alle prestazioni elencate nelle tabelle dalla pag. B11 alla pag. B17

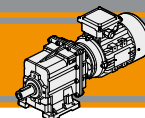


\* = The service factor (**sf**) has to be selected depending on application: please contact our Technical Department.

Before selecting any gearbox, please read the performance values shown in the tables on page B11 to B17.



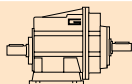
| Dimensioni IEC / IEC Dimensions |       |       |        |       |        |       |        |
|---------------------------------|-------|-------|--------|-------|--------|-------|--------|
|                                 | 63 B5 | 71 B5 | 71 B14 | 80 B5 | 80 B14 | 90 B5 | 90 B14 |
| <b>N</b>                        | 95    | 110   | 70     | 130   | 80     | 130   | 95     |
| <b>M</b>                        | 115   | 130   | 85     | 165   | 100    | 165   | 115    |
| <b>P</b>                        | 140   | 160   | 105    | 200   | 120    | 200   | 140    |
| <b>D</b>                        | 11    | 14    |        | 19    |        | 24    |        |



Dati tecnici

$n_1$  1400 min<sup>-1</sup>

Technical data

|  | $n_2$<br>[min <sup>-1</sup> ] | $Mn_2$<br>[Nm] | $Pn_1$<br>[kW] | i     | IEC Motori applicabili<br>IEC Motor adapters |                  |                  |                   |                   |
|-----------------------------------------------------------------------------------|-------------------------------|----------------|----------------|-------|----------------------------------------------|------------------|------------------|-------------------|-------------------|
| <b>CMGIS 032</b>                                                                  |                               |                |                |       | <b>71 B5</b>                                 | <b>80 B5/B14</b> | <b>90 B5/B14</b> | <b>100 B5/B14</b> | <b>112 B5/B14</b> |
|                                                                                   | <b>374</b>                    | 150            | 6.1            | 3.74  | <b>B</b>                                     |                  |                  |                   |                   |
|                                                                                   | <b>311</b>                    | 150            | 5.1            | 4.50  | <b>B</b>                                     |                  |                  |                   |                   |
|                                                                                   | <b>255</b>                    | 150            | 4.2            | 5.48  | <b>B</b>                                     |                  |                  |                   |                   |
|                                                                                   | <b>222</b>                    | 180            | 4.4            | 6.31  | <b>B</b>                                     |                  |                  |                   |                   |
|                                                                                   | <b>177</b>                    | 180            | 3.5            | 7.93  | <b>B</b>                                     |                  |                  |                   |                   |
|                                                                                   | <b>154</b>                    | 180            | 3.0            | 9.08  | <b>B</b>                                     |                  |                  |                   | *                 |
|                                                                                   | <b>128</b>                    | 180            | 2.5            | 10.93 | <b>B</b>                                     |                  |                  |                   | *                 |
|                                                                                   | <b>111</b>                    | 250            | 3.0            | 12.60 | <b>B</b>                                     |                  |                  |                   | *                 |
|                                                                                   | <b>105</b>                    | 250            | 2.9            | 13.30 | <b>B</b>                                     |                  |                  |                   | *                 |
|                                                                                   | <b>91.5</b>                   | 280            | 2.8            | 15.30 | <b>B</b>                                     |                  |                  |                   | *                 |
|                                                                                   | <b>76.9</b>                   | 280            | 2.3            | 18.21 | <b>B</b>                                     |                  |                  |                   | *                 |
|                                                                                   | <b>72.8</b>                   | 280            | 2.2            | 19.24 | <b>B</b>                                     |                  |                  |                   | *                 |
|                                                                                   | <b>66.2</b>                   | 280            | 2.0            | 21.15 | <b>B</b>                                     |                  |                  |                   | *                 |
|                                                                                   | <b>56.0</b>                   | 300            | 1.8            | 24.99 | <b>B</b>                                     |                  |                  |                   | *                 |
|                                                                                   | <b>45.8</b>                   | 300            | 1.5            | 30.57 | <b>B</b>                                     |                  |                  | *                 | *                 |
|                                                                                   | <b>40.9</b>                   | 300            | 1.3            | 34.20 | <b>B</b>                                     |                  |                  | *                 | *                 |
|                                                                                   | <b>36.2</b>                   | 300            | 1.2            | 38.63 | <b>B</b>                                     |                  |                  | *                 | *                 |
|                                                                                   | <b>31.7</b>                   | 300            | 1.0            | 44.18 | <b>B</b>                                     |                  |                  | *                 | *                 |
|                                                                                   | <b>27.3</b>                   | 300            | 0.89           | 51.30 | <b>B</b>                                     |                  | *                | *                 | *                 |
|                                                                                   | <b>23.0</b>                   | 300            | 0.75           | 60.80 | <b>B</b>                                     |                  | *                | *                 | *                 |

|                  |             |     |      |        |              |                  |                  |                  |
|------------------|-------------|-----|------|--------|--------------|------------------|------------------|------------------|
| <b>CMGIS 033</b> |             |     |      |        | <b>63 B5</b> | <b>71 B5/B14</b> | <b>80 B5/B14</b> | <b>90 B5/B14</b> |
|                  | <b>19.2</b> | 300 | 0.64 | 72.83  |              |                  |                  | *                |
|                  | <b>14.4</b> | 300 | 0.48 | 97.45  |              |                  |                  | *                |
|                  | <b>12.1</b> | 300 | 0.40 | 115.74 |              |                  | *                | *                |
|                  | <b>9.9</b>  | 300 | 0.33 | 140.81 |              |                  | *                | *                |
|                  | <b>8.0</b>  | 300 | 0.27 | 174.26 |              |                  | *                | *                |
|                  | <b>6.2</b>  | 300 | 0.21 | 225.47 |              |                  | *                | *                |
|                  | <b>5.3</b>  | 300 | 0.18 | 262.05 |              | *                | *                | *                |
|                  | <b>4.3</b>  | 300 | 0.14 | 325.79 |              | *                | *                | *                |
|                  | <b>3.7</b>  | 300 | 0.12 | 378.64 |              | *                | *                | *                |
|                  | <b>3.3</b>  | 300 | 0.11 | 427.03 |              | *                | *                | *                |

N.B.

Le aree evidenziate indicano l'applicabilità della corrispondente grandezza motore.

**B** = Boccia di riduzione in acciaio.



\* = Il fattore di servizio (**sf**) deve essere scelto in funzione dell'applicazione: si prega di contattare il nostro Servizio Tecnico.

Prima di eseguire la scelta del motoriduttore riferirsi alle prestazioni elencate nelle tabelle dalla pag. B11 alla pag. B17

N.B.

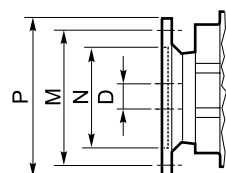
Highlighted areas indicate motor inputs available on each size of unit.

**B** = Metal shaft sleeve.

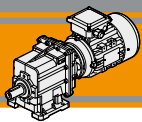


\* = The service factor (**sf**) has to be selected depending on application: please contact our Technical Department.

Before selecting any gearbox, please read the performance values shown in the tables on page B11 to B17.



| Dimensioni IEC / IEC Dimensions |              |              |               |              |               |              |               |                   |                    |
|---------------------------------|--------------|--------------|---------------|--------------|---------------|--------------|---------------|-------------------|--------------------|
|                                 | <b>63 B5</b> | <b>71 B5</b> | <b>71 B14</b> | <b>80 B5</b> | <b>80 B14</b> | <b>90 B5</b> | <b>90 B14</b> | <b>100/112 B5</b> | <b>100/112 B14</b> |
| <b>N</b>                        | 95           | 110          | 70            | 130          | 80            | 130          | 95            | 180               | 110                |
| <b>M</b>                        | 115          | 130          | 85            | 165          | 100           | 165          | 115           | 215               | 130                |
| <b>P</b>                        | 140          | 160          | 105           | 200          | 120           | 200          | 140           | 250               | 160                |
| <b>D</b>                        | 11           | 14           |               | 19           |               | 24           |               | 28                |                    |



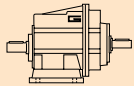
**CMG**

**Motoriduttori ad ingranaggi cilindrici**  
**Helical in-line gearmotors**

**Dati tecnici**

**$n_1$  1400 min<sup>-1</sup>**

**Technical data**

|  | $n_2$<br>[min <sup>-1</sup> ] | $Mn_2$<br>[Nm] | $Pn_1$<br>[kW] | $i$   | IEC Motori applicabili<br>IEC Motor adapters |                  |                  |                   |                   |
|-----------------------------------------------------------------------------------|-------------------------------|----------------|----------------|-------|----------------------------------------------|------------------|------------------|-------------------|-------------------|
| <b>CMGIS 042</b>                                                                  |                               |                |                |       | <b>71 B5</b>                                 | <b>80 B5/B14</b> | <b>90 B5/B14</b> | <b>100 B5/B14</b> | <b>112 B5/B14</b> |
|                                                                                   | <b>374</b>                    | 230            | 9.4            | 3.74  | <b>B</b>                                     |                  |                  |                   |                   |
|                                                                                   | <b>311</b>                    | 230            | 7.8            | 4.50  | <b>B</b>                                     |                  |                  |                   |                   |
|                                                                                   | <b>255</b>                    | 230            | 6.4            | 5.48  | <b>B</b>                                     |                  |                  |                   |                   |
|                                                                                   | <b>222</b>                    | 260            | 6.3            | 6.31  | <b>B</b>                                     |                  |                  |                   |                   |
|                                                                                   | <b>177</b>                    | 260            | 5.0            | 7.93  | <b>B</b>                                     |                  |                  |                   |                   |
|                                                                                   | <b>154</b>                    | 280            | 4.7            | 9.08  | <b>B</b>                                     |                  |                  |                   |                   |
|                                                                                   | <b>128</b>                    | 280            | 3.9            | 10.93 | <b>B</b>                                     |                  |                  |                   |                   |
|                                                                                   | <b>111</b>                    | 350            | 4.2            | 12.60 | <b>B</b>                                     |                  |                  |                   |                   |
|                                                                                   | <b>105</b>                    | 350            | 4.0            | 13.30 | <b>B</b>                                     |                  |                  |                   |                   |
|                                                                                   | <b>91.5</b>                   | 420            | 4.2            | 15.30 | <b>B</b>                                     |                  |                  |                   |                   |
|                                                                                   | <b>76.9</b>                   | 420            | 3.5            | 18.21 | <b>B</b>                                     |                  |                  |                   |                   |
|                                                                                   | <b>72.8</b>                   | 420            | 3.3            | 19.24 | <b>B</b>                                     |                  |                  |                   |                   |
|                                                                                   | <b>56.0</b>                   | 500            | 3.1            | 24.99 | <b>B</b>                                     |                  |                  |                   |                   |
|                                                                                   | <b>45.8</b>                   | 500            | 2.5            | 30.57 | <b>B</b>                                     |                  |                  |                   | *                 |
|                                                                                   | <b>40.9</b>                   | 500            | 2.2            | 34.20 | <b>B</b>                                     |                  |                  |                   | *                 |
|                                                                                   | <b>36.2</b>                   | 500            | 2.0            | 38.63 | <b>B</b>                                     |                  |                  |                   | *                 |
|                                                                                   | <b>31.7</b>                   | 500            | 1.7            | 44.18 | <b>B</b>                                     |                  |                  | *                 | *                 |
|                                                                                   | <b>27.3</b>                   | 500            | 1.5            | 51.30 | <b>B</b>                                     |                  |                  | *                 | *                 |
|                                                                                   | <b>23.0</b>                   | 480            | 1.2            | 60.80 | <b>B</b>                                     |                  |                  | *                 | *                 |

|                  |             |     |      |        |              |                  |                  |                  |
|------------------|-------------|-----|------|--------|--------------|------------------|------------------|------------------|
| <b>CMGIS 043</b> |             |     |      |        | <b>63 B5</b> | <b>71 B5/B14</b> | <b>80 B5/B14</b> | <b>90 B5/B14</b> |
|                  | <b>19.2</b> | 500 | 1.1  | 72.83  |              |                  |                  |                  |
|                  | <b>14.4</b> | 500 | 0.80 | 97.45  |              |                  |                  | *                |
|                  | <b>12.1</b> | 500 | 0.67 | 115.74 |              |                  |                  | *                |
|                  | <b>9.9</b>  | 500 | 0.55 | 140.81 |              |                  |                  | *                |
|                  | <b>8.0</b>  | 500 | 0.45 | 174.26 |              |                  |                  | *                |
|                  | <b>6.2</b>  | 500 | 0.35 | 225.47 |              |                  | *                | *                |
|                  | <b>5.3</b>  | 500 | 0.30 | 262.05 |              |                  | *                | *                |
|                  | <b>4.3</b>  | 500 | 0.24 | 325.79 |              |                  | *                | *                |
|                  | <b>3.7</b>  | 500 | 0.21 | 378.64 |              |                  | *                | *                |
|                  | <b>3.3</b>  | 500 | 0.18 | 427.03 |              | *                | *                | *                |

N.B.  
 Le aree evidenziate indicano l'applicabilità della corrispondente grandezza motore.  
**B** = Boccola di riduzione in acciaio.

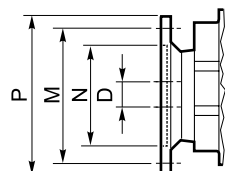
 \* = Il fattore di servizio (**sf**) deve essere scelto in funzione dell'applicazione: si prega di contattare il nostro Servizio Tecnico.

Prima di eseguire la scelta del motoriduttore riferirsi alle prestazioni elencate nelle tabelle dalla pag. B11 alla pag. B17

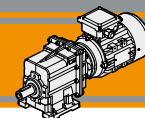
N.B.  
 Highlighted areas indicate motor inputs available on each size of unit.  
**B** = Metal shaft sleeve.

 \* = The service factor (**sf**) has to be selected depending on application: please contact our Technical Department.

Before selecting any gearbox, please read the performance values shown in the tables on page B11 to B17.

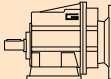
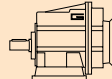


| Dimensioni IEC / IEC Dimensions |              |              |               |              |               |              |               |                   |                    |
|---------------------------------|--------------|--------------|---------------|--------------|---------------|--------------|---------------|-------------------|--------------------|
|                                 | <b>63 B5</b> | <b>71 B5</b> | <b>71 B14</b> | <b>80 B5</b> | <b>80 B14</b> | <b>90 B5</b> | <b>90 B14</b> | <b>100/112 B5</b> | <b>100/112 B14</b> |
| <b>N</b>                        | 95           | 110          | 70            | 130          | 80            | 130          | 95            | 180               | 110                |
| <b>M</b>                        | 115          | 130          | 85            | 165          | 100           | 165          | 115           | 215               | 130                |
| <b>P</b>                        | 140          | 160          | 105           | 200          | 120           | 200          | 140           | 250               | 160                |
| <b>D</b>                        | 11           | 14           |               | 19           |               | 24           |               | 28                |                    |



Dati tecnici

Technical data

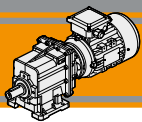
| P <sub>1</sub><br>[kW]            | n <sub>2</sub><br>[min <sup>-1</sup> ] | M <sub>2</sub><br>[Nm] | sf   | i     |  |  | P <sub>1</sub><br>[kW]            | n <sub>2</sub><br>[min <sup>-1</sup> ] | M <sub>2</sub><br>[Nm] | sf     | i      |  |  |    |
|-----------------------------------|----------------------------------------|------------------------|------|-------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------|----------------------------------------|------------------------|--------|--------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----|
| 0.06                              |                                        |                        |      |       |                                                                                   |                                                                                   | 0.12                              |                                        |                        |        |        |                                                                                     |                                                                                     |    |
| 56A4<br>(1400 min <sup>-1</sup> ) | 279                                    | 2                      | 20.3 | 5.03  | CMG002                                                                            | B5/B14                                                                            | 63A4<br>(1400 min <sup>-1</sup> ) | 30.5                                   | 36                     | 3.3    | 45.89  | CMG012                                                                              | B5                                                                                  |    |
|                                   | 230                                    | 2                      | 16.7 | 6.10  |                                                                                   | B5/B14                                                                            |                                   | 28.6                                   | 39                     | 3.1    | 49.00  |                                                                                     | B5                                                                                  |    |
|                                   | 187                                    | 3                      | 13.6 | 7.49  |                                                                                   | B5/B14                                                                            |                                   | 26.3                                   | 42                     | 2.9    | 53.33  |                                                                                     | B5                                                                                  |    |
|                                   | 156                                    | 4                      | 14.2 | 8.99  |                                                                                   | B5/B14                                                                            |                                   | 23.3                                   | 47                     | 2.5    | 60.15  |                                                                                     | B5                                                                                  |    |
|                                   | 138                                    | 4                      | 12.5 | 10.16 |                                                                                   | B5/B14                                                                            |                                   | 22.1                                   | 49                     | 2.5    | 63.22  | CMG013                                                                              | B5                                                                                  |    |
|                                   | 116                                    | 5                      | 10.5 | 12.07 |                                                                                   | B5/B14                                                                            |                                   |                                        | 58                     | 2.1    | 75.08  |                                                                                     | B5                                                                                  |    |
|                                   | 105                                    | 5                      | 13.3 | 13.40 |                                                                                   | B5/B14                                                                            |                                   |                                        | 69                     | 1.7    | 89.17  |                                                                                     | B5                                                                                  |    |
|                                   | 92.5                                   | 6                      | 11.8 | 15.14 |                                                                                   | B5/B14                                                                            |                                   |                                        | 87                     | 1.4    | 113.05 |                                                                                     | B5                                                                                  |    |
|                                   | 77.1                                   | 7                      | 9.8  | 18.17 |                                                                                   | B5/B14                                                                            |                                   |                                        | 103                    | 1.2    | 134.27 |                                                                                     | B5                                                                                  |    |
|                                   | 64.9                                   | 8                      | 8.3  | 21.58 |                                                                                   | B5/B14                                                                            |                                   |                                        | 134                    | 0.9    | 173.72 |                                                                                     | B5                                                                                  |    |
|                                   | 59.6                                   | 9                      | 7.6  | 23.51 |                                                                                   | B5/B14                                                                            |                                   |                                        | 156                    | 0.8    | 202.16 |                                                                                     | B5                                                                                  |    |
|                                   | 55.8                                   | 10                     | 7.1  | 25.10 |                                                                                   | B5/B14                                                                            |                                   |                                        | 171                    | 0.7    | 261.57 |                                                                                     | B5                                                                                  |    |
|                                   | 51.7                                   | 11                     | 6.6  | 27.08 |                                                                                   | B5/B14                                                                            |                                   |                                        | 171                    | 0.7    | 304.00 |                                                                                     | B5                                                                                  |    |
|                                   | 43.1                                   | 13                     | 5.5  | 32.49 |                                                                                   | B5/B14                                                                            |                                   |                                        | 171                    | 0.7    | 393.33 |                                                                                     | B5                                                                                  |    |
|                                   | 33.3                                   | 17                     | 4.2  | 42.04 |                                                                                   | B5/B14                                                                            |                                   |                                        | 171                    | 0.7    | 443.59 |                                                                                     | B5                                                                                  |    |
|                                   | 31.2                                   | 18                     | 4.0  | 44.89 |                                                                                   | B5/B14                                                                            |                                   |                                        | 21.9                   | 49     | 4.1    | 64.01                                                                               | CMG023                                                                              | B5 |
|                                   | 28.7                                   | 19                     | 3.6  | 48.86 |                                                                                   | B5/B14                                                                            |                                   |                                        |                        | 58     | 3.4    | 76.02                                                                               |                                                                                     | B5 |
|                                   | 25.4                                   | 22                     | 3.2  | 55.10 |                                                                                   | B5/B14                                                                            |                                   |                                        |                        | 69     | 2.9    | 90.29                                                                               |                                                                                     | B5 |
| 56B4<br>(1400 min <sup>-1</sup> ) | 279                                    | 3                      | 13.5 | 5.03  | CMG002                                                                            | B5/B14                                                                            | 12.2                              | 88                                     | 2.3                    | 114.46 | B5     |                                                                                     |                                                                                     |    |
|                                   | 230                                    | 4                      | 11.1 | 6.10  |                                                                                   | B5/B14                                                                            | 10.3                              | 105                                    | 1.9                    | 135.95 | B5     |                                                                                     |                                                                                     |    |
|                                   | 187                                    | 4                      | 9.1  | 7.49  |                                                                                   | B5/B14                                                                            | 8.0                               | 135                                    | 1.5                    | 175.89 | B5     |                                                                                     |                                                                                     |    |
|                                   | 156                                    | 5                      | 9.4  | 8.99  |                                                                                   | B5/B14                                                                            | 6.8                               | 157                                    | 1.3                    | 204.69 | B5     |                                                                                     |                                                                                     |    |
|                                   | 138                                    | 6                      | 8.3  | 10.16 |                                                                                   | B5/B14                                                                            | 5.3                               | 204                                    | 1.0                    | 264.84 | B5     |                                                                                     |                                                                                     |    |
|                                   | 116                                    | 7                      | 7.0  | 12.07 |                                                                                   | B5/B14                                                                            | 4.5                               | 237                                    | 0.8                    | 307.80 | B5     |                                                                                     |                                                                                     |    |
|                                   | 105                                    | 8                      | 8.9  | 13.40 |                                                                                   | B5/B14                                                                            | 3.5                               | 285                                    | 0.7                    | 398.25 | B5     |                                                                                     |                                                                                     |    |
|                                   | 92.5                                   | 9                      | 7.8  | 15.14 |                                                                                   | B5/B14                                                                            | 3.1                               | 285                                    | 0.7                    | 449.14 | B5     |                                                                                     |                                                                                     |    |
|                                   | 77.1                                   | 11                     | 6.5  | 18.17 |                                                                                   | B5/B14                                                                            | 19.2                              | 56                                     | 5.4                    | 72.83  | CMG033 | B5                                                                                  |                                                                                     |    |
|                                   | 64.9                                   | 13                     | 5.5  | 21.58 |                                                                                   | B5/B14                                                                            |                                   | 75                                     | 4.0                    | 97.45  |        | B5                                                                                  |                                                                                     |    |
|                                   | 59.6                                   | 14                     | 5.1  | 23.51 |                                                                                   | B5/B14                                                                            |                                   | 12.1                                   | 89                     | 3.4    |        | 115.74                                                                              | B5                                                                                  |    |
|                                   | 55.8                                   | 15                     | 4.7  | 25.10 |                                                                                   | B5/B14                                                                            |                                   | 9.9                                    | 108                    | 2.8    |        | 140.81                                                                              | B5                                                                                  |    |
|                                   | 51.7                                   | 16                     | 4.4  | 27.08 |                                                                                   | B5/B14                                                                            |                                   | 8.0                                    | 134                    | 2.2    |        | 174.26                                                                              | B5                                                                                  |    |
|                                   | 43.1                                   | 19                     | 3.7  | 32.49 |                                                                                   | B5/B14                                                                            |                                   | 6.2                                    | 173                    | 1.7    |        | 225.47                                                                              | B5                                                                                  |    |
|                                   | 33.3                                   | 25                     | 2.8  | 42.04 |                                                                                   | B5/B14                                                                            |                                   | 5.3                                    | 202                    | 1.5    |        | 262.05                                                                              | B5                                                                                  |    |
|                                   | 31.2                                   | 26                     | 2.6  | 44.89 |                                                                                   | B5/B14                                                                            |                                   | 4.3                                    | 251                    | 1.2    |        | 325.79                                                                              | B5                                                                                  |    |
|                                   | 28.7                                   | 29                     | 2.4  | 48.86 |                                                                                   | B5/B14                                                                            |                                   | 3.7                                    | 291                    | 1.0    |        | 378.64                                                                              | B5                                                                                  |    |
|                                   | 25.4                                   | 32                     | 2.2  | 55.10 |                                                                                   | B5/B14                                                                            | 3.3                               | 329                                    | 0.9                    | 427.03 | B5     |                                                                                     |                                                                                     |    |
| 63A4<br>(1400 min <sup>-1</sup> ) | 279                                    | 4                      | 10.1 | 5.03  | CMG002                                                                            | B5/B14                                                                            | 19.2                              | 56                                     | 8.9                    | 72.83  | CMG043 | B5                                                                                  |                                                                                     |    |
|                                   | 230                                    | 5                      | 8.3  | 6.10  |                                                                                   | B5/B14                                                                            | 14.4                              | 75                                     | 6.7                    | 97.45  |        | B5                                                                                  |                                                                                     |    |
|                                   | 187                                    | 6                      | 6.8  | 7.49  |                                                                                   | B5/B14                                                                            | 12.1                              | 89                                     | 5.6                    | 115.74 |        | B5                                                                                  |                                                                                     |    |
|                                   | 156                                    | 7                      | 7.1  | 8.99  |                                                                                   | B5/B14                                                                            | 9.9                               | 108                                    | 4.6                    | 140.81 |        | B5                                                                                  |                                                                                     |    |
|                                   | 138                                    | 8                      | 6.3  | 10.16 |                                                                                   | B5/B14                                                                            | 8.0                               | 134                                    | 3.7                    | 174.26 |        | B5                                                                                  |                                                                                     |    |
|                                   | 116                                    | 9                      | 5.3  | 12.07 |                                                                                   | B5/B14                                                                            | 6.2                               | 173                                    | 2.9                    | 225.47 |        | B5                                                                                  |                                                                                     |    |
|                                   | 105                                    | 11                     | 6.7  | 13.40 |                                                                                   | B5/B14                                                                            | 5.3                               | 202                                    | 2.5                    | 262.05 |        | B5                                                                                  |                                                                                     |    |
|                                   | 92.5                                   | 12                     | 5.9  | 15.14 |                                                                                   | B5/B14                                                                            | 4.3                               | 251                                    | 2.0                    | 325.79 |        | B5                                                                                  |                                                                                     |    |
|                                   | 77.1                                   | 14                     | 4.9  | 18.17 |                                                                                   | B5/B14                                                                            | 3.7                               | 291                                    | 1.7                    | 378.64 |        | B5                                                                                  |                                                                                     |    |
|                                   | 64.9                                   | 17                     | 4.1  | 21.58 |                                                                                   | B5/B14                                                                            | 3.3                               | 329                                    | 1.5                    | 427.03 |        | B5                                                                                  |                                                                                     |    |
|                                   | 59.6                                   | 18                     | 3.8  | 23.51 |                                                                                   | B5/B14                                                                            | 14.4                              | 75                                     | 6.7                    | 97.45  |        | CMG012                                                                              | B5                                                                                  |    |
|                                   | 55.8                                   | 20                     | 3.5  | 25.10 |                                                                                   | B5/B14                                                                            |                                   | 89                                     | 5.6                    | 115.74 | B5     |                                                                                     |                                                                                     |    |
|                                   | 51.7                                   | 21                     | 3.3  | 27.08 |                                                                                   | B5/B14                                                                            |                                   | 108                                    | 4.6                    | 140.81 | B5     |                                                                                     |                                                                                     |    |
|                                   | 43.1                                   | 26                     | 2.7  | 32.49 |                                                                                   | B5/B14                                                                            |                                   | 134                                    | 3.7                    | 174.26 | B5     |                                                                                     |                                                                                     |    |
|                                   | 33.3                                   | 33                     | 2.1  | 42.04 |                                                                                   | B5/B14                                                                            |                                   | 173                                    | 2.9                    | 225.47 | B5     |                                                                                     |                                                                                     |    |
|                                   | 31.2                                   | 35                     | 2.0  | 44.89 |                                                                                   | B5/B14                                                                            |                                   | 202                                    | 2.5                    | 262.05 | B5     |                                                                                     |                                                                                     |    |
|                                   | 28.7                                   | 38                     | 1.8  | 48.86 |                                                                                   | B5/B14                                                                            |                                   | 251                                    | 2.0                    | 325.79 | B5     |                                                                                     |                                                                                     |    |
|                                   | 25.4                                   | 43                     | 1.6  | 55.10 |                                                                                   | B5/B14                                                                            |                                   | 291                                    | 1.7                    | 378.64 | B5     |                                                                                     |                                                                                     |    |
|                                   | 59.4                                   | 19                     | 6.5  | 23.56 | CMG012                                                                            | B5                                                                                |                                   | 329                                    | 1.5                    | 427.03 | B5     |                                                                                     |                                                                                     |    |
|                                   | 47.4                                   | 23                     | 5.2  | 29.56 |                                                                                   | B5                                                                                |                                   |                                        |                        |        |        |                                                                                     |                                                                                     |    |
|                                   | 39.5                                   | 28                     | 4.3  | 35.47 |                                                                                   | B5                                                                                |                                   |                                        |                        |        |        |                                                                                     |                                                                                     |    |

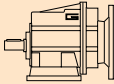
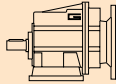
N.B.  
Verificare sempre che la coppia M2 utilizzata non ecceda il valore indicato nelle caselle in grigio

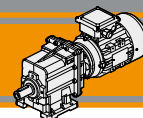
N.B.  
Please check that the output torque M2

N.B.  
Verificare sempre che la coppia M2 utilizzata non ecceda il valore indicato nelle caselle in grigio

N.B.  
Please check that the output torque M2 does not exceed the value in the grey areas

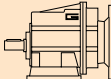
**CMG****Motoriduttori ad ingranaggi cilindrici**  
**Helical in-line gearmotors****Dati tecnici****Technical data**

| $P_1$<br>[kW]                     | $n_2$<br>[min <sup>-1</sup> ] | $M_2$<br>[Nm] | sf  | i      |  |  | $P_1$<br>[kW]                     | $n_2$<br>[min <sup>-1</sup> ] | $M_2$<br>[Nm] | sf   | i     |  |  |
|-----------------------------------|-------------------------------|---------------|-----|--------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------|-------------------------------|---------------|------|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>0.18</b>                       |                               |               |     |        |                                                                                   |                                                                                   | <b>0.25</b>                       |                               |               |      |       |                                                                                     |                                                                                     |
| 63B4<br>(1400 min <sup>-1</sup> ) | 279                           | 6             | 6.8 | 5.03   | CMG002                                                                            | B5/B14                                                                            | 71A4<br>(1400 min <sup>-1</sup> ) | 279                           | 8             | 4.9  | 5.03  | CMG002                                                                              | B5/B14                                                                              |
|                                   | 230                           | 7             | 5.6 | 6.10   |                                                                                   | B5/B14                                                                            |                                   | 230                           | 10            | 4.0  | 6.10  |                                                                                     | B5/B14                                                                              |
|                                   | 187                           | 9             | 4.5 | 7.49   |                                                                                   | B5/B14                                                                            |                                   | 187                           | 12            | 3.3  | 7.49  |                                                                                     | B5/B14                                                                              |
|                                   | 156                           | 11            | 4.7 | 8.99   |                                                                                   | B5/B14                                                                            |                                   | 156                           | 15            | 3.4  | 8.99  |                                                                                     | B5/B14                                                                              |
|                                   | 138                           | 12            | 4.2 | 10.16  |                                                                                   | B5/B14                                                                            |                                   | 138                           | 17            | 3.0  | 10.16 |                                                                                     | B5/B14                                                                              |
|                                   | 116                           | 14            | 3.5 | 12.07  |                                                                                   | B5/B14                                                                            |                                   | 116                           | 20            | 2.5  | 12.07 |                                                                                     | B5/B14                                                                              |
|                                   | 105                           | 16            | 4.4 | 13.40  |                                                                                   | B5/B14                                                                            |                                   | 105                           | 22            | 3.2  | 13.40 |                                                                                     | B5/B14                                                                              |
|                                   | 92.5                          | 18            | 3.9 | 15.14  |                                                                                   | B5/B14                                                                            |                                   | 92.5                          | 25            | 2.8  | 15.14 |                                                                                     | B5/B14                                                                              |
|                                   | 77.1                          | 21            | 3.3 | 18.17  |                                                                                   | B5/B14                                                                            |                                   | 77.1                          | 30            | 2.4  | 18.17 |                                                                                     | B5/B14                                                                              |
|                                   | 64.9                          | 25            | 2.8 | 21.58  |                                                                                   | B5/B14                                                                            |                                   | 64.9                          | 35            | 2.0  | 21.58 |                                                                                     | B5/B14                                                                              |
|                                   | 59.6                          | 28            | 2.5 | 23.51  |                                                                                   | B5/B14                                                                            |                                   | 59.6                          | 38            | 1.8  | 23.51 |                                                                                     | B5/B14                                                                              |
|                                   | 55.8                          | 30            | 2.4 | 25.10  |                                                                                   | B5/B14                                                                            |                                   | 55.8                          | 41            | 1.7  | 25.10 |                                                                                     | B5/B14                                                                              |
|                                   | 51.7                          | 32            | 2.2 | 27.08  |                                                                                   | B5/B14                                                                            |                                   | 51.7                          | 44            | 1.6  | 27.08 |                                                                                     | B5/B14                                                                              |
|                                   | 43.1                          | 38            | 1.8 | 32.49  |                                                                                   | B5/B14                                                                            |                                   | 43.1                          | 53            | 1.3  | 32.49 |                                                                                     | B5/B14                                                                              |
|                                   | 33.3                          | 50            | 1.4 | 42.04  |                                                                                   | B5/B14                                                                            |                                   | 33.3                          | 69            | 1.0  | 42.04 |                                                                                     | B5/B14                                                                              |
|                                   | 31.2                          | 53            | 1.3 | 44.89  |                                                                                   | B5/B14                                                                            |                                   | 31.2                          | 73            | 1.0  | 44.89 |                                                                                     | B5/B14                                                                              |
|                                   | 28.7                          | 58            | 1.2 | 48.86  |                                                                                   | B5/B14                                                                            |                                   | 28.7                          | 80            | 0.9  | 48.86 |                                                                                     | B5/B14                                                                              |
|                                   | 25.4                          | 65            | 1.1 | 55.10  |                                                                                   | B5/B14                                                                            |                                   | 25.4                          | 90            | 0.8  | 55.10 |                                                                                     | B5/B14                                                                              |
|                                   | 78.4                          | 21            | 5.7 | 17.86  | CMG012                                                                            | B5                                                                                |                                   | 367                           | 6             | 9.6  | 3.82  | CMG012                                                                              | B5/B14                                                                              |
|                                   | 73.4                          | 22            | 5.3 | 19.07  |                                                                                   | B5                                                                                |                                   | 302                           | 8             | 7.9  | 4.63  |                                                                                     | B5/B14                                                                              |
|                                   | 70.6                          | 23            | 5.1 | 19.83  |                                                                                   | B5                                                                                |                                   | 246                           | 9             | 6.4  | 5.69  |                                                                                     | B5/B14                                                                              |
|                                   | 59.4                          | 28            | 4.3 | 23.56  |                                                                                   | B5                                                                                |                                   | 181                           | 13            | 6.3  | 7.72  |                                                                                     | B5/B14                                                                              |
|                                   | 47.4                          | 35            | 3.4 | 29.56  |                                                                                   | B5                                                                                |                                   | 153                           | 15            | 5.3  | 9.17  |                                                                                     | B5/B14                                                                              |
|                                   | 39.5                          | 42            | 2.9 | 35.47  |                                                                                   | B5                                                                                |                                   | 143                           | 16            | 5.0  | 9.81  |                                                                                     | B5/B14                                                                              |
|                                   | 30.5                          | 54            | 2.2 | 45.89  |                                                                                   | B5                                                                                |                                   | 122                           | 19            | 5.3  | 11.50 |                                                                                     | B5/B14                                                                              |
|                                   | 28.6                          | 58            | 2.1 | 49.00  |                                                                                   | B5                                                                                |                                   | 118                           | 19            | 5.1  | 11.90 |                                                                                     | B5/B14                                                                              |
|                                   | 26.3                          | 63            | 1.9 | 53.33  |                                                                                   | B5                                                                                |                                   | 101                           | 23            | 5.3  | 13.80 |                                                                                     | B5/B14                                                                              |
|                                   | 23.3                          | 71            | 1.7 | 60.15  |                                                                                   | B5                                                                                |                                   | 95.7                          | 24            | 5.0  | 14.62 |                                                                                     | B5/B14                                                                              |
|                                   | 22.1                          | 73            | 1.6 | 63.22  | CMG013                                                                            | B5                                                                                |                                   | 78.4                          | 29            | 4.1  | 17.86 |                                                                                     | B5/B14                                                                              |
|                                   | 18.6                          | 87            | 1.4 | 75.08  |                                                                                   | B5                                                                                |                                   | 73.4                          | 31            | 3.8  | 19.07 |                                                                                     | B5/B14                                                                              |
|                                   | 15.7                          | 103           | 1.2 | 89.17  |                                                                                   | B5                                                                                |                                   | 70.6                          | 32            | 3.7  | 19.83 |                                                                                     | B5/B14                                                                              |
|                                   | 12.4                          | 130           | 0.9 | 113.05 |                                                                                   | B5                                                                                |                                   | 59.4                          | 39            | 3.1  | 23.56 |                                                                                     | B5/B14                                                                              |
|                                   | 23.0                          | 72            | 2.8 | 60.90  | CMG022                                                                            | B5                                                                                |                                   | 47.4                          | 48            | 2.5  | 29.56 |                                                                                     | B5/B14                                                                              |
|                                   | 21.9                          | 74            | 2.7 | 64.01  | CMG023                                                                            | B5                                                                                |                                   | 39.5                          | 58            | 2.1  | 35.47 |                                                                                     | B5/B14                                                                              |
|                                   | 18.4                          | 88            | 2.3 | 76.02  |                                                                                   | B5                                                                                |                                   | 30.5                          | 75            | 1.6  | 45.89 |                                                                                     | B5/B14                                                                              |
|                                   | 15.5                          | 104           | 1.9 | 90.29  |                                                                                   | B5                                                                                |                                   | 28.6                          | 80            | 1.5  | 49.00 |                                                                                     | B5/B14                                                                              |
|                                   | 12.2                          | 132           | 1.5 | 114.46 |                                                                                   | B5                                                                                |                                   | 26.3                          | 87            | 1.4  | 53.33 |                                                                                     | B5/B14                                                                              |
|                                   | 10.3                          | 157           | 1.3 | 135.95 |                                                                                   | B5                                                                                |                                   | 23.3                          | 98            | 1.2  | 60.15 |                                                                                     | B5/B14                                                                              |
|                                   | 8.0                           | 203           | 1.0 | 175.89 |                                                                                   | B5                                                                                |                                   | 22.1                          | 101           | 1.2  | 63.22 | CMG013                                                                              | B5/B14                                                                              |
|                                   | 6.8                           | 236           | 0.8 | 204.69 |                                                                                   | B5                                                                                |                                   | 18.6                          | 120           | 1.0  | 75.08 |                                                                                     | B5/B14                                                                              |
|                                   | 19.2                          | 84            | 3.6 | 72.83  | CMG033                                                                            | B5                                                                                |                                   | 15.7                          | 143           | 0.8  | 89.17 |                                                                                     | B5/B14                                                                              |
|                                   | 14.4                          | 112           | 2.7 | 97.45  |                                                                                   | B5                                                                                |                                   | 383                           | 6             | 16.7 | 3.66  | CMG022                                                                              | B5/B14                                                                              |
|                                   | 12.1                          | 134           | 2.2 | 115.74 |                                                                                   | B5                                                                                |                                   | 316                           | 7             | 13.8 | 4.43  |                                                                                     | B5/B14                                                                              |
|                                   | 9.9                           | 163           | 1.8 | 140.81 |                                                                                   | B5                                                                                |                                   | 257                           | 9             | 11.2 | 5.45  |                                                                                     | B5/B14                                                                              |
|                                   | 8.0                           | 201           | 1.5 | 174.26 |                                                                                   | B5                                                                                |                                   | 189                           | 12            | 9.9  | 7.39  |                                                                                     | B5/B14                                                                              |
|                                   | 6.2                           | 260           | 1.2 | 225.47 |                                                                                   | B5                                                                                |                                   | 160                           | 14            | 8.4  | 8.78  |                                                                                     | B5/B14                                                                              |
|                                   | 5.3                           | 302           | 1.0 | 262.05 | CMG043                                                                            | B5                                                                                |                                   | 141                           | 16            | 7.4  | 9.93  |                                                                                     | B5/B14                                                                              |
|                                   | 19.2                          | 84            | 5.9 | 72.83  |                                                                                   | B5                                                                                |                                   | 127                           | 18            | 11.1 | 11.01 |                                                                                     | B5/B14                                                                              |
|                                   | 14.4                          | 112           | 4.4 | 97.45  |                                                                                   | B5                                                                                |                                   | 116                           | 20            | 10.1 | 12.05 |                                                                                     | B5/B14                                                                              |
|                                   | 12.1                          | 134           | 3.7 | 115.74 |                                                                                   | B5                                                                                |                                   | 106                           | 22            | 9.2  | 13.21 |                                                                                     | B5/B14                                                                              |
|                                   | 9.9                           | 163           | 3.1 | 140.81 |                                                                                   | B5                                                                                |                                   | 94.6                          | 24            | 8.3  | 14.81 |                                                                                     | B5/B14                                                                              |
|                                   | 8.0                           | 201           | 2.5 | 174.26 |                                                                                   | B5                                                                                |                                   | 81.9                          | 28            | 5.7  | 17.10 |                                                                                     | B5/B14                                                                              |
|                                   | 6.2                           | 260           | 1.9 | 225.47 |                                                                                   | B5                                                                                |                                   | 76.7                          | 30            | 5.4  | 18.26 |                                                                                     | B5/B14                                                                              |
|                                   | 5.3                           | 302           | 1.7 | 262.05 |                                                                                   | B5                                                                                |                                   | 69.7                          | 33            | 6.1  | 20.08 |                                                                                     | B5/B14                                                                              |
|                                   | 4.3                           | 376           | 1.3 | 325.79 |                                                                                   | B5                                                                                |                                   | 58.7                          | 39            | 5.1  | 23.85 |                                                                                     | B5/B14                                                                              |
|                                   | 3.7                           | 437           | 1.1 | 378.64 |                                                                                   | B5                                                                                |                                   | 46.8                          | 49            | 4.1  | 29.93 |                                                                                     | B5/B14                                                                              |
|                                   | 3.3                           | 493           | 1.0 | 427.03 |                                                                                   | B5                                                                                |                                   | 39.0                          | 59            | 3.4  | 35.91 |                                                                                     | B5/B14                                                                              |
|                                   |                               |               |     |        |                                                                                   | B5                                                                                |                                   | 30.1                          | 76            | 2.6  | 46.46 |                                                                                     | B5/B14                                                                              |
|                                   |                               |               |     |        |                                                                                   |                                                                                   |                                   | 28.2                          | 81            | 2.5  | 49.61 |                                                                                     | B5/B14                                                                              |
|                                   |                               |               |     |        |                                                                                   |                                                                                   |                                   | 25.9                          | 88            | 2.3  | 54.00 |                                                                                     |                                                                                     |
|                                   |                               |               |     |        |                                                                                   |                                                                                   |                                   | 23.0                          | 100           | 2.0  | 60.90 |                                                                                     | B5/B14                                                                              |
|                                   |                               |               |     |        |                                                                                   |                                                                                   |                                   |                               |               |      |       |                                                                                     |                                                                                     |

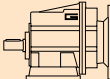


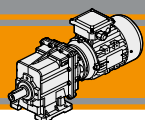
Dati tecnici

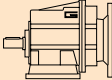
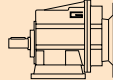
Technical data

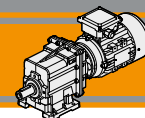
| P <sub>1</sub><br>[kW]            | n <sub>2</sub><br>[min <sup>-1</sup> ] | M <sub>2</sub><br>[Nm] | sf  | i      |  |  |
|-----------------------------------|----------------------------------------|------------------------|-----|--------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 0.25                              |                                        |                        |     |        |                                                                                   |                                                                                   |
| 71A4<br>(1400 min <sup>-1</sup> ) | 21.9                                   | 103                    | 1.9 | 64.01  | CMG023                                                                            | B5/B14                                                                            |
|                                   | 18.4                                   | 122                    | 1.6 | 76.02  |                                                                                   | B5/B14                                                                            |
|                                   | 15.5                                   | 145                    | 1.4 | 90.29  |                                                                                   | B5/B14                                                                            |
|                                   | 12.2                                   | 183                    | 1.1 | 114.46 |                                                                                   | B5/B14                                                                            |
|                                   | 10.3                                   | 218                    | 0.9 | 135.95 |                                                                                   | B5/B14                                                                            |
|                                   | 31.7                                   | 72                     | 4.1 | 44.18  | CMG032                                                                            | B5                                                                                |
|                                   | 27.3                                   | 84                     | 3.6 | 51.30  |                                                                                   | B5                                                                                |
|                                   | 19.2                                   | 117                    | 2.6 | 72.83  | CMG033                                                                            | B5/B14                                                                            |
|                                   | 14.4                                   | 156                    | 1.9 | 97.45  |                                                                                   | B5/B14                                                                            |
|                                   | 12.1                                   | 186                    | 1.6 | 115.74 |                                                                                   | B5/B14                                                                            |
|                                   | 9.9                                    | 226                    | 1.3 | 140.81 |                                                                                   | B5/B14                                                                            |
|                                   | 8.0                                    | 279                    | 1.1 | 174.26 |                                                                                   | B5/B14                                                                            |
|                                   | 6.2                                    | 361                    | 0.8 | 225.47 | B5/B14                                                                            |                                                                                   |
|                                   | 19.2                                   | 117                    | 4.3 | 72.83  | CMG043                                                                            | B5/B14                                                                            |
|                                   | 14.4                                   | 156                    | 3.2 | 97.45  |                                                                                   | B5/B14                                                                            |
|                                   | 12.1                                   | 186                    | 2.7 | 115.74 |                                                                                   | B5/B14                                                                            |
|                                   | 9.9                                    | 226                    | 2.2 | 140.81 |                                                                                   | B5/B14                                                                            |
|                                   | 8.0                                    | 279                    | 1.8 | 174.26 |                                                                                   | B5/B14                                                                            |
|                                   | 6.2                                    | 361                    | 1.4 | 225.47 |                                                                                   | B5/B14                                                                            |
|                                   | 5.3                                    | 420                    | 1.2 | 262.05 |                                                                                   | B5/B14                                                                            |
|                                   | 4.3                                    | 522                    | 1.0 | 325.79 |                                                                                   | B5/B14                                                                            |
|                                   | 3.7                                    | 607                    | 0.8 | 378.64 |                                                                                   | B5/B14                                                                            |

| 0.37                              |      |     |       |        |        |        |
|-----------------------------------|------|-----|-------|--------|--------|--------|
| 71B4<br>(1400 min <sup>-1</sup> ) | 279  | 12  | 3.3   | 5.03   | CMG002 | B5/B14 |
|                                   | 230  | 15  | 2.7   | 6.10   |        | B5/B14 |
|                                   | 187  | 18  | 2.2   | 7.49   |        | B5/B14 |
|                                   | 156  | 22  | 2.3   | 8.99   |        | B5/B14 |
|                                   | 138  | 25  | 2.0   | 10.16  |        | B5/B14 |
|                                   | 116  | 29  | 1.7   | 12.07  |        | B5/B14 |
|                                   | 105  | 32  | 2.2   | 13.40  |        | B5/B14 |
|                                   | 92.5 | 37  | 1.9   | 15.14  |        | B5/B14 |
|                                   | 77.1 | 44  | 1.6   | 18.17  |        | B5/B14 |
|                                   | 64.9 | 52  | 1.3   | 21.58  |        | B5/B14 |
|                                   | 59.6 | 57  | 1.2   | 23.51  |        | B5/B14 |
|                                   | 55.8 | 61  | 1.2   | 25.10  |        | B5/B14 |
|                                   | 51.7 | 66  | 1.1   | 27.08  |        | B5/B14 |
|                                   | 43.1 | 79  | 0.9   | 32.49  |        | B5/B14 |
|                                   | 367  | 9   | 6.5   | 3.82   | CMG012 | B5/B14 |
|                                   | 302  | 11  | 5.3   | 4.63   |        | B5/B14 |
|                                   | 246  | 14  | 4.4   | 5.69   |        | B5/B14 |
|                                   | 181  | 19  | 4.3   | 7.72   |        | B5/B14 |
|                                   | 153  | 22  | 3.6   | 9.17   |        | B5/B14 |
|                                   | 143  | 24  | 3.4   | 9.81   |        | B5/B14 |
| 122                               | 28   | 3.6 | 11.50 | B5/B14 |        |        |
| 118                               | 29   | 3.5 | 11.90 | B5/B14 |        |        |
| 101                               | 33   | 3.6 | 13.80 | B5/B14 |        |        |
| 95.7                              | 35   | 3.4 | 14.62 | B5/B14 |        |        |
| 78.4                              | 43   | 2.8 | 17.86 | B5/B14 |        |        |
| 73.4                              | 46   | 2.6 | 19.07 | B5/B14 |        |        |
| 70.6                              | 48   | 2.5 | 19.83 | B5/B14 |        |        |
| 59.4                              | 57   | 2.1 | 23.56 | B5/B14 |        |        |
| 47.4                              | 72   | 1.7 | 29.56 | B5/B14 |        |        |
| 39.5                              | 86   | 1.4 | 35.47 | B5/B14 |        |        |
| 30.5                              | 111  | 1.1 | 45.89 | B5/B14 |        |        |
| 28.6                              | 119  | 1.0 | 49.00 | B5/B14 |        |        |
| 26.3                              | 129  | 0.9 | 53.33 | B5/B14 |        |        |
| 23.3                              | 146  | 0.8 | 60.15 | B5/B14 |        |        |

| P <sub>1</sub><br>[kW]            | n <sub>2</sub><br>[min <sup>-1</sup> ] | M <sub>2</sub><br>[Nm] | sf   | i      |  |  |
|-----------------------------------|----------------------------------------|------------------------|------|--------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 0.37                              |                                        |                        |      |        |                                                                                     |                                                                                     |
| 71B4<br>(1400 min <sup>-1</sup> ) | 22.1                                   | 150                    | 0.8  | 63.22  | CMG013                                                                              | B5/B14                                                                              |
|                                   | 383                                    | 9                      | 11.3 | 3.66   | CMG022                                                                              | B5/B14                                                                              |
|                                   | 316                                    | 11                     | 9.3  | 4.43   |                                                                                     | B5/B14                                                                              |
|                                   | 257                                    | 13                     | 7.6  | 5.45   |                                                                                     | B5/B14                                                                              |
|                                   | 189                                    | 18                     | 6.7  | 7.39   |                                                                                     | B5/B14                                                                              |
|                                   | 160                                    | 21                     | 5.6  | 8.78   |                                                                                     | B5/B14                                                                              |
|                                   | 141                                    | 24                     | 5.0  | 9.93   |                                                                                     | B5/B14                                                                              |
|                                   | 127                                    | 27                     | 7.5  | 11.01  |                                                                                     | B5/B14                                                                              |
|                                   | 116                                    | 29                     | 6.8  | 12.05  |                                                                                     | B5/B14                                                                              |
|                                   | 106                                    | 32                     | 6.2  | 13.21  |                                                                                     | B5/B14                                                                              |
|                                   | 94.6                                   | 36                     | 5.6  | 14.81  |                                                                                     | B5/B14                                                                              |
|                                   | 81.9                                   | 41                     | 3.9  | 17.10  |                                                                                     | B5/B14                                                                              |
|                                   | 76.7                                   | 44                     | 3.6  | 18.26  |                                                                                     | B5/B14                                                                              |
|                                   | 69.7                                   | 49                     | 4.1  | 20.08  |                                                                                     | B5/B14                                                                              |
|                                   | 58.7                                   | 58                     | 3.5  | 23.85  |                                                                                     | B5/B14                                                                              |
|                                   | 46.8                                   | 73                     | 2.8  | 29.93  |                                                                                     | B5/B14                                                                              |
|                                   | 39.0                                   | 87                     | 2.3  | 35.91  |                                                                                     | B5/B14                                                                              |
|                                   | 30.1                                   | 113                    | 1.8  | 46.46  |                                                                                     | B5/B14                                                                              |
|                                   | 28.2                                   | 120                    | 1.7  | 49.61  |                                                                                     | B5/B14                                                                              |
|                                   | 25.9                                   | 131                    | 1.5  | 54.00  |                                                                                     | B5/B14                                                                              |
|                                   | 23.0                                   | 148                    | 1.4  | 60.90  |                                                                                     | B5/B14                                                                              |
|                                   | 21.9                                   | 152                    | 1.3  | 64.01  | CMG023                                                                              | B5/B14                                                                              |
|                                   | 18.4                                   | 180                    | 1.1  | 76.02  |                                                                                     | B5/B14                                                                              |
|                                   | 15.5                                   | 214                    | 0.9  | 90.29  |                                                                                     | B5/B14                                                                              |
|                                   | 374                                    | 9                      | 16.5 | 3.74   | CMG032                                                                              | B5                                                                                  |
|                                   | 311                                    | 11                     | 13.7 | 4.50   |                                                                                     | B5                                                                                  |
|                                   | 255                                    | 13                     | 11.3 | 5.48   |                                                                                     | B5                                                                                  |
|                                   | 222                                    | 15                     | 11.8 | 6.31   |                                                                                     | B5                                                                                  |
|                                   | 177                                    | 19                     | 9.4  | 7.93   |                                                                                     | B5                                                                                  |
|                                   | 154                                    | 22                     | 8.2  | 9.08   |                                                                                     | B5                                                                                  |
|                                   | 128                                    | 26                     | 6.8  | 10.93  |                                                                                     | B5                                                                                  |
|                                   | 111                                    | 31                     | 8.2  | 12.60  |                                                                                     | B5                                                                                  |
|                                   | 105                                    | 32                     | 7.8  | 13.30  |                                                                                     | B5                                                                                  |
|                                   | 91.5                                   | 37                     | 7.6  | 15.30  |                                                                                     | B5                                                                                  |
|                                   | 76.9                                   | 44                     | 6.3  | 18.21  |                                                                                     | B5                                                                                  |
|                                   | 72.8                                   | 47                     | 6.0  | 19.24  |                                                                                     | B5                                                                                  |
|                                   | 66.2                                   | 51                     | 5.5  | 21.15  |                                                                                     | B5                                                                                  |
|                                   | 56.0                                   | 61                     | 5.0  | 24.99  |                                                                                     | B5                                                                                  |
|                                   | 45.8                                   | 74                     | 4.0  | 30.57  |                                                                                     | B5                                                                                  |
|                                   | 40.9                                   | 83                     | 3.6  | 34.20  |                                                                                     | B5                                                                                  |
|                                   | 36.2                                   | 94                     | 3.2  | 38.63  |                                                                                     | B5                                                                                  |
|                                   | 31.7                                   | 107                    | 2.8  | 44.18  |                                                                                     | B5                                                                                  |
|                                   | 27.3                                   | 124                    | 2.4  | 51.30  |                                                                                     | B5                                                                                  |
|                                   | 23.0                                   | 147                    | 2.0  | 60.80  |                                                                                     | B5                                                                                  |
|                                   | 19.2                                   | 173                    | 1.7  | 72.83  | CMG033                                                                              | B5/B14                                                                              |
|                                   | 14.4                                   | 231                    | 1.3  | 97.45  |                                                                                     | B5/B14                                                                              |
|                                   | 12.1                                   | 275                    | 1.1  | 115.74 |                                                                                     | B5/B14                                                                              |
|                                   | 9.9                                    | 334                    | 0.9  | 140.81 |                                                                                     | B5/B14                                                                              |
|                                   | 19.2                                   | 173                    | 2.9  | 72.83  | CMG043                                                                              | B5/B14                                                                              |
|                                   | 14.4                                   | 231                    | 2.2  | 97.45  |                                                                                     | B5/B14                                                                              |
|                                   | 12.1                                   | 275                    | 1.8  | 115.74 |                                                                                     | B5/B14                                                                              |
|                                   | 9.9                                    | 334                    | 1.5  | 140.81 |                                                                                     | B5/B14                                                                              |
|                                   | 8.0                                    | 413                    | 1.2  | 174.26 |                                                                                     | B5/B14                                                                              |
|                                   | 6.2                                    | 535                    | 0.9  | 225.47 |                                                                                     | B5/B14                                                                              |

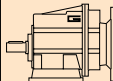
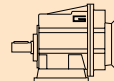
**CMG****Motoriduttori ad ingranaggi cilindrici**  
**Helical in-line gearmotors****Dati tecnici****Technical data**

| P <sub>1</sub><br>[kW]            | n <sub>2</sub><br>[min <sup>-1</sup> ] | M <sub>2</sub><br>[Nm] | sf   | i     |  |  | P <sub>1</sub><br>[kW]            | n <sub>2</sub><br>[min <sup>-1</sup> ] | M <sub>2</sub><br>[Nm] | sf     | i             |  |  |
|-----------------------------------|----------------------------------------|------------------------|------|-------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------|----------------------------------------|------------------------|--------|---------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>0.55</b>                       |                                        |                        |      |       |                                                                                   |                                                                                   | <b>0.55</b>                       |                                        |                        |        |               |                                                                                     |                                                                                     |
| 80A4<br>(1400 min <sup>-1</sup> ) | <b>279</b>                             | 18                     | 2.2  | 5.03  | <b>CMG002</b>                                                                     | <b>B5/B14</b>                                                                     | 80A4<br>(1400 min <sup>-1</sup> ) | <b>72.8</b>                            | 69                     | 4.0    | 19.24         | <b>CMG032</b>                                                                       | <b>B5/B14</b>                                                                       |
|                                   | <b>230</b>                             | 22                     | 1.8  | 6.10  |                                                                                   | <b>B5/B14</b>                                                                     | <b>66.2</b>                       | 76                                     | 3.7                    | 21.15  | <b>B5/B14</b> |                                                                                     |                                                                                     |
|                                   | <b>187</b>                             | 27                     | 1.5  | 7.49  |                                                                                   | <b>B5/B14</b>                                                                     | <b>56.0</b>                       | 90                                     | 3.3                    | 24.99  | <b>B5/B14</b> |                                                                                     |                                                                                     |
|                                   | <b>156</b>                             | 32                     | 1.5  | 8.99  |                                                                                   | <b>B5/B14</b>                                                                     | <b>45.8</b>                       | 110                                    | 2.7                    | 30.57  | <b>B5/B14</b> |                                                                                     |                                                                                     |
|                                   | <b>138</b>                             | 37                     | 1.4  | 10.16 |                                                                                   | <b>B5/B14</b>                                                                     | <b>40.9</b>                       | 123                                    | 2.4                    | 34.20  | <b>B5/B14</b> |                                                                                     |                                                                                     |
|                                   | <b>116</b>                             | 43                     | 1.2  | 12.07 |                                                                                   | <b>B5/B14</b>                                                                     | <b>36.2</b>                       | 139                                    | 2.2                    | 38.63  | <b>B5/B14</b> |                                                                                     |                                                                                     |
|                                   | <b>105</b>                             | 48                     | 1.5  | 13.40 |                                                                                   | <b>B5/B14</b>                                                                     | <b>31.7</b>                       | 159                                    | 1.9                    | 44.18  | <b>B5/B14</b> |                                                                                     |                                                                                     |
|                                   | <b>92.5</b>                            | 55                     | 1.3  | 15.14 |                                                                                   | <b>B5/B14</b>                                                                     | <b>27.3</b>                       | 185                                    | 1.6                    | 51.30  | <b>B5/B14</b> |                                                                                     |                                                                                     |
|                                   | <b>77.1</b>                            | 65                     | 1.1  | 18.17 |                                                                                   | <b>B5/B14</b>                                                                     | <b>23.0</b>                       | 219                                    | 1.4                    | 60.80  | <b>B5/B14</b> |                                                                                     |                                                                                     |
|                                   | <b>64.9</b>                            | 78                     | 0.9  | 21.58 |                                                                                   | <b>B5/B14</b>                                                                     |                                   |                                        |                        |        |               |                                                                                     |                                                                                     |
|                                   | <b>59.6</b>                            | 85                     | 0.8  | 23.51 | <b>CMG012</b>                                                                     | <b>B5/B14</b>                                                                     | <b>19.2</b>                       | 257                                    | 1.2                    | 72.83  | <b>CMG033</b> | <b>B5/B14</b>                                                                       |                                                                                     |
|                                   | <b>23.0</b>                            | 219                    | 0.9  | 60.90 |                                                                                   | <b>B5/B14</b>                                                                     | <b>14.4</b>                       | 344                                    | 0.9                    | 97.45  |               | <b>B5/B14</b>                                                                       |                                                                                     |
|                                   | <b>367</b>                             | 14                     | 4.4  | 3.82  |                                                                                   | <b>B5/B14</b>                                                                     | <b>23.0</b>                       | 219                                    | 2.2                    | 60.80  | <b>CMG042</b> | <b>B5/B14</b>                                                                       |                                                                                     |
|                                   | <b>302</b>                             | 17                     | 3.6  | 4.63  |                                                                                   | <b>B5/B14</b>                                                                     |                                   |                                        |                        |        |               |                                                                                     |                                                                                     |
|                                   | <b>246</b>                             | 20                     | 2.9  | 5.69  |                                                                                   | <b>B5/B14</b>                                                                     | <b>19.2</b>                       | 257                                    | 1.9                    | 72.83  | <b>CMG043</b> | <b>B5/B14</b>                                                                       |                                                                                     |
|                                   | <b>181</b>                             | 28                     | 2.9  | 7.72  |                                                                                   | <b>B5/B14</b>                                                                     | <b>14.4</b>                       | 344                                    | 1.5                    | 97.45  |               | <b>B5/B14</b>                                                                       |                                                                                     |
|                                   | <b>153</b>                             | 33                     | 2.4  | 9.17  |                                                                                   | <b>B5/B14</b>                                                                     | <b>12.1</b>                       | 408                                    | 1.2                    | 115.74 |               | <b>B5/B14</b>                                                                       |                                                                                     |
|                                   | <b>143</b>                             | 35                     | 2.3  | 9.81  |                                                                                   | <b>B5/B14</b>                                                                     | <b>9.9</b>                        | 497                                    | 1.0                    | 140.81 |               | <b>B5/B14</b>                                                                       |                                                                                     |
|                                   | <b>122</b>                             | 41                     | 2.4  | 11.50 |                                                                                   | <b>B5/B14</b>                                                                     | <b>9.9</b>                        | 497                                    | 1.0                    | 140.81 |               | <b>B5/B14</b>                                                                       |                                                                                     |
|                                   | <b>118</b>                             | 43                     | 2.3  | 11.90 |                                                                                   | <b>B5/B14</b>                                                                     | <b>8.0</b>                        | 615                                    | 0.8                    | 174.26 |               | <b>B5/B14</b>                                                                       |                                                                                     |
|                                   | <b>101</b>                             | 50                     | 2.4  | 13.80 |                                                                                   | <b>B5/B14</b>                                                                     |                                   |                                        |                        |        |               |                                                                                     |                                                                                     |
|                                   | <b>95.7</b>                            | 53                     | 2.3  | 14.62 |                                                                                   | <b>B5/B14</b>                                                                     |                                   |                                        |                        |        |               |                                                                                     |                                                                                     |
|                                   | <b>78.4</b>                            | 64                     | 1.9  | 17.86 |                                                                                   | <b>B5/B14</b>                                                                     |                                   |                                        |                        |        |               |                                                                                     |                                                                                     |
|                                   | <b>73.4</b>                            | 69                     | 1.7  | 19.07 |                                                                                   | <b>B5/B14</b>                                                                     |                                   |                                        |                        |        |               |                                                                                     |                                                                                     |
|                                   | <b>70.6</b>                            | 71                     | 1.7  | 19.83 | <b>CMG022</b>                                                                     | <b>B5/B14</b>                                                                     | <b>0.75</b>                       |                                        |                        |        |               |                                                                                     |                                                                                     |
|                                   | <b>59.4</b>                            | 85                     | 1.4  | 23.56 |                                                                                   | <b>B5/B14</b>                                                                     | 80B4<br>(1400 min <sup>-1</sup> ) | <b>279</b>                             | 25                     | 1.6    | 5.03          | <b>CMG002</b>                                                                       | <b>B5/B14</b>                                                                       |
|                                   | <b>47.4</b>                            | 106                    | 1.1  | 29.56 |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>230</b>                             | 30                     | 1.3    | 6.10          |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>39.5</b>                            | 128                    | 0.9  | 35.47 |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>187</b>                             | 37                     | 1.1    | 7.49          |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>383</b>                             | 13                     | 7.6  | 3.66  |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>156</b>                             | 44                     | 1.1    | 8.99          |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>316</b>                             | 16                     | 6.3  | 4.43  |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>138</b>                             | 50                     | 1.0    | 10.16         |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>257</b>                             | 20                     | 5.1  | 5.45  |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>116</b>                             | 59                     | 0.8    | 12.07         |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>189</b>                             | 27                     | 4.5  | 7.39  |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>105</b>                             | 66                     | 1.1    | 13.40         |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>160</b>                             | 32                     | 3.8  | 8.78  |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>92.5</b>                            | 74                     | 0.9    | 15.14         |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>141</b>                             | 36                     | 3.4  | 9.93  |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>77.1</b>                            | 89                     | 0.8    | 18.17         |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>127</b>                             | 40                     | 5.0  | 11.01 |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>367</b>                             | 19                     | 3.2    | 3.82          | <b>CMG012</b>                                                                       |                                                                                     |
|                                   | <b>116</b>                             | 43                     | 4.6  | 12.05 |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>302</b>                             | 23                     | 2.6    | 4.63          |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>106</b>                             | 48                     | 4.2  | 13.21 |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>246</b>                             | 28                     | 2.1    | 5.69          |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>94.6</b>                            | 53                     | 3.8  | 14.81 |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>181</b>                             | 38                     | 2.1    | 7.72          |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>81.9</b>                            | 62                     | 2.6  | 17.10 |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>153</b>                             | 45                     | 1.8    | 9.17          |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>76.7</b>                            | 66                     | 2.4  | 18.26 |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>143</b>                             | 48                     | 1.7    | 9.81          |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>69.7</b>                            | 72                     | 2.8  | 20.08 |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>122</b>                             | 56                     | 1.8    | 11.50         |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>58.7</b>                            | 86                     | 2.3  | 23.85 |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>118</b>                             | 58                     | 1.7    | 11.90         |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>46.8</b>                            | 108                    | 1.9  | 29.93 |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>101</b>                             | 68                     | 1.8    | 13.80         |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>39.0</b>                            | 129                    | 1.5  | 35.91 |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>95.7</b>                            | 72                     | 1.7    | 14.62         |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>30.1</b>                            | 167                    | 1.2  | 46.46 | <b>CMG023</b>                                                                     | <b>B5/B14</b>                                                                     |                                   | <b>78.4</b>                            | 88                     | 1.4    | 17.86         | <b>CMG022</b>                                                                       | <b>B5/B14</b>                                                                       |
|                                   | <b>28.2</b>                            | 179                    | 1.1  | 49.61 |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>73.4</b>                            | 94                     | 1.3    | 19.07         |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>25.9</b>                            | 194                    | 1.0  | 54.00 |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>70.6</b>                            | 97                     | 1.2    | 19.83         |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>23.0</b>                            | 219                    | 0.9  | 60.90 |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>59.4</b>                            | 116                    | 1.0    | 23.56         |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>21.9</b>                            | 226                    | 0.9  | 64.01 |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>383</b>                             | 18                     | 5.6    | 3.66          |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>374</b>                             | 13                     | 11.1 | 3.74  |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>316</b>                             | 22                     | 4.6    | 4.43          |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>311</b>                             | 16                     | 9.2  | 4.50  |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>257</b>                             | 27                     | 3.7    | 5.45          |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>255</b>                             | 20                     | 7.6  | 5.48  |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>189</b>                             | 36                     | 3.3    | 7.39          |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>222</b>                             | 23                     | 7.9  | 6.31  |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>160</b>                             | 43                     | 2.8    | 8.78          |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>177</b>                             | 29                     | 6.3  | 7.93  |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>141</b>                             | 49                     | 2.5    | 9.93          |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>154</b>                             | 33                     | 5.5  | 9.08  | <b>CMG032</b>                                                                     | <b>B5/B14</b>                                                                     |                                   | <b>127</b>                             | 54                     | 3.7    | 11.01         |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>128</b>                             | 39                     | 4.6  | 10.93 |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>116</b>                             | 59                     | 3.4    | 12.05         |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>111</b>                             | 45                     | 5.5  | 12.60 |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>106</b>                             | 65                     | 3.1    | 13.21         |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>105</b>                             | 48                     | 5.2  | 13.30 |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>94.6</b>                            | 73                     | 2.8    | 14.81         |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>91.5</b>                            | 55                     | 5.1  | 15.30 |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>81.9</b>                            | 84                     | 1.9    | 17.10         |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   | <b>76.9</b>                            | 66                     | 4.3  | 18.21 |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>76.7</b>                            | 90                     | 1.8    | 18.26         |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   |                                        |                        |      |       |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>69.7</b>                            | 99                     | 2.0    | 20.08         |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   |                                        |                        |      |       |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>58.7</b>                            | 117                    | 1.7    | 23.85         |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   |                                        |                        |      |       |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>46.8</b>                            | 147                    | 1.4    | 29.93         |                                                                                     | <b>B5/B14</b>                                                                       |
|                                   |                                        |                        |      |       |                                                                                   | <b>B5/B14</b>                                                                     |                                   | <b>39.0</b>                            | 176                    | 1.1    | 35.91         |                                                                                     | <b>B5/B14</b>                                                                       |

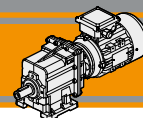


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Technical data

| P <sub>1</sub><br>[kW]            | n <sub>2</sub><br>[min <sup>-1</sup> ] | M <sub>2</sub><br>[Nm] | sf   | i      |  |  | P <sub>1</sub><br>[kW]            | n <sub>2</sub><br>[min <sup>-1</sup> ] | M <sub>2</sub><br>[Nm] | sf    | i      |  |  |        |
|-----------------------------------|----------------------------------------|------------------------|------|--------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------|----------------------------------------|------------------------|-------|--------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|
| 0.75                              |                                        |                        |      |        |                                                                                   |                                                                                   | 1.1                               |                                        |                        |       |        |                                                                                     |                                                                                     |        |
| 80B4<br>(1400 min <sup>-1</sup> ) | 30.1                                   | 228                    | 0.9  | 46.46  | CMG022                                                                            | B5/B14                                                                            | 90S4<br>(1400 min <sup>-1</sup> ) | 383                                    | 26                     | 3.8   | 3.66   | CMG022                                                                              | B5/B14                                                                              |        |
|                                   | 28.2                                   | 244                    | 0.8  | 49.61  |                                                                                   | B5/B14                                                                            |                                   | 316                                    | 32                     | 3.1   | 4.43   |                                                                                     | B5/B14                                                                              |        |
|                                   | 25.9                                   | 265                    | 0.8  | 54.00  |                                                                                   | B5/B14                                                                            |                                   | 257                                    | 39                     | 2.5   | 5.45   |                                                                                     | B5/B14                                                                              |        |
|                                   | 374                                    | 18                     | 8.2  | 3.74   | CMG032                                                                            | B5/B14                                                                            |                                   | 189                                    | 53                     | 2.3   | 7.39   | CMG032                                                                              | B5/B14                                                                              |        |
|                                   | 311                                    | 22                     | 6.8  | 4.50   |                                                                                   | B5/B14                                                                            |                                   | 160                                    | 63                     | 1.9   | 8.78   |                                                                                     | B5/B14                                                                              |        |
|                                   | 255                                    | 27                     | 5.6  | 5.48   |                                                                                   | B5/B14                                                                            |                                   | 141                                    | 72                     | 1.7   | 9.93   |                                                                                     | B5/B14                                                                              |        |
|                                   | 222                                    | 31                     | 5.8  | 6.31   |                                                                                   | B5/B14                                                                            |                                   | 127                                    | 79                     | 2.5   | 11.01  |                                                                                     | B5/B14                                                                              |        |
|                                   | 177                                    | 39                     | 4.6  | 7.93   |                                                                                   | B5/B14                                                                            |                                   | 116                                    | 87                     | 2.3   | 12.05  |                                                                                     | B5/B14                                                                              |        |
|                                   | 154                                    | 45                     | 4.0  | 9.08   |                                                                                   | B5/B14                                                                            |                                   | 106                                    | 95                     | 2.1   | 13.21  |                                                                                     | B5/B14                                                                              |        |
|                                   | 128                                    | 54                     | 3.4  | 10.93  |                                                                                   | B5/B14                                                                            |                                   | 94.6                                   | 107                    | 1.9   | 14.81  |                                                                                     | B5/B14                                                                              |        |
|                                   | 111                                    | 62                     | 4.0  | 12.60  |                                                                                   | B5/B14                                                                            |                                   | 81.9                                   | 123                    | 1.3   | 17.10  |                                                                                     | B5/B14                                                                              |        |
|                                   | 105                                    | 65                     | 3.8  | 13.30  |                                                                                   | B5/B14                                                                            |                                   | 76.7                                   | 132                    | 1.2   | 18.26  |                                                                                     | B5/B14                                                                              |        |
|                                   | 91.5                                   | 75                     | 3.7  | 15.30  |                                                                                   | B5/B14                                                                            |                                   | 69.7                                   | 145                    | 1.4   | 20.08  |                                                                                     | B5/B14                                                                              |        |
|                                   | 76.9                                   | 89                     | 3.1  | 18.21  |                                                                                   | B5/B14                                                                            |                                   | 58.7                                   | 172                    | 1.2   | 23.85  |                                                                                     | B5/B14                                                                              |        |
|                                   | 72.8                                   | 94                     | 3.0  | 19.24  |                                                                                   | B5/B14                                                                            |                                   | 46.8                                   | 216                    | 0.9   | 29.93  |                                                                                     | B5/B14                                                                              |        |
|                                   | 66.2                                   | 104                    | 2.7  | 21.15  |                                                                                   | B5/B14                                                                            |                                   | 39.0                                   | 259                    | 0.8   | 35.91  |                                                                                     | B5/B14                                                                              |        |
|                                   | 56.0                                   | 123                    | 2.4  | 24.99  |                                                                                   | B5/B14                                                                            |                                   |                                        |                        |       |        |                                                                                     |                                                                                     |        |
|                                   | 45.8                                   | 150                    | 2.0  | 30.57  |                                                                                   | B5/B14                                                                            |                                   | 374                                    | 27                     | 5.6   | 3.74   |                                                                                     | CMG032                                                                              | B5/B14 |
|                                   | 40.9                                   | 168                    | 1.8  | 34.20  |                                                                                   | B5/B14                                                                            |                                   | 311                                    | 32                     | 4.6   | 4.50   |                                                                                     |                                                                                     | B5/B14 |
|                                   | 36.2                                   | 190                    | 1.6  | 38.63  |                                                                                   | B5/B14                                                                            |                                   | 255                                    | 39                     | 3.8   | 5.48   |                                                                                     |                                                                                     | B5/B14 |
|                                   | 31.7                                   | 217                    | 1.4  | 44.18  | B5/B14                                                                            |                                                                                   | 222                               | 45                                     | 4.0                    | 6.31  | B5/B14 |                                                                                     |                                                                                     |        |
|                                   | 27.3                                   | 252                    | 1.2  | 51.30  | B5/B14                                                                            |                                                                                   | 177                               | 57                                     | 3.2                    | 7.93  | B5/B14 |                                                                                     |                                                                                     |        |
|                                   | 23.0                                   | 299                    | 1.0  | 60.80  | B5/B14                                                                            |                                                                                   | 154                               | 65                                     | 2.8                    | 9.08  | B5/B14 |                                                                                     |                                                                                     |        |
|                                   |                                        |                        |      |        |                                                                                   |                                                                                   | 128                               | 79                                     | 2.3                    | 10.93 | B5/B14 |                                                                                     |                                                                                     |        |
|                                   | 374                                    | 18                     | 12.5 | 3.74   | CMG042                                                                            | B5/B14                                                                            |                                   | 111                                    | 91                     | 2.8   | 12.60  | B5/B14                                                                              |                                                                                     |        |
|                                   | 311                                    | 22                     | 10.4 | 4.50   |                                                                                   | B5/B14                                                                            |                                   | 105                                    | 96                     | 2.6   | 13.30  | B5/B14                                                                              |                                                                                     |        |
|                                   | 255                                    | 27                     | 8.5  | 5.48   |                                                                                   | B5/B14                                                                            |                                   | 91.5                                   | 110                    | 2.5   | 15.30  | B5/B14                                                                              |                                                                                     |        |
|                                   | 222                                    | 31                     | 8.4  | 6.31   |                                                                                   | B5/B14                                                                            |                                   | 76.9                                   | 131                    | 2.1   | 18.21  | B5/B14                                                                              |                                                                                     |        |
|                                   | 177                                    | 39                     | 6.7  | 7.93   |                                                                                   | B5/B14                                                                            |                                   | 72.8                                   | 139                    | 2.0   | 19.24  | B5/B14                                                                              |                                                                                     |        |
|                                   | 154                                    | 45                     | 6.3  | 9.08   |                                                                                   | B5/B14                                                                            |                                   | 66.2                                   | 152                    | 1.8   | 21.15  | B5/B14                                                                              |                                                                                     |        |
|                                   | 128                                    | 54                     | 5.2  | 10.93  |                                                                                   | B5/B14                                                                            |                                   | 56.0                                   | 180                    | 1.7   | 24.99  | B5/B14                                                                              |                                                                                     |        |
|                                   | 111                                    | 62                     | 5.7  | 12.60  |                                                                                   | B5/B14                                                                            |                                   | 45.8                                   | 220                    | 1.4   | 30.57  | B5/B14                                                                              |                                                                                     |        |
|                                   | 105                                    | 65                     | 5.4  | 13.30  |                                                                                   | B5/B14                                                                            |                                   | 40.9                                   | 246                    | 1.2   | 34.20  | B5/B14                                                                              |                                                                                     |        |
|                                   | 91.5                                   | 75                     | 5.6  | 15.30  |                                                                                   | B5/B14                                                                            |                                   | 36.2                                   | 278                    | 1.1   | 38.63  | B5/B14                                                                              |                                                                                     |        |
|                                   | 76.9                                   | 89                     | 4.7  | 18.21  | B5/B14                                                                            |                                                                                   | 31.7                              | 318                                    | 0.9                    | 44.18 | B5/B14 |                                                                                     |                                                                                     |        |
|                                   | 72.8                                   | 94                     | 4.4  | 19.24  | B5/B14                                                                            |                                                                                   |                                   |                                        |                        |       |        |                                                                                     |                                                                                     |        |
|                                   | 56.0                                   | 123                    | 4.1  | 24.99  | B5/B14                                                                            |                                                                                   | 374                               | 27                                     | 8.5                    | 3.74  | CMG042 | B5/B14                                                                              |                                                                                     |        |
|                                   | 45.8                                   | 150                    | 3.3  | 30.57  | B5/B14                                                                            |                                                                                   | 311                               | 32                                     | 7.1                    | 4.50  |        | B5/B14                                                                              |                                                                                     |        |
|                                   | 40.9                                   | 168                    | 3.0  | 34.20  | B5/B14                                                                            |                                                                                   | 255                               | 39                                     | 5.8                    | 5.48  |        | B5/B14                                                                              |                                                                                     |        |
|                                   | 36.2                                   | 190                    | 2.6  | 38.63  | B5/B14                                                                            |                                                                                   | 222                               | 45                                     | 5.7                    | 6.31  |        | B5/B14                                                                              |                                                                                     |        |
|                                   | 31.7                                   | 217                    | 2.3  | 44.18  | B5/B14                                                                            |                                                                                   | 177                               | 57                                     | 4.6                    | 7.93  |        | B5/B14                                                                              |                                                                                     |        |
|                                   | 27.3                                   | 252                    | 2.0  | 51.30  | B5/B14                                                                            |                                                                                   | 154                               | 65                                     | 4.3                    | 9.08  |        | B5/B14                                                                              |                                                                                     |        |
|                                   | 23.0                                   | 299                    | 1.6  | 60.80  | B5/B14                                                                            |                                                                                   | 128                               | 79                                     | 3.6                    | 10.93 |        | B5/B14                                                                              |                                                                                     |        |
|                                   |                                        |                        |      |        |                                                                                   |                                                                                   | 111                               | 91                                     | 3.9                    | 12.60 |        | B5/B14                                                                              |                                                                                     |        |
|                                   | 19.2                                   | 350                    | 1.4  | 72.83  | CMG043                                                                            | B5/B14                                                                            |                                   | 105                                    | 96                     | 3.7   |        | 13.30                                                                               | B5/B14                                                                              |        |
|                                   | 14.4                                   | 469                    | 1.1  | 97.45  |                                                                                   | B5/B14                                                                            |                                   | 91.5                                   | 110                    | 3.8   |        | 15.30                                                                               | B5/B14                                                                              |        |
|                                   | 12.1                                   | 557                    | 0.9  | 115.74 |                                                                                   | B5/B14                                                                            |                                   | 76.9                                   | 131                    | 3.2   | 18.21  | B5/B14                                                                              |                                                                                     |        |
|                                   |                                        |                        |      |        |                                                                                   | B5/B14                                                                            |                                   | 72.8                                   | 139                    | 3.0   | 19.24  | B5/B14                                                                              |                                                                                     |        |
| 1.1                               |                                        |                        |      |        |                                                                                   |                                                                                   | 1.5                               |                                        |                        |       |        |                                                                                     |                                                                                     |        |
| 90S4<br>(1400 min <sup>-1</sup> ) | 367                                    | 28                     | 2.2  | 3.82   | CMG012                                                                            | B5/B14                                                                            | 90L4<br>(1400 min <sup>-1</sup> ) | 367                                    | 38                     | 1.6   | 3.82   | CMG012                                                                              | B5/B14                                                                              |        |
|                                   | 302                                    | 33                     | 1.8  | 4.63   |                                                                                   | B5/B14                                                                            |                                   | 302                                    | 45                     | 1.3   | 4.63   |                                                                                     | B5/B14                                                                              |        |
|                                   | 246                                    | 41                     | 1.5  | 5.69   |                                                                                   | B5/B14                                                                            |                                   | 246                                    | 56                     | 1.1   | 5.69   |                                                                                     | B5/B14                                                                              |        |
|                                   | 181                                    | 56                     | 1.4  | 7.72   |                                                                                   | B5/B14                                                                            |                                   | 181                                    | 76                     | 1.1   | 7.72   |                                                                                     | B5/B14                                                                              |        |
|                                   | 153                                    | 66                     | 1.2  | 9.17   |                                                                                   | B5/B14                                                                            |                                   | 153                                    | 90                     | 0.9   | 9.17   |                                                                                     | B5/B14                                                                              |        |
|                                   | 143                                    | 71                     | 1.1  | 9.81   |                                                                                   | B5/B14                                                                            |                                   |                                        |                        |       |        |                                                                                     |                                                                                     |        |
|                                   | 122                                    | 83                     | 1.2  | 11.50  |                                                                                   | B5/B14                                                                            |                                   |                                        |                        |       |        |                                                                                     |                                                                                     |        |
|                                   | 118                                    | 86                     | 1.2  | 11.90  |                                                                                   | B5/B14                                                                            |                                   |                                        |                        |       |        |                                                                                     |                                                                                     |        |
|                                   | 101                                    | 99                     | 1.2  | 13.80  |                                                                                   | B5/B14                                                                            |                                   |                                        |                        |       |        |                                                                                     |                                                                                     |        |
|                                   | 95.7                                   | 105                    | 1.1  | 14.62  |                                                                                   | B5/B14                                                                            |                                   |                                        |                        |       |        |                                                                                     |                                                                                     |        |
|                                   | 78                                     | 129                    | 0.9  | 17.86  |                                                                                   | B5/B14                                                                            |                                   |                                        |                        |       |        |                                                                                     |                                                                                     |        |
|                                   | 73                                     | 137                    | 0.9  | 19.07  |                                                                                   | B5/B14                                                                            |                                   |                                        |                        |       |        |                                                                                     |                                                                                     |        |
|                                   | 70.6                                   | 143                    | 0.8  | 19.83  |                                                                                   | B5/B14                                                                            |                                   |                                        |                        |       |        |                                                                                     |                                                                                     |        |





Dati tecnici

Technical data

| P <sub>1</sub><br>[kW] | n <sub>2</sub><br>[min <sup>-1</sup> ] | M <sub>2</sub><br>[Nm] | sf | i |  |  |
|------------------------|----------------------------------------|------------------------|----|---|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|------------------------|----------------------------------------|------------------------|----|---|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|

2.2

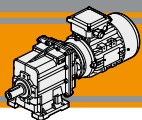
|                                     |             |     |     |       |               |               |
|-------------------------------------|-------------|-----|-----|-------|---------------|---------------|
| 100LA4<br>(1400 min <sup>-1</sup> ) | <b>56.0</b> | 360 | 1.4 | 24.99 | <b>CMG042</b> | <b>B5/B14</b> |
|                                     | <b>45.8</b> | 440 | 1.1 | 30.57 |               | <b>B5/B14</b> |
|                                     | <b>40.8</b> | 494 | 1.0 | 34.30 |               | <b>B5/B14</b> |
|                                     | <b>36.2</b> | 557 | 0.9 | 38.63 |               | <b>B5/B14</b> |

3

|                                     |             |     |     |       |               |               |
|-------------------------------------|-------------|-----|-----|-------|---------------|---------------|
| 100LB4<br>(1400 min <sup>-1</sup> ) | <b>374</b>  | 74  | 2.0 | 3.74  | <b>CMG032</b> | <b>B5/B14</b> |
|                                     | <b>311</b>  | 88  | 1.7 | 4.50  |               | <b>B5/B14</b> |
|                                     | <b>255</b>  | 108 | 1.4 | 5.48  |               | <b>B5/B14</b> |
|                                     | <b>222</b>  | 124 | 1.5 | 6.31  |               | <b>B5/B14</b> |
|                                     | <b>177</b>  | 156 | 1.2 | 7.93  |               | <b>B5/B14</b> |
|                                     | <b>154</b>  | 178 | 1.0 | 9.08  |               | <b>B5/B14</b> |
|                                     | <b>128</b>  | 215 | 0.8 | 10.93 |               | <b>B5/B14</b> |
|                                     | <b>111</b>  | 248 | 1.0 | 12.60 |               | <b>B5/B14</b> |
|                                     | <b>105</b>  | 261 | 1.0 | 13.30 |               | <b>B5/B14</b> |
|                                     | <b>91.5</b> | 301 | 0.9 | 15.30 |               | <b>B5/B14</b> |
|                                     | <b>374</b>  | 74  | 3.1 | 3.74  | <b>CMG042</b> | <b>B5/B14</b> |
|                                     | <b>311</b>  | 88  | 2.6 | 4.50  |               | <b>B5/B14</b> |
|                                     | <b>255</b>  | 108 | 2.1 | 5.48  |               | <b>B5/B14</b> |
|                                     | <b>222</b>  | 124 | 2.1 | 6.31  |               | <b>B5/B14</b> |
|                                     | <b>177</b>  | 156 | 1.7 | 7.93  |               | <b>B5/B14</b> |
|                                     | <b>154</b>  | 178 | 1.6 | 9.08  |               | <b>B5/B14</b> |
|                                     | <b>128</b>  | 215 | 1.3 | 10.93 |               | <b>B5/B14</b> |
|                                     | <b>111</b>  | 248 | 1.4 | 12.60 |               | <b>B5/B14</b> |
|                                     | <b>105</b>  | 261 | 1.3 | 13.30 |               | <b>B5/B14</b> |
|                                     | <b>92</b>   | 301 | 1.4 | 15.30 |               | <b>B5/B14</b> |
|                                     | <b>77</b>   | 358 | 1.2 | 18.21 |               | <b>B5/B14</b> |
|                                     | <b>73</b>   | 378 | 1.1 | 19.24 |               | <b>B5/B14</b> |
|                                     | <b>56</b>   | 491 | 1.0 | 24.99 |               | <b>B5/B14</b> |
|                                     | <b>46</b>   | 601 | 0.8 | 30.57 |               | <b>B5/B14</b> |

4

|                                    |             |     |     |       |               |               |
|------------------------------------|-------------|-----|-----|-------|---------------|---------------|
| 112M4<br>(1400 min <sup>-1</sup> ) | <b>374</b>  | 98  | 1.5 | 3.74  | <b>CMG032</b> | <b>B5/B14</b> |
|                                    | <b>311</b>  | 118 | 1.3 | 4.50  |               | <b>B5/B14</b> |
|                                    | <b>255</b>  | 144 | 1.0 | 5.48  |               | <b>B5/B14</b> |
|                                    | <b>222</b>  | 165 | 1.1 | 6.31  |               | <b>B5/B14</b> |
|                                    | <b>177</b>  | 208 | 0.9 | 7.93  |               | <b>B5/B14</b> |
|                                    | <b>374</b>  | 98  | 2.3 | 3.74  | <b>CMG042</b> | <b>B5/B14</b> |
|                                    | <b>311</b>  | 118 | 1.9 | 4.50  |               | <b>B5/B14</b> |
|                                    | <b>255</b>  | 144 | 1.6 | 5.48  |               | <b>B5/B14</b> |
|                                    | <b>222</b>  | 165 | 1.6 | 6.31  |               | <b>B5/B14</b> |
|                                    | <b>177</b>  | 208 | 1.3 | 7.93  |               | <b>B5/B14</b> |
|                                    | <b>154</b>  | 238 | 1.2 | 9.08  |               | <b>B5/B14</b> |
|                                    | <b>128</b>  | 286 | 1.0 | 10.93 |               | <b>B5/B14</b> |
|                                    | <b>111</b>  | 330 | 1.1 | 12.60 |               | <b>B5/B14</b> |
|                                    | <b>105</b>  | 348 | 1.0 | 13.30 |               | <b>B5/B14</b> |
|                                    | <b>91.5</b> | 401 | 1.0 | 15.30 |               | <b>B5/B14</b> |
|                                    | <b>76.9</b> | 477 | 0.9 | 18.21 |               | <b>B5/B14</b> |
|                                    | <b>72.8</b> | 504 | 0.8 | 19.24 |               | <b>B5/B14</b> |
|                                    | <b>56.0</b> | 655 | 0.8 | 24.99 |               | <b>B5/B14</b> |



**CMG**

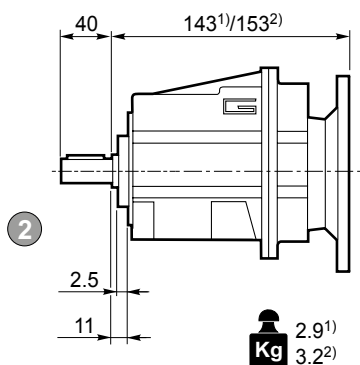
Motoriduttori ad ingranaggi cilindrici  
Helical in-line gearmotors

Dimensioni

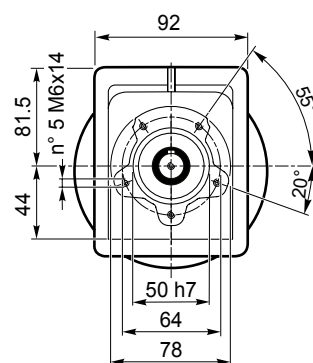
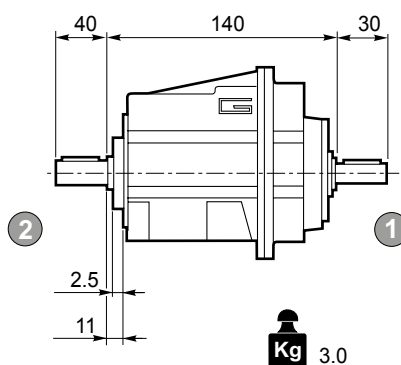
Dimensions

## CMG 002 U

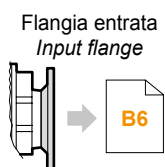
### CMG 002 U



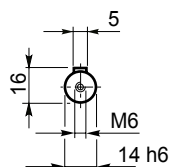
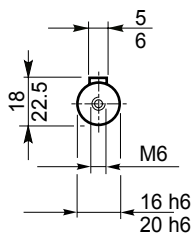
### CMGIS 002 U



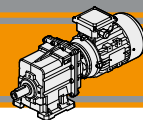
<sup>1)</sup>IEC 63/71, <sup>2)</sup>IEC 80



Albero uscita  
Output shaft  
2



Albero entrata  
Input shaft  
1

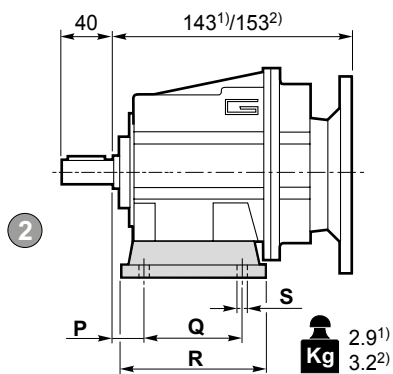


Dimensioni

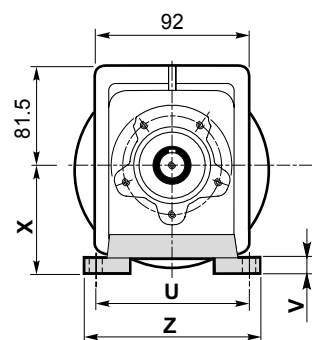
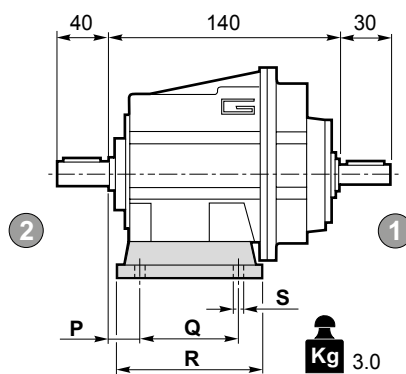
Dimensions

CMG 002 H..

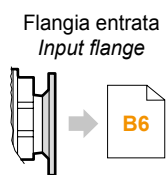
CMG 002 H..



CMGIS 002 H..

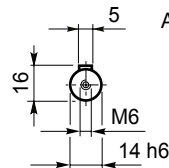
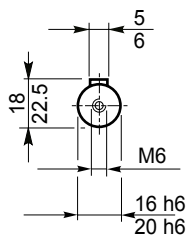


<sup>1)</sup>IEC 63/71, <sup>2)</sup>IEC 80



Albero uscita  
Output shaft

2

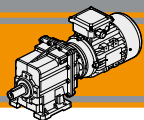


Albero entrata  
Input shaft

1

| Versione H / H Version |    |         |     |   |           |    |    |     |              |                    |
|------------------------|----|---------|-----|---|-----------|----|----|-----|--------------|--------------------|
| CMG<br>CMGIS           | P  | Q       | R   | S | U         | V  | X  | Z   | Piede / Foot |                    |
|                        |    |         |     |   |           |    |    |     | Tipo / Type  | Peso / Weight [kg] |
| 002                    | 18 | 60      | 80  | 9 | 100       | 10 | 60 | 120 | H60          | 0.2                |
|                        | 18 | 80      | 104 | 9 | 110 - 120 | 10 | 75 | 145 | H75          | 0.3                |
|                        | 18 | 50 - 87 | 110 | 9 | 110       | 10 | 85 | 135 | H85          | 0.4                |

Preferenziale / Preferred



**CMG**

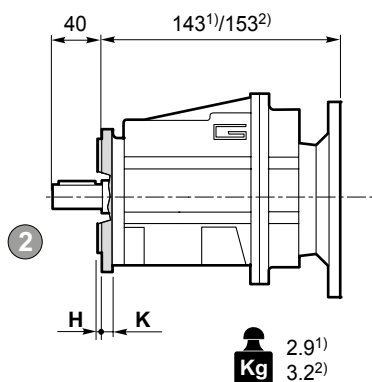
Motoriduttori ad ingranaggi cilindrici  
Helical in-line gearmotors

Dimensioni

Dimensions

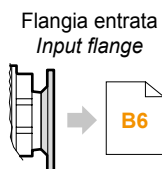
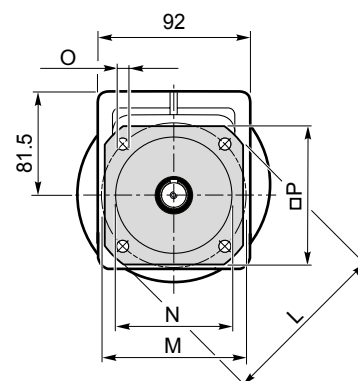
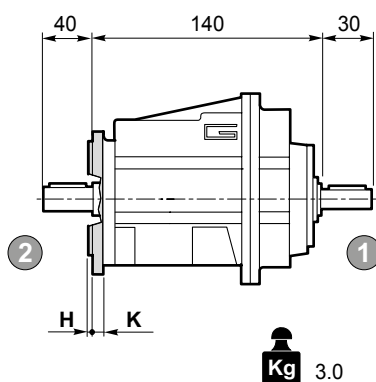
## CMG 002 F..

### CMG 002 F..

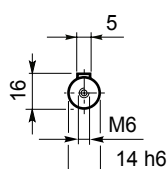
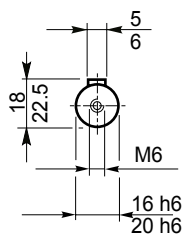


<sup>1)</sup>IEC 63/71, <sup>2)</sup>IEC 80

### CMGIS 002 F..

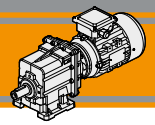


Albero uscita  
Output shaft  
**2**



Albero entrata  
Input shaft  
**1**

| Versione F / F Version |     |   |     |     |         |     |     |                  |                       |
|------------------------|-----|---|-----|-----|---------|-----|-----|------------------|-----------------------|
| CMG<br>CMGIS           | H   | K | L   | M   | N<br>f7 | O   | P   | Flangia / Flange |                       |
|                        |     |   |     |     |         |     |     | Tipo / Type      | Peso / Weight<br>[kg] |
| 002                    | 3.5 | 7 | 105 | 85  | 70      | 6.5 | 90  | F105             | 0.1                   |
|                        | 3.5 | 8 | 120 | 100 | 80      | 7   | 100 | F120             | 0.2                   |
|                        | 3.5 | 8 | 140 | 115 | 95      | 9   | 115 | F140             | 0.2                   |



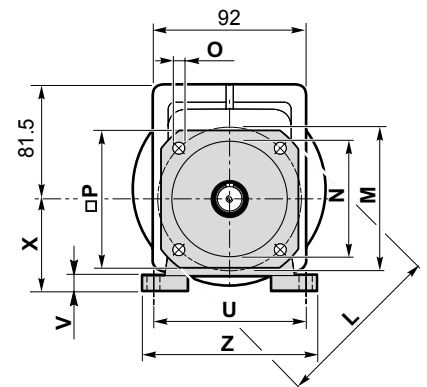
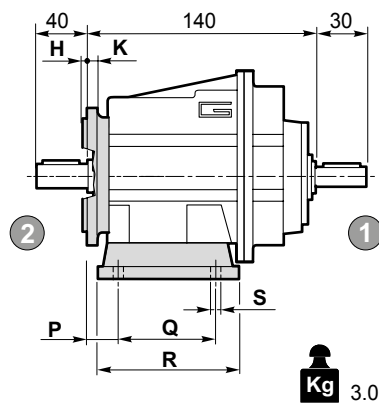
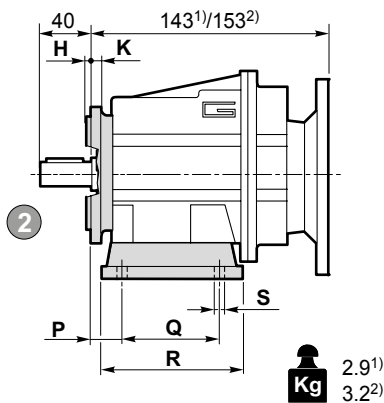
Dimensioni

Dimensions

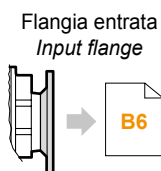
CMG 002 H../F..

CMG 002 H../F..

CMGIS 002 H../F..

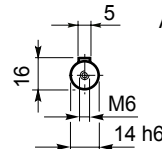
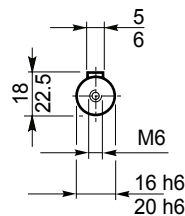


<sup>1)</sup>IEC 63/71, <sup>2)</sup>IEC 80



Albero uscita  
Output shaft

2



Albero entrata  
Input shaft

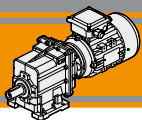
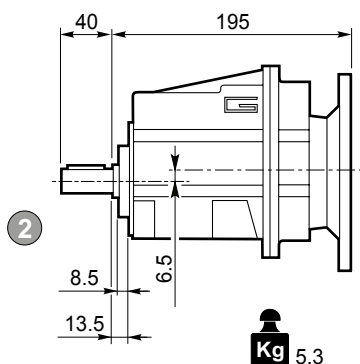
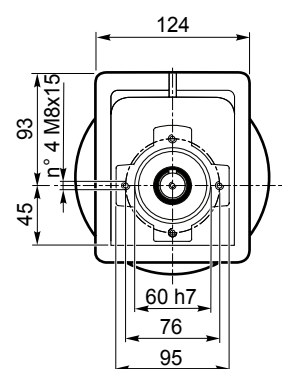
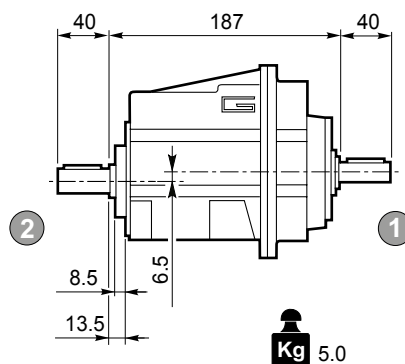
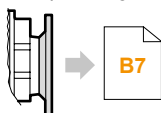
1

| Versione <b>H</b> / <i>H</i> Version |    |         |     |   |           |    |    |     |                     |                              | Combinazioni possibili H/F<br><i>Possible combinations H/F</i> |      |      |
|--------------------------------------|----|---------|-----|---|-----------|----|----|-----|---------------------|------------------------------|----------------------------------------------------------------|------|------|
| CMG<br>CMGIS                         | P  | Q       | R   | S | U         | V  | X  | Z   | Piede / <i>Foot</i> |                              | F105                                                           | F120 | F140 |
|                                      |    |         |     |   |           |    |    |     | Tipo<br><i>Type</i> | Peso / <i>Weight</i><br>[kg] |                                                                |      |      |
| 002                                  | 18 | 60      | 80  | 9 | 100       | 10 | 60 | 120 | H60                 | 0.2                          | •                                                              | •    | •    |
|                                      | 18 | 80      | 104 | 9 | 110 - 120 | 10 | 75 | 145 | H75                 | 0.3                          | •                                                              | •    | •    |
|                                      | 18 | 50 - 87 | 110 | 9 | 110       | 10 | 85 | 135 | H85                 | 0.4                          | •                                                              | •    | •    |

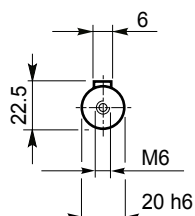
Preferenziale / Preferred

• Combinazioni possibili H/F / Possible combinations H/F

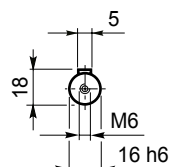
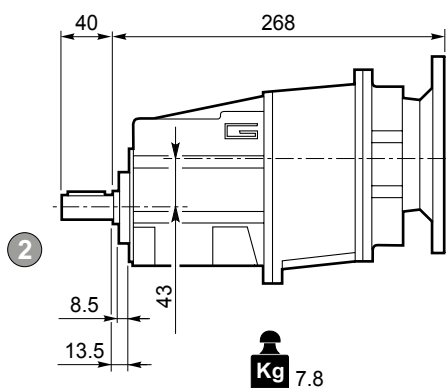
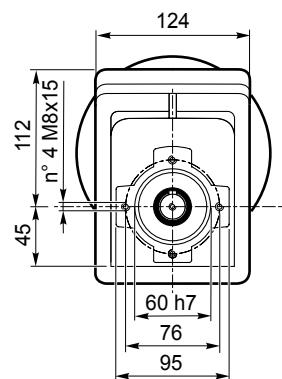
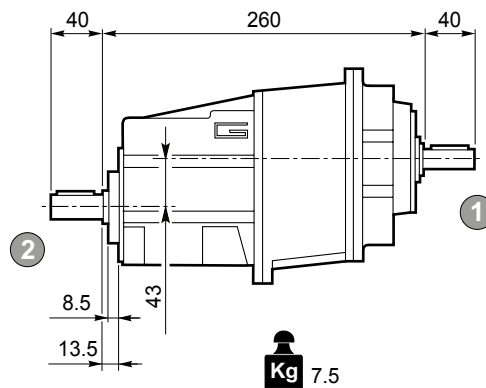
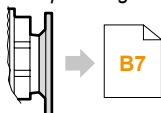
| Versione <b>F</b> / <i>F Version</i> |          |          |          |          |                |          |          |                         |                       |
|--------------------------------------|----------|----------|----------|----------|----------------|----------|----------|-------------------------|-----------------------|
| <b>CMG</b><br><b>CMGIS</b>           | <b>H</b> | <b>K</b> | <b>L</b> | <b>M</b> | <b>N</b><br>f7 | <b>O</b> | <b>P</b> | <b>Flangia / Flange</b> |                       |
|                                      |          |          |          |          |                |          |          | Tipo / Type             | Peso / Weight<br>[kg] |
| <b>002</b>                           | 3.5      | 7        | 105      | 85       | 70             | 6.5      | 90       | <b>F105</b>             | 0.1                   |
|                                      | 3.5      | 8        | 120      | 100      | 80             | 7        | 100      | <b>F120</b>             | 0.2                   |
|                                      | 3.5      | 8        | 140      | 115      | 95             | 9        | 115      | <b>F140</b>             | 0.2                   |

**CMG****Motoriduttori ad ingranaggi cilindrici**  
**Helical in-line gearmotors****Dimensioni****Dimensions****CMG 012 U - CMG 013 U****CMG 012 U****CMGIS 012 U**Flangia entrata  
Input flangeAlbero uscita  
Output shaft

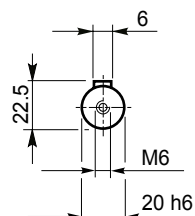
2

Albero entrata  
Input shaft

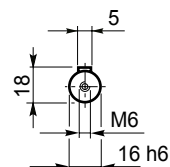
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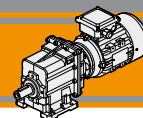
**CMG 013 U****CMGIS 013 U**Flangia entrata  
Input flangeAlbero uscita  
Output shaft

2

Albero entrata  
Input shaft

1



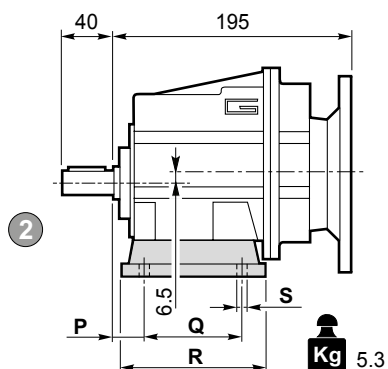


Dimensioni

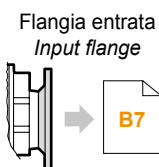
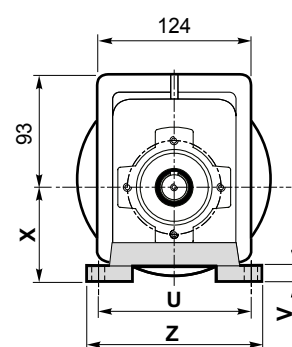
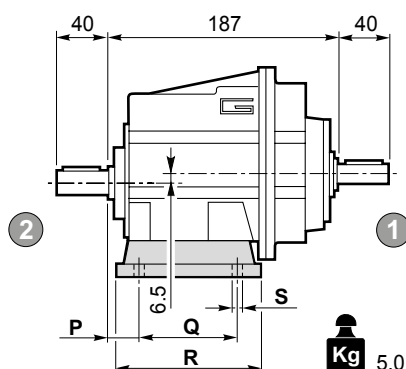
Dimensions

CMG 012 H.. - CMG 013 H..

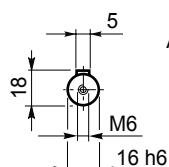
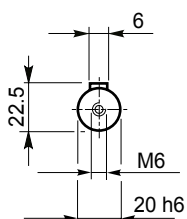
CMG 012 H..



CMGIS 012 H..

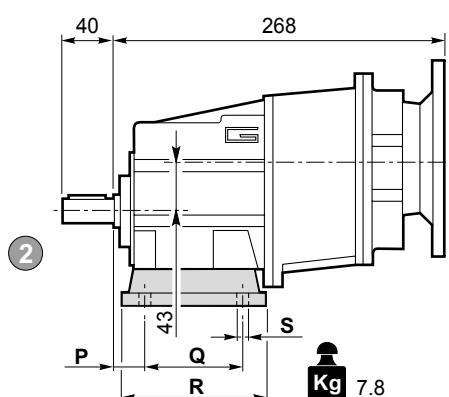


Albero uscita  
Output shaft  
2

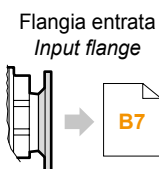
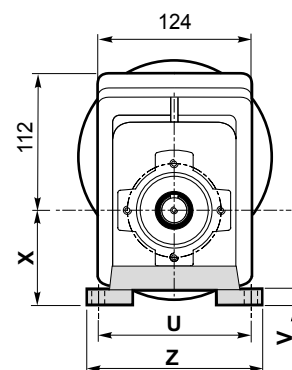
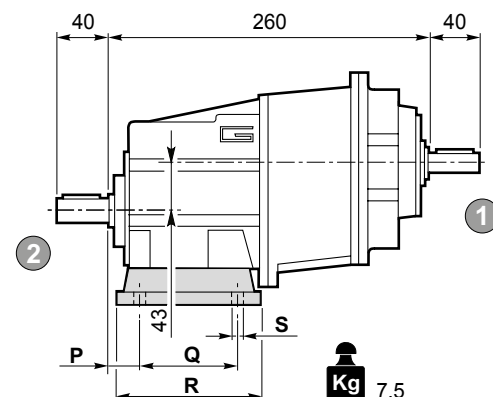


Albero entrata  
Input shaft  
1

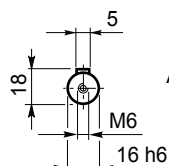
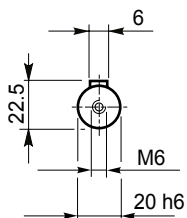
CMG 013 H..



CMGIS 013 H..



Albero uscita  
Output shaft  
2

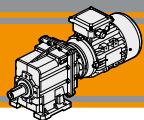


Albero entrata  
Input shaft  
1

Versione H / H Version

| CMG<br>CMGIS | P  | Q          | R   | S  | U   | V  | X   | Z   | Piede / Foot |                    |
|--------------|----|------------|-----|----|-----|----|-----|-----|--------------|--------------------|
|              |    |            |     |    |     |    |     |     | Tipo / Type  | Peso / Weight [kg] |
| 012<br>013   | 20 | 85         | 108 | 9  | 115 | 12 | 65  | 139 | H65          | 0.7                |
|              | 18 | 80         | 118 | 9  | 110 | 12 | 75  | 140 | H75          | 1.0                |
|              | 25 | 85         | 120 | 9  | 120 | 12 | 80  | 140 | H80          | 1.1                |
|              | 18 | 50 - 87    | 118 | 9  | 110 | 12 | 85  | 130 | H85          | 1.2                |
|              | 25 | 130        | 154 | 9  | 110 | 12 | 90  | 135 | H90          | 1.5                |
|              | 18 | 60 - 107.5 | 135 | 11 | 130 | 12 | 100 | 155 | H100         | 1.7                |

Preferenziale / Preferred



**CMG**

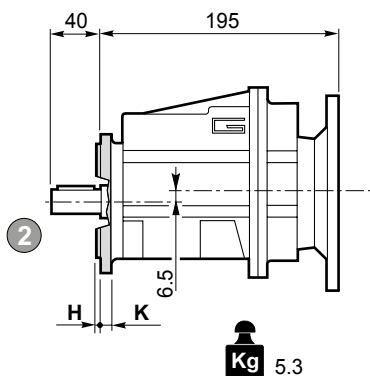
Motoriduttori ad ingranaggi cilindrici  
Helical in-line gearmotors

Dimensioni

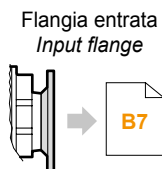
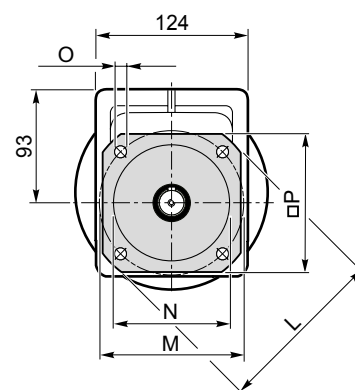
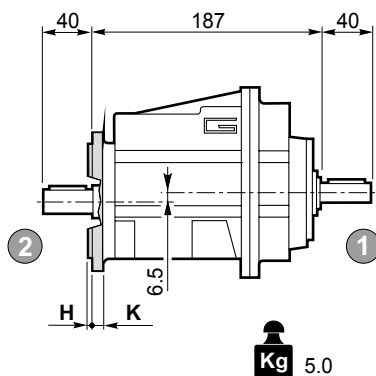
Dimensions

**CMG 012 F.. - CMG 013 F..**

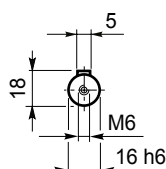
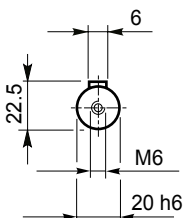
**CMG 012 F..**



**CMGIS 012 F..**

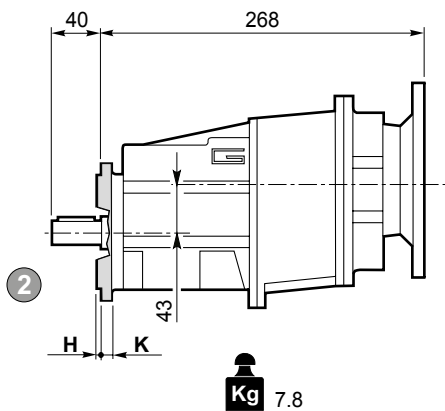


Albero uscita  
Output shaft  
2

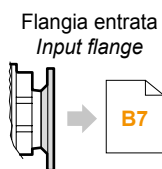
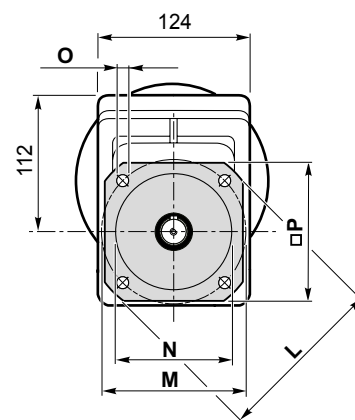
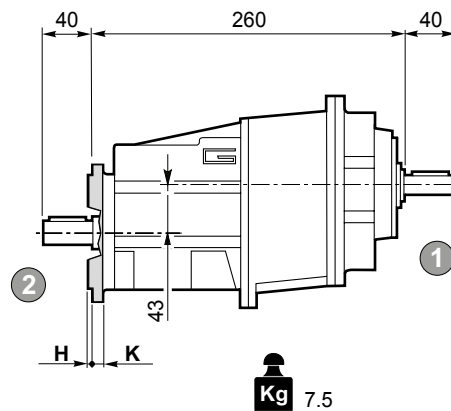


Albero entrata  
Input shaft  
1

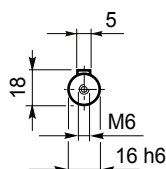
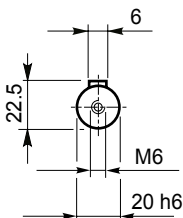
**CMG 013 F..**



**CMGIS 013 F..**



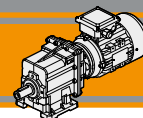
Albero uscita  
Output shaft  
2



Albero entrata  
Input shaft  
1

Versione F / F Version

| CMG<br>CMGIS       | H   | K  | L   | M   | N<br>f7 | O  | P   | Flangia / Flange |                       |
|--------------------|-----|----|-----|-----|---------|----|-----|------------------|-----------------------|
|                    |     |    |     |     |         |    |     | Tipo / Type      | Peso / Weight<br>[kg] |
| <b>012<br/>013</b> | 3   | 9  | 120 | 100 | 80      | 9  | 106 | <b>F120</b>      | 0.5                   |
|                    | 3.5 | 9  | 140 | 115 | 95      | 9  | 115 | <b>F140</b>      | 0.8                   |
|                    | 3.5 | 9  | 160 | 130 | 110     | 9  | 126 | <b>F160</b>      | 1.1                   |
|                    | 3.5 | 11 | 200 | 165 | 130     | 11 | 165 | <b>F200</b>      | 1.8                   |



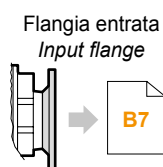
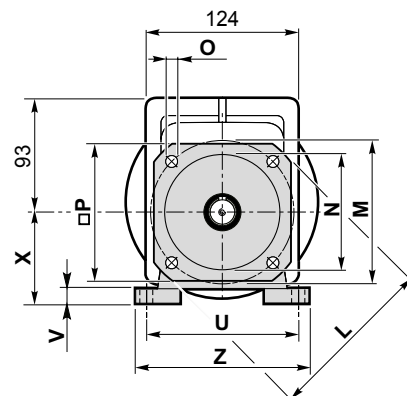
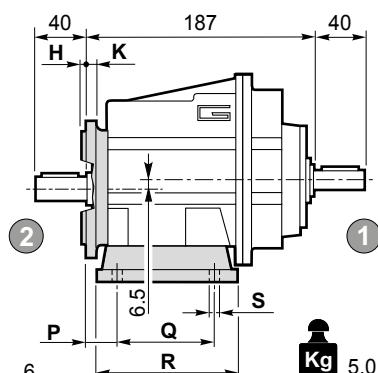
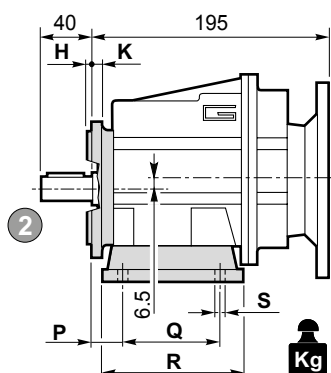
Dimensioni

Dimensions

CMG 012 H../F.. - CMG 013 H../F..

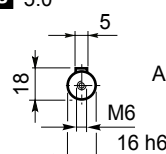
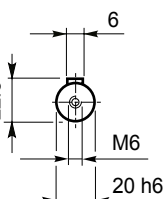
CMG 012 H../F..

CMGIS 012 H../F..



Albero uscita  
Output shaft

2

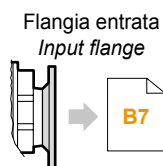
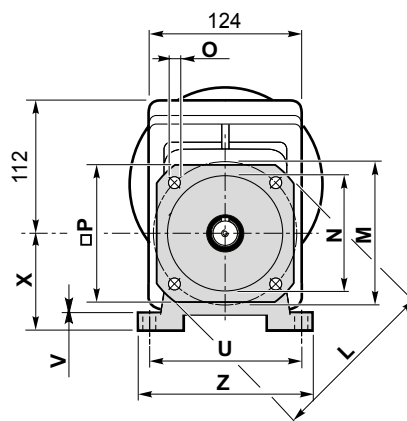
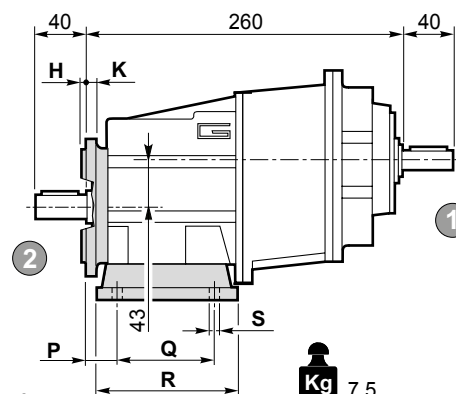
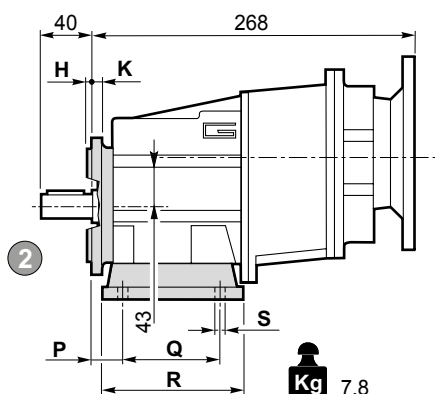


Albero entrata  
Input shaft

1

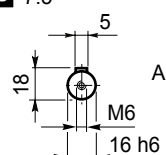
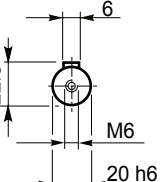
CMG 013 H../F..

CMGIS 013 H../F..



Albero uscita  
Output shaft

2



Albero entrata  
Input shaft

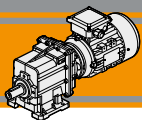
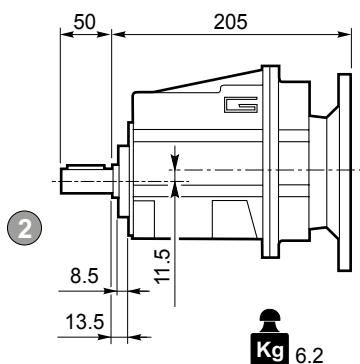
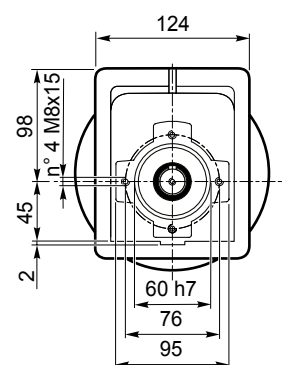
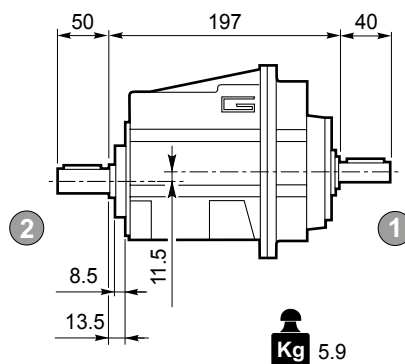
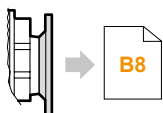
1

| Versione <b>H</b> / <b>H</b> Version |    |            |     |    |     |    |     |     |              |                       | Combinazioni possibili H/F<br><i>Possible combinations H/F</i> |      |      |      |
|--------------------------------------|----|------------|-----|----|-----|----|-----|-----|--------------|-----------------------|----------------------------------------------------------------|------|------|------|
| CMG<br>CMGIS                         | P  | Q          | R   | S  | U   | V  | X   | Z   | Piede / Foot |                       |                                                                |      |      |      |
|                                      |    |            |     |    |     |    |     |     | Tipo<br>Type | Peso / Weight<br>[kg] | F120                                                           | F140 | F160 | F200 |
| 012<br>013                           | 20 | 85         | 108 | 9  | 115 | 12 | 65  | 139 | H65          | 0.7                   | ●                                                              | ●    |      |      |
|                                      | 18 | 80         | 118 | 9  | 110 | 12 | 75  | 140 | H75          | 1.0                   | ●                                                              | ●    | ●    |      |
|                                      | 25 | 85         | 120 | 9  | 120 | 12 | 80  | 140 | H80          | 1.1                   | ●                                                              | ●    | ●    |      |
|                                      | 18 | 50 - 87    | 118 | 9  | 110 | 12 | 85  | 130 | H85          | 1.2                   | ●                                                              | ●    | ●    |      |
|                                      | 25 | 130        | 154 | 9  | 110 | 12 | 90  | 135 | H90          | 1.5                   | ●                                                              | ●    | ●    | ●    |
|                                      | 18 | 60 - 107.5 | 135 | 11 | 130 | 12 | 100 | 155 | H100         | 1.7                   | ●                                                              | ●    | ●    | ●    |

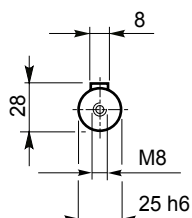
Preferenziale / Preferred

• Combinazioni possibili H/F / Possible combinations H/F

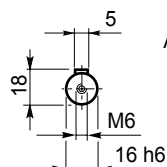
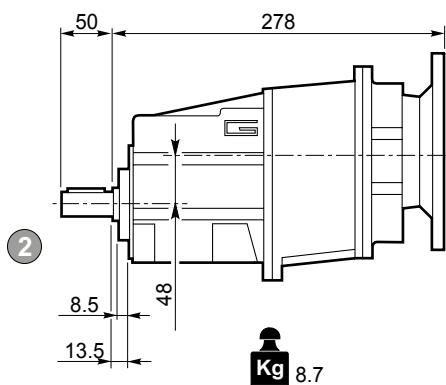
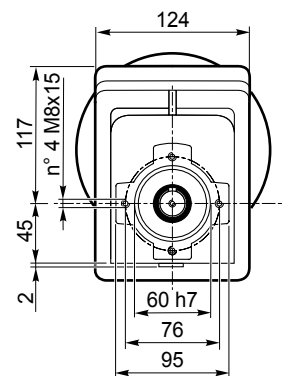
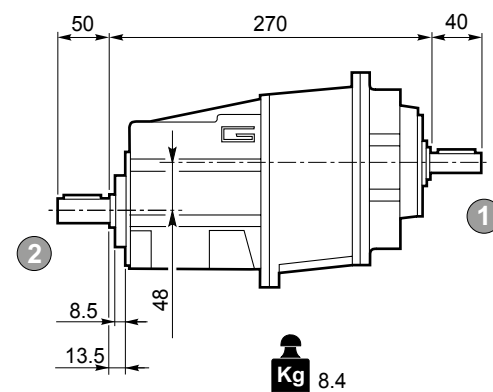
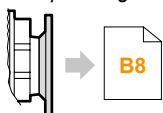
| Versione F / F Version |     |    |     |     |         |    |     |                  |                       |
|------------------------|-----|----|-----|-----|---------|----|-----|------------------|-----------------------|
| CMG<br>CMGIS           | H   | K  | L   | M   | N<br>f7 | O  | P   | Flangia / Flange |                       |
|                        |     |    |     |     |         |    |     | Tipo / Type      | Peso / Weight<br>[kg] |
| 012<br>013             | 3   | 9  | 120 | 100 | 80      | 9  | 106 | F120             | 0.5                   |
|                        | 3.5 | 9  | 140 | 115 | 95      | 9  | 115 | F140             | 0.8                   |
|                        | 3.5 | 9  | 160 | 130 | 110     | 9  | 126 | F160             | 1.1                   |
|                        | 3.5 | 11 | 200 | 165 | 130     | 11 | 165 | F200             | 1.8                   |

**CMG****Motoriduttori ad ingranaggi cilindrici**  
**Helical in-line gearmotors****Dimensioni****Dimensions****CMG 022 U - CMG 023 U****CMG 022 U****CMGIS 022 U**Flangia entrata  
Input flangeAlbero uscita  
Output shaft

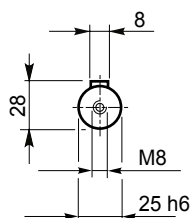
2

Albero entrata  
Input shaft

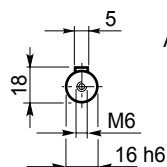
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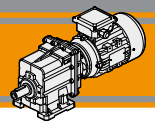
**CMG 023 U****CMGIS 023 U**Flangia entrata  
Input flangeAlbero uscita  
Output shaft

2

Albero entrata  
Input shaft

1



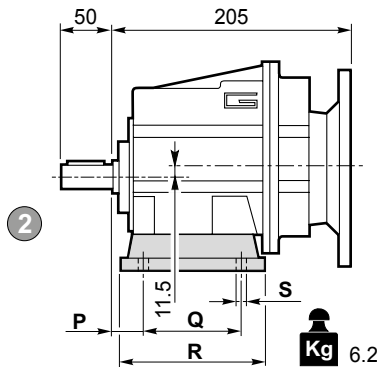


Dimensioni

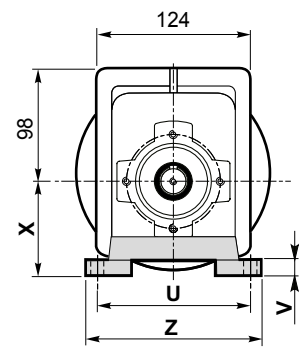
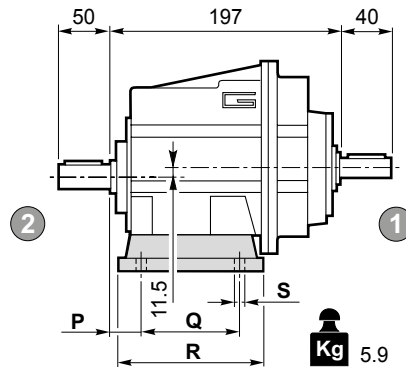
Dimensions

CMG 022 H.. - CMG 023 H..

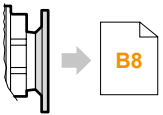
CMG 022 H..



CMGIS 022 H..

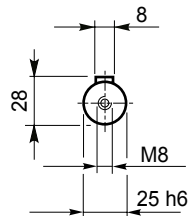


Flangia entrata  
Input flange



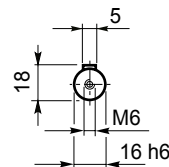
Albero uscita  
Output shaft

2

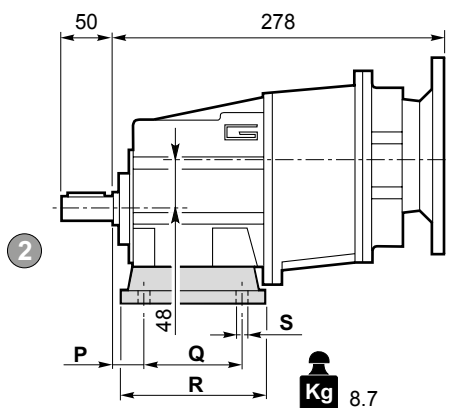


Albero entrata  
Input shaft

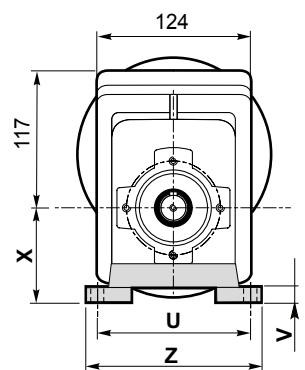
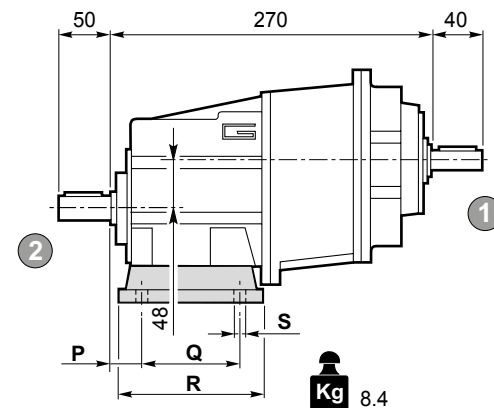
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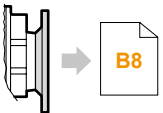
CMG 023 H..



CMGIS 023 H..

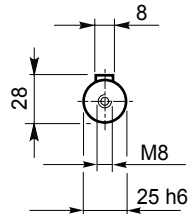


Flangia entrata  
Input flange



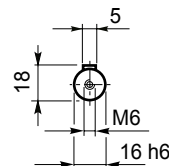
Albero uscita  
Output shaft

2



Albero entrata  
Input shaft

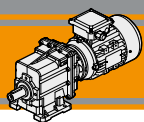
1



Versione H / H Version

| CMG<br>CMGIS | P  | Q          | R   | S  | U   | V  | X   | Z   | Piede / Foot |                    |
|--------------|----|------------|-----|----|-----|----|-----|-----|--------------|--------------------|
|              |    |            |     |    |     |    |     |     | Tipo / Type  | Peso / Weight [kg] |
| 022<br>023   | 20 | 85         | 108 | 9  | 115 | 12 | 65  | 139 | H65          | 0.7                |
|              | 18 | 80         | 118 | 9  | 110 | 12 | 75  | 140 | H75          | 1.0                |
|              | 25 | 85         | 120 | 9  | 120 | 12 | 80  | 140 | H80          | 1.1                |
|              | 18 | 50 - 87    | 118 | 9  | 110 | 12 | 85  | 130 | H85          | 1.2                |
|              | 25 | 130        | 154 | 9  | 110 | 12 | 90  | 135 | H90          | 1.5                |
|              | 18 | 60 - 107.5 | 135 | 11 | 130 | 12 | 100 | 155 | H100         | 1.7                |

Preferenziale / Preferred



**CMG**

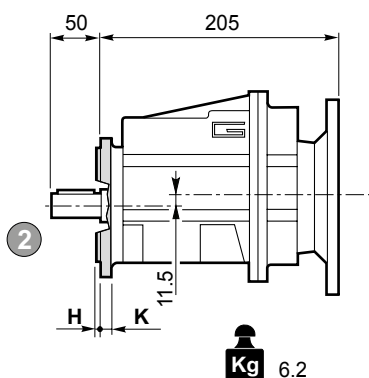
Motoriduttori ad ingranaggi cilindrici  
Helical in-line gearmotors

Dimensioni

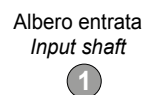
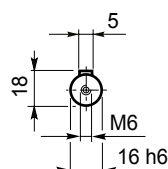
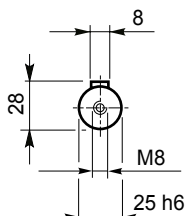
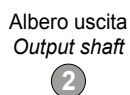
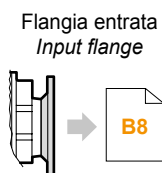
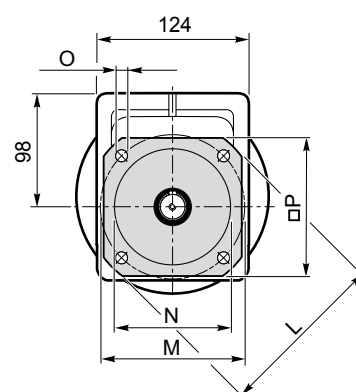
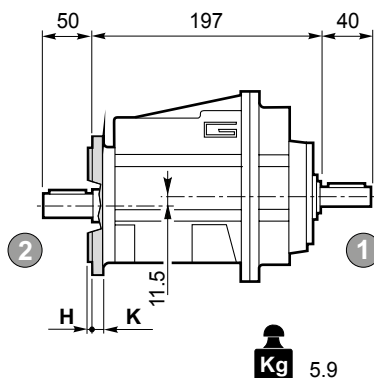
Dimensions

## CMG 022 F.. - CMG 023 F..

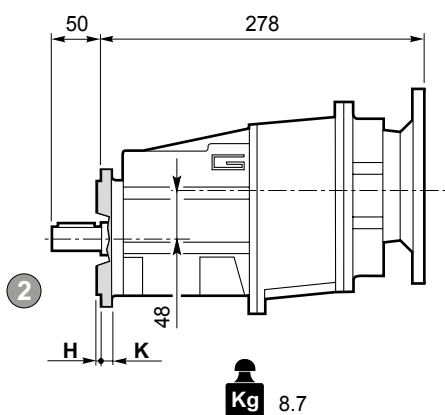
### CMG 022 F..



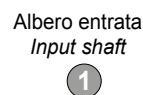
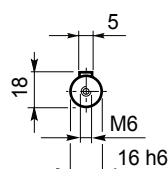
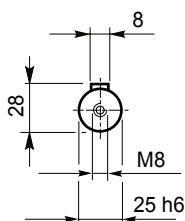
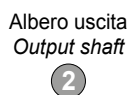
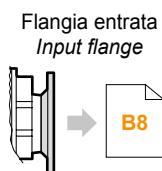
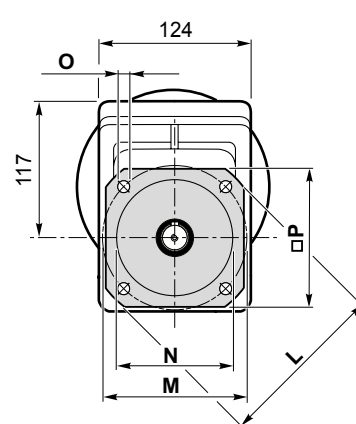
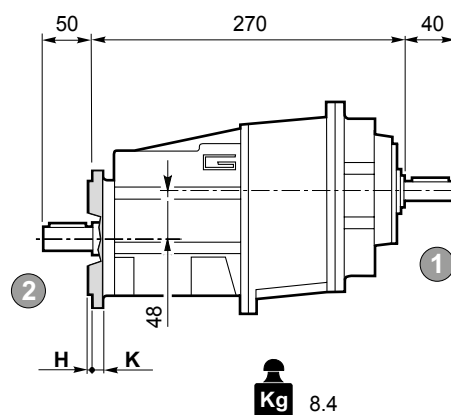
### CMGIS 022 F..



### CMG 023 F..

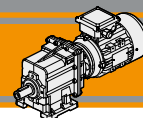


### CMGIS 023 F..



Versione F / F Version

| CMG<br>CMGIS             | H   | K  | L   | M   | N<br>f7 | O  | P   | Flangia / Flange |                       |
|--------------------------|-----|----|-----|-----|---------|----|-----|------------------|-----------------------|
|                          |     |    |     |     |         |    |     | Tipo / Type      | Peso / Weight<br>[kg] |
| <b>022</b><br><b>023</b> | 3   | 9  | 120 | 100 | 80      | 9  | 106 | <b>F120</b>      | 0.5                   |
|                          | 3.5 | 9  | 140 | 115 | 95      | 9  | 115 | <b>F140</b>      | 0.8                   |
|                          | 3.5 | 9  | 160 | 130 | 110     | 9  | 126 | <b>F160</b>      | 1.1                   |
|                          | 3.5 | 11 | 200 | 165 | 130     | 11 | 165 | <b>F200</b>      | 1.8                   |



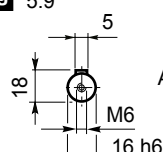
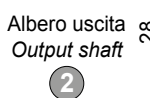
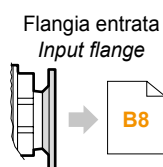
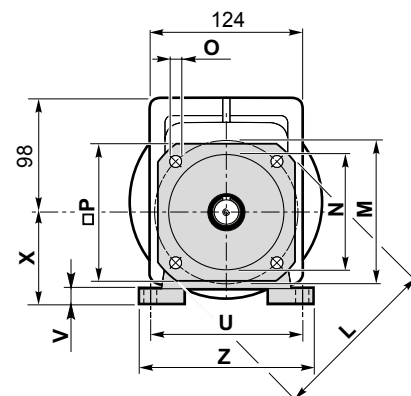
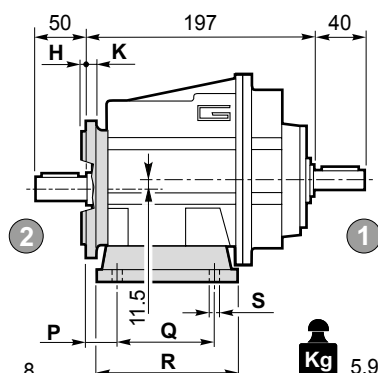
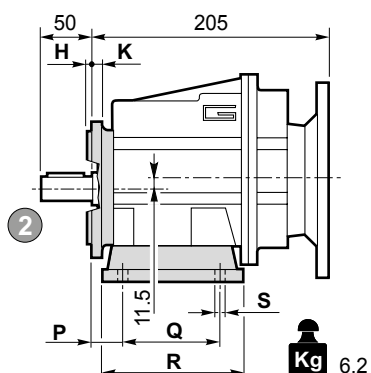
Dimensioni

Dimensions

CMG 022 H../F.. - CMG 023 H../F..

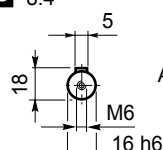
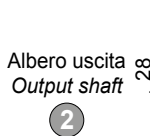
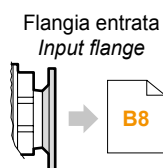
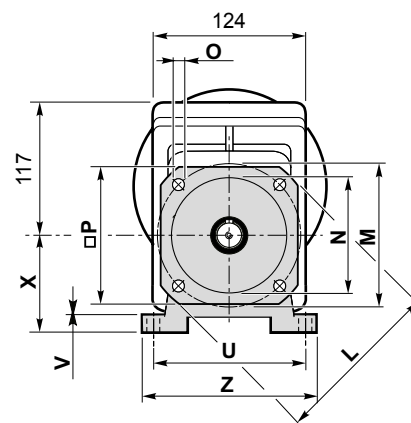
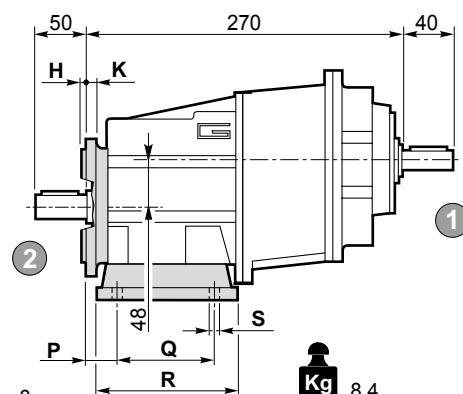
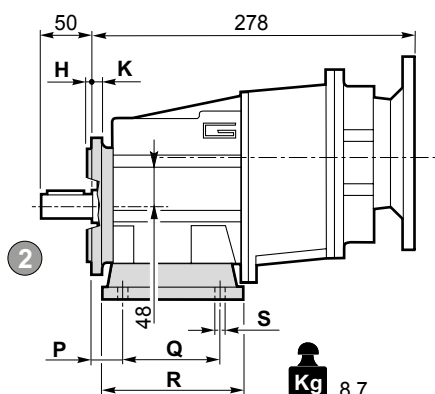
CMG 022 H../F..

CMGIS 022 H../F..



CMG 023 H../F..

CMGIS 023 H../F..

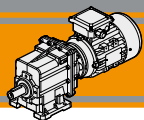
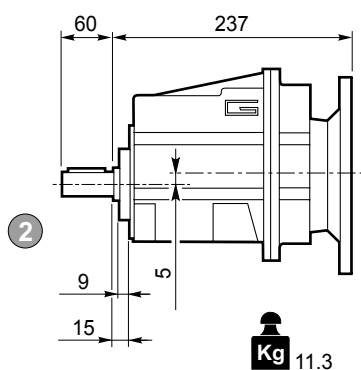
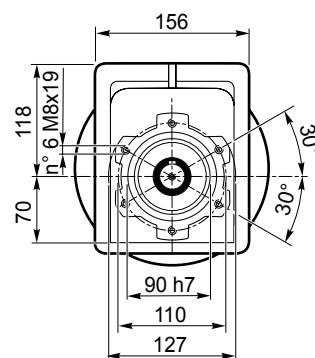
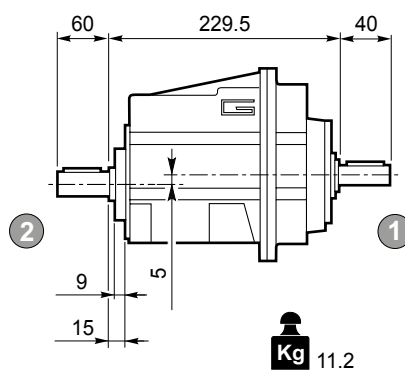
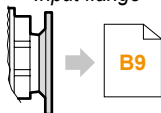


| Versione <b>H</b> / <b>H</b> Version |    |            |     |    |     |    |     |     |              |                       | Combinazioni possibili H/F<br>Possible combinations H/F |      |      |      |
|--------------------------------------|----|------------|-----|----|-----|----|-----|-----|--------------|-----------------------|---------------------------------------------------------|------|------|------|
| CMG<br>CMGIS                         | P  | Q          | R   | S  | U   | V  | X   | Z   | Piede / Foot |                       |                                                         |      |      |      |
|                                      |    |            |     |    |     |    |     |     | Tipo<br>Type | Peso / Weight<br>[kg] | F120                                                    | F140 | F160 | F200 |
| 022<br>023                           | 20 | 85         | 108 | 9  | 115 | 12 | 65  | 139 | H65          | 0.7                   | ●                                                       | ●    |      |      |
|                                      | 18 | 80         | 118 | 9  | 110 | 12 | 75  | 140 | H75          | 1.0                   | ●                                                       | ●    | ●    |      |
|                                      | 25 | 85         | 120 | 9  | 120 | 12 | 80  | 140 | H80          | 1.1                   | ●                                                       | ●    | ●    |      |
|                                      | 18 | 50 - 87    | 118 | 9  | 110 | 12 | 85  | 130 | H85          | 1.2                   | ●                                                       | ●    | ●    |      |
|                                      | 25 | 130        | 154 | 9  | 110 | 12 | 90  | 135 | H90          | 1.5                   | ●                                                       | ●    | ●    | ●    |
|                                      | 18 | 60 - 107.5 | 135 | 11 | 130 | 12 | 100 | 155 | H100         | 1.7                   | ●                                                       | ●    | ●    | ●    |

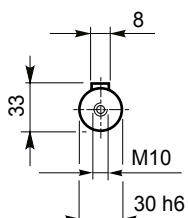
Preferenziale / Preferred

• Combinazioni possibili H/F / Possible combinations H/F

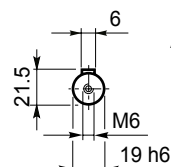
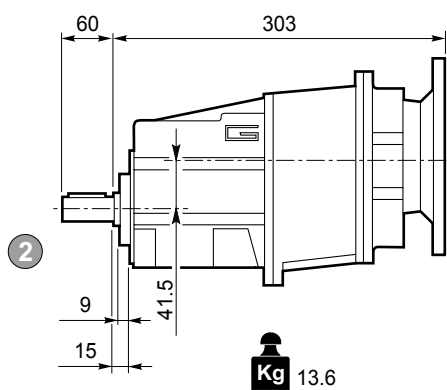
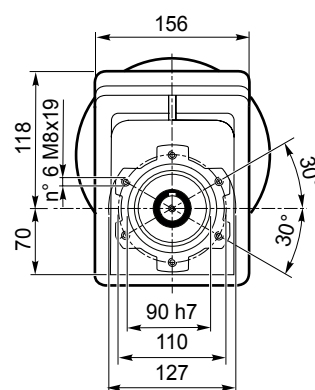
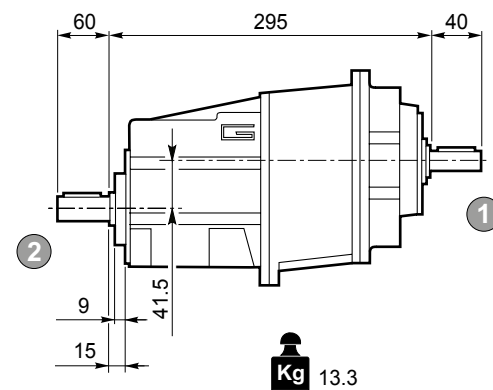
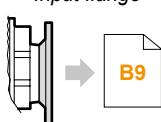
| Versione F / F Version |     |    |     |     |         |    |     |                  |                       |
|------------------------|-----|----|-----|-----|---------|----|-----|------------------|-----------------------|
| CMG<br>CMGIS           | H   | K  | L   | M   | N<br>f7 | O  | P   | Flangia / Flange |                       |
|                        |     |    |     |     |         |    |     | Tipo / Type      | Peso / Weight<br>[kg] |
|                        |     |    |     |     |         |    |     |                  |                       |
| 022<br>023             | 3   | 9  | 120 | 100 | 80      | 9  | 106 | F120             | 0.5                   |
|                        | 3.5 | 9  | 140 | 115 | 95      | 9  | 115 | F140             | 0.8                   |
|                        | 3.5 | 9  | 160 | 130 | 110     | 9  | 126 | F160             | 1.1                   |
|                        | 3.5 | 11 | 200 | 165 | 130     | 11 | 165 | F200             | 1.8                   |

**CMG****Motoriduttori ad ingranaggi cilindrici**  
**Helical in-line gearmotors****Dimensioni****Dimensions****CMG 032 U - CMG 033 U****CMG 032 U****CMGIS 032 U**Flangia entrata  
Input flangeAlbero uscita  
Output shaft

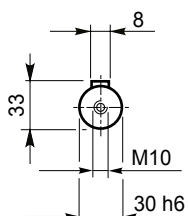
2

Albero entrata  
Input shaft

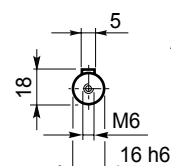
1

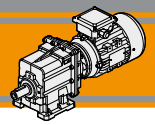
**CMG 033 U****CMGIS 033 U**Flangia entrata  
Input flangeAlbero uscita  
Output shaft

2

Albero entrata  
Input shaft

1





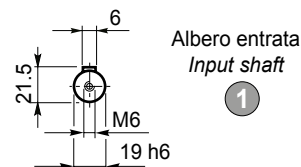
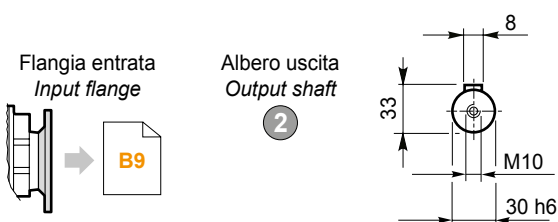
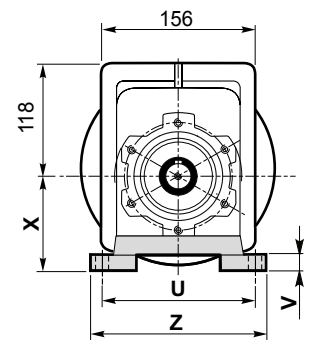
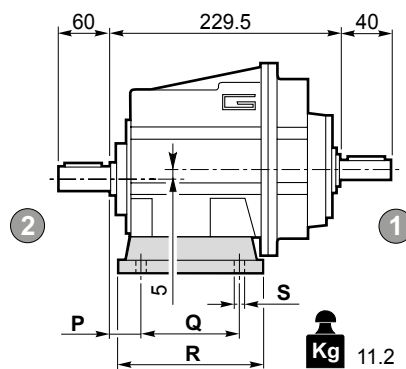
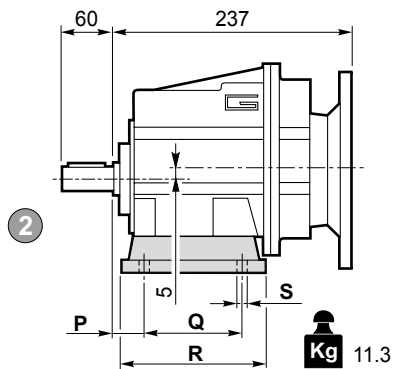
Dimensioni

Dimensions

CMG 032 H.. - CMG 033 H..

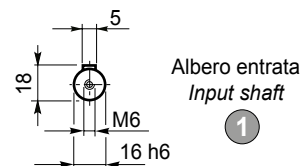
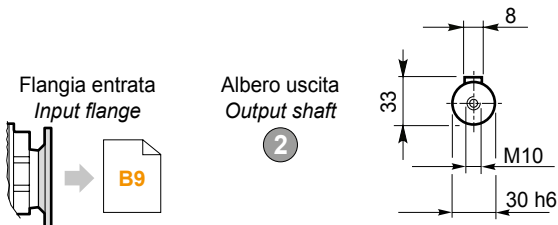
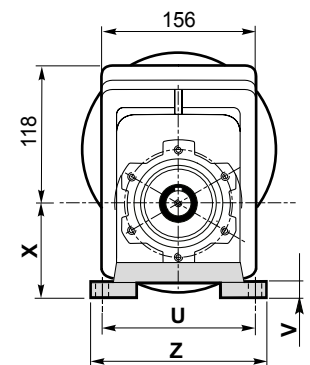
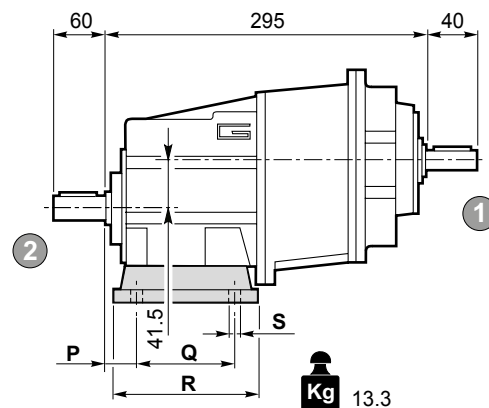
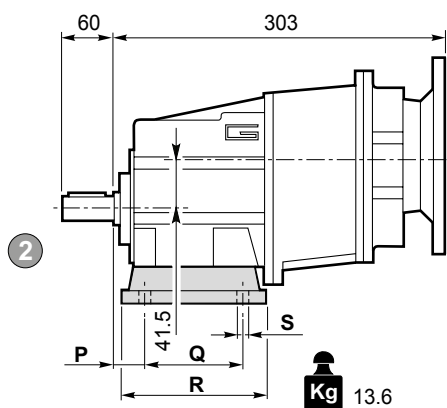
CMG 032 H..

CMGIS 032 H..



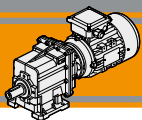
CMG 033 H..

CMGIS 033 H..



| Versione H / H Version |      |       |     |    |     |    |     |     |              |                    |
|------------------------|------|-------|-----|----|-----|----|-----|-----|--------------|--------------------|
| CMG<br>CMGIS           | P    | Q     | R   | S  | U   | V  | X   | Z   | Piede / Foot |                    |
|                        |      |       |     |    |     |    |     |     | Tipo / Type  | Peso / Weight [kg] |
| 032<br>033             | 30   | 105   | 136 | 14 | 160 | 14 | 95  | 194 | H95          | 1.5                |
|                        | 30   | 100   | 150 | 11 | 150 | 14 | 110 | 185 | H110         | 1.9                |
|                        | 18   | 70    |     |    | 160 |    |     |     |              |                    |
|                        | 30   | 165   | 195 | 14 | 135 | 14 | 115 | 170 | H115         | 2.2                |
|                        | 35   | 110   | 160 | 14 | 170 | 14 | 120 | 210 | H120         | 2.6                |
|                        | 19.5 | 149.5 | 184 | 14 | 180 | 18 | 130 | 214 | H130         | 2.9                |

Preferenziale / Preferred

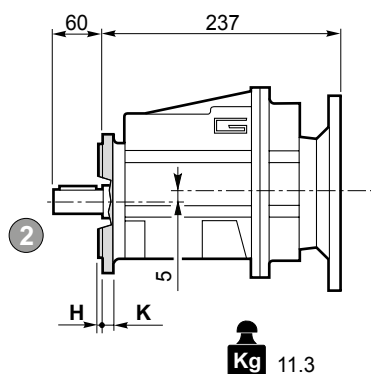

**CMG**

Motoriduttori ad ingranaggi cilindrici  
Helical in-line gearmotors

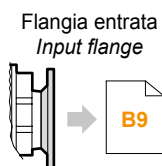
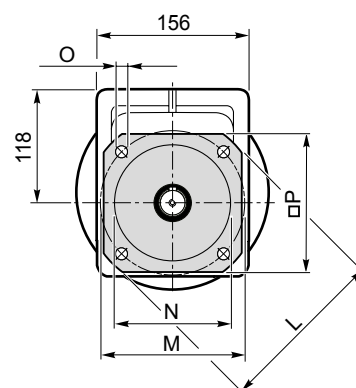
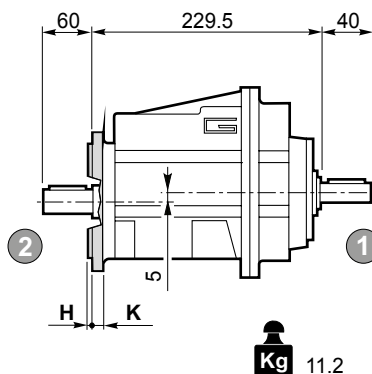
**Dimensioni**
**Dimensions**

## CMG 032 F.. - CMG 033 F..

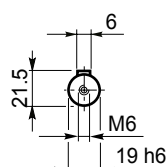
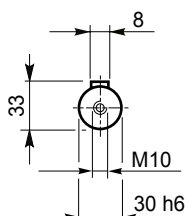
### CMG 032 F..



### CMGIS 032 F..

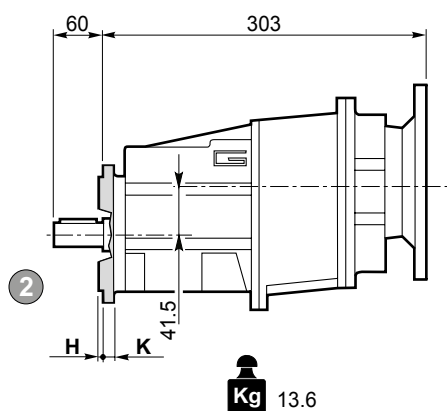


Albero uscita  
Output shaft  
2

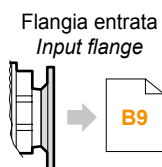
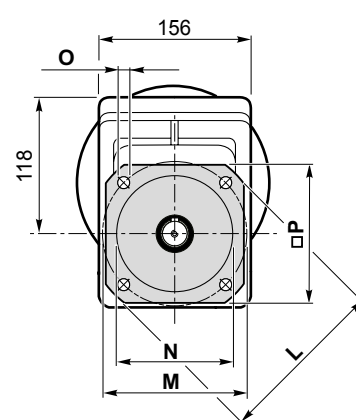
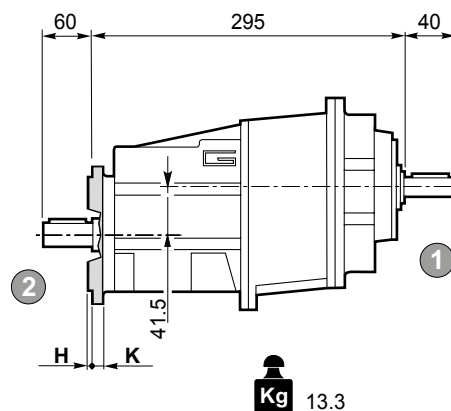


Albero entrata  
Input shaft  
1

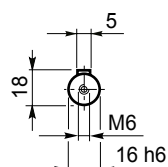
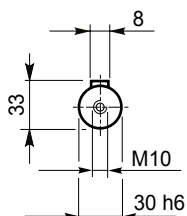
### CMG 033 F..



### CMGIS 033 F..



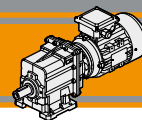
Albero uscita  
Output shaft  
2



Albero entrata  
Input shaft  
1

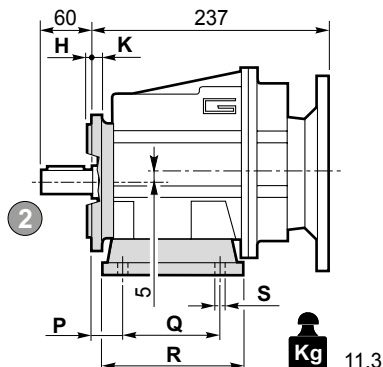
Versione F / F Version

| CMG<br>CMGIS | H   | K  | L   | M   | N<br>f7 | O  | P   | Flangia / Flange |                       |
|--------------|-----|----|-----|-----|---------|----|-----|------------------|-----------------------|
|              |     |    |     |     |         |    |     | Tipo / Type      | Peso / Weight<br>[kg] |
| 032<br>033   | 3.5 | 11 | 160 | 130 | 110     | 9  | 140 | F160             | 1.0                   |
|              | 3.5 | 11 | 200 | 165 | 130     | 11 | 165 | F200             | 1.8                   |
|              | 4   | 13 | 250 | 215 | 180     | 14 | 215 | F250             | 2.9                   |

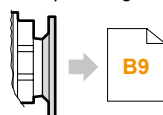


CMG 032 H../F.. - CMG 033 H../F..

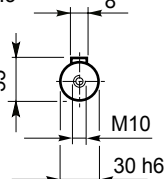
CMG 032 H../F..



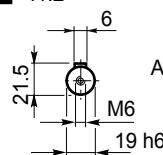
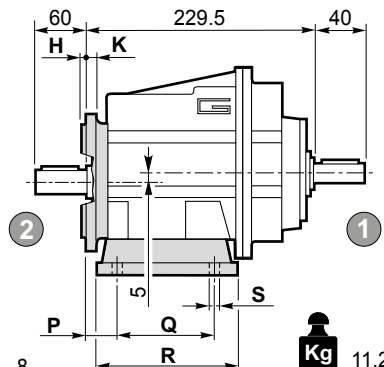
Flangia entrata  
Input flange



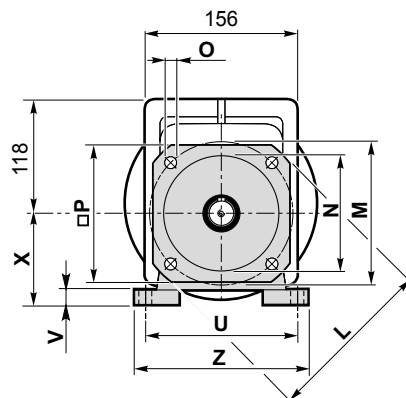
Albero uscita  
Output shaft



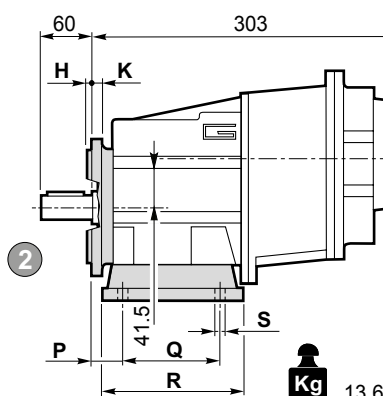
CMGIS 032 H../F..



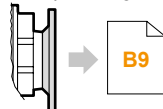
Albero entrata  
Input shaft



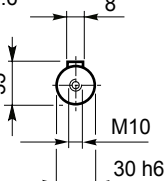
CMG 033 H../F..



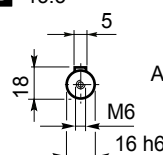
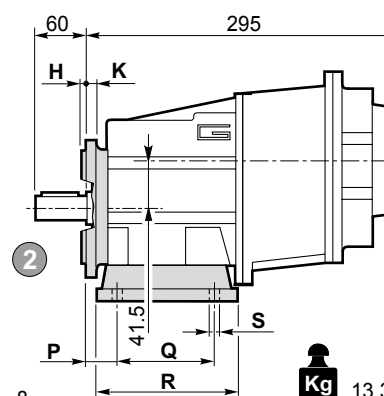
Flangia entrata  
Input flange



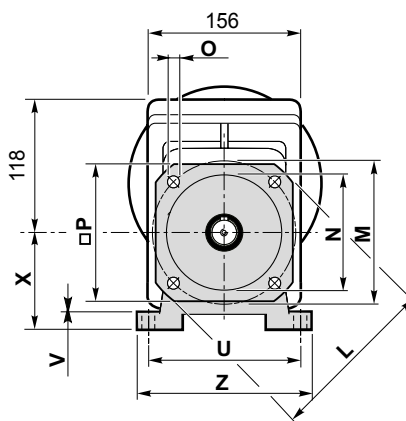
Albero uscita  
Output shaft



CMGIS 033 H../F..



Albero entrata  
Input shaft

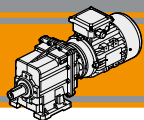


| Versione <b>H</b> / <i>H</i> Version |      |       |     |    |     |    |     |     |                     | Combinazioni possibili H/F<br><i>Possible combinations H/F</i> |      |      |      |
|--------------------------------------|------|-------|-----|----|-----|----|-----|-----|---------------------|----------------------------------------------------------------|------|------|------|
| CMG<br>CMGIS                         | P    | Q     | R   | S  | U   | V  | X   | Z   | Piede / <i>Foot</i> |                                                                |      |      |      |
|                                      |      |       |     |    |     |    |     |     | Tipo<br><i>Type</i> | Peso / <i>Weight</i><br>[kg]                                   | F160 | F200 | F250 |
| 032<br>033                           | 30   | 105   | 136 | 14 | 160 | 14 | 95  | 194 | H95                 | 1.5                                                            | ●    | ●    |      |
|                                      | 30   | 100   | 150 | 11 | 150 | 14 | 110 | 185 | H110                | 1.9                                                            | ●    | ●    |      |
|                                      | 18   | 70    |     |    | 160 |    |     |     |                     |                                                                |      |      |      |
|                                      | 30   | 165   | 195 | 14 | 135 | 14 | 115 | 170 | H115                | 2.2                                                            | ●    | ●    | ●    |
|                                      | 35   | 110   | 160 | 14 | 170 | 14 | 120 | 210 | H120                | 2.6                                                            | ●    | ●    | ●    |
|                                      | 19.5 | 149.5 | 184 | 14 | 180 | 18 | 130 | 214 | H130                | 2.9                                                            | ●    | ●    | ●    |

Preferenziale / Preferred

• Combinazioni possibili H/F / Possible combinations H/F

| Versione F / F Version |     |    |     |     |         |    |     |  |  | Flangia / Flange |                    |
|------------------------|-----|----|-----|-----|---------|----|-----|--|--|------------------|--------------------|
| CMG<br>CMGIS           | H   | K  | L   | M   | N<br>f7 | O  | P   |  |  | Tipo / Type      | Peso / Weight [kg] |
|                        |     |    |     |     |         |    |     |  |  |                  |                    |
| 032<br>033             | 3.5 | 11 | 160 | 130 | 110     | 9  | 140 |  |  | F160             | 1.0                |
|                        | 3.5 | 11 | 200 | 165 | 130     | 11 | 165 |  |  | F200             | 1.8                |
|                        | 4   | 13 | 250 | 215 | 180     | 14 | 215 |  |  | F250             | 2.9                |



**CMG**

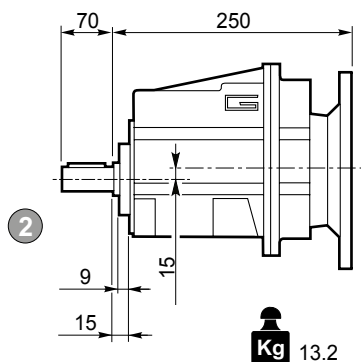
Motoriduttori ad ingranaggi cilindrici  
Helical in-line gearmotors

Dimensioni

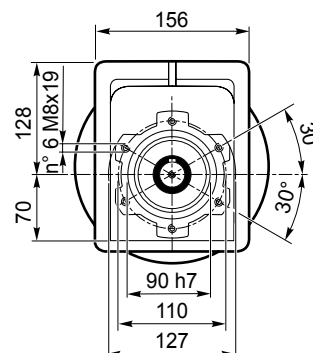
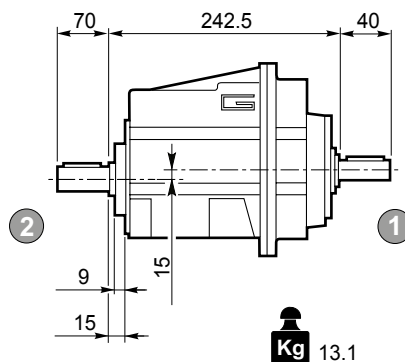
Dimensions

## CMG 042 U - CMG 043 U

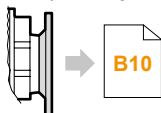
### CMG 042 U



### CMGIS 042 U

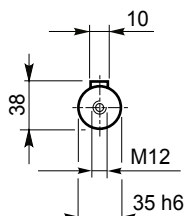


Flangia entrata  
Input flange



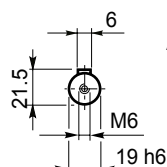
Albero uscita  
Output shaft

2

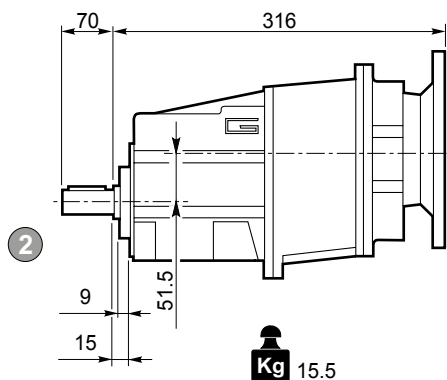


Albero entrata  
Input shaft

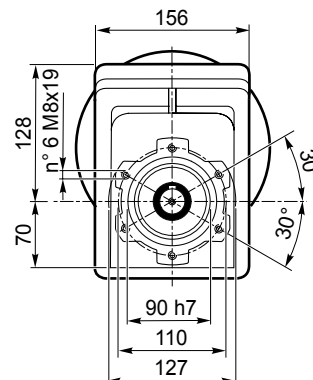
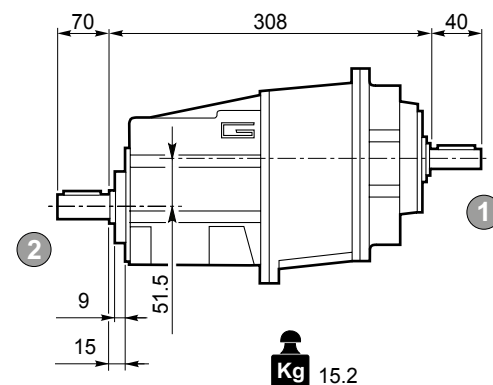
1



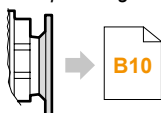
### CMG 043 U



### CMGIS 043 U

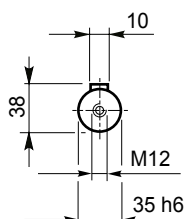


Flangia entrata  
Input flange



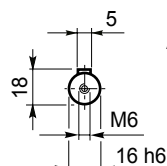
Albero uscita  
Output shaft

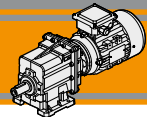
2



Albero entrata  
Input shaft

1



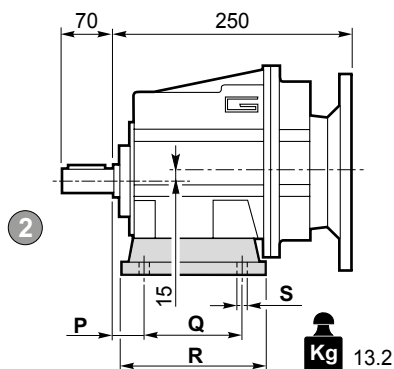


Dimensioni

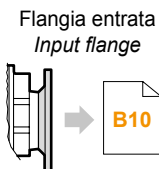
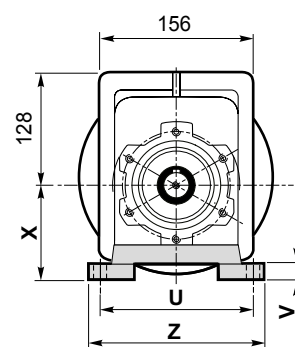
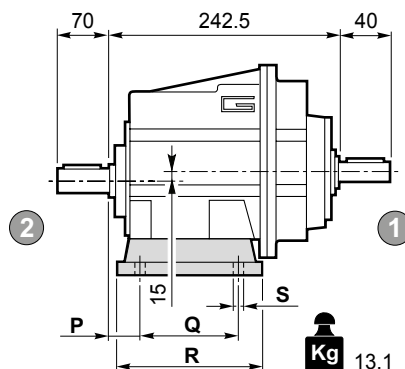
Dimensions

CMG 042 H.. - CMG 043 H..

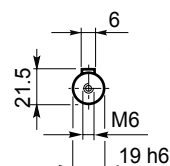
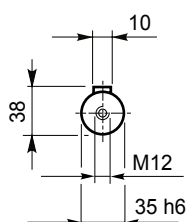
CMG 042 H..



CMGIS 042 H..

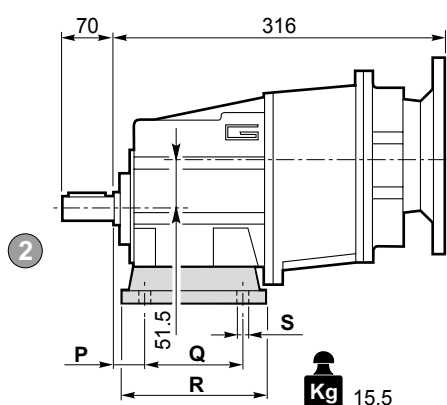


Albero uscita  
Output shaft

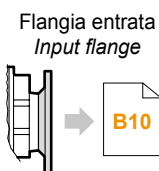
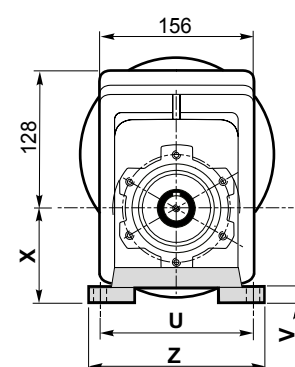
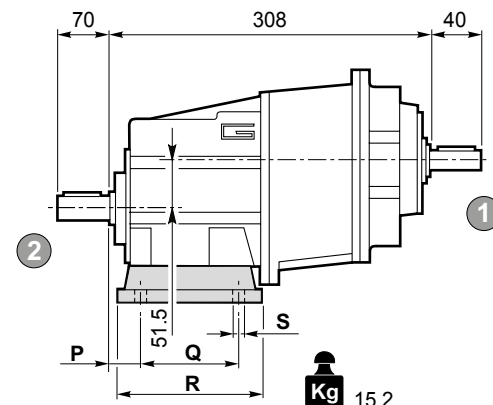


Albero entrata  
Input shaft

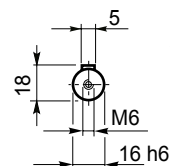
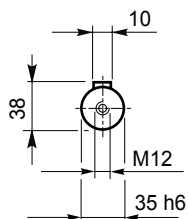
CMG 043 H..



CMGIS 043 H..



Albero uscita  
Output shaft

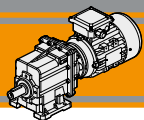


Albero entrata  
Input shaft

Versione H / H Version

| CMG<br>CMGIS | P    | Q     | R   | S  | U   | V  | X   | Z   | Piede / Foot |                    |
|--------------|------|-------|-----|----|-----|----|-----|-----|--------------|--------------------|
|              |      |       |     |    |     |    |     |     | Tipo / Type  | Peso / Weight [kg] |
| 042<br>043   | 30   | 105   | 136 | 14 | 160 | 14 | 95  | 194 | H95          | 1.5                |
|              | 30   | 100   | 150 | 11 | 150 | 14 | 110 | 185 | H110         | 1.9                |
|              | 18   | 70    |     |    | 160 |    |     |     |              |                    |
|              | 30   | 165   | 195 | 14 | 135 | 14 | 115 | 170 | H115         | 2.2                |
|              | 35   | 110   | 160 | 14 | 170 | 14 | 120 | 210 | H120         | 2.6                |
|              | 19.5 | 149.5 | 184 | 14 | 180 | 18 | 130 | 214 | H130         | 2.9                |

Preferenziale / Preferred



**CMG**

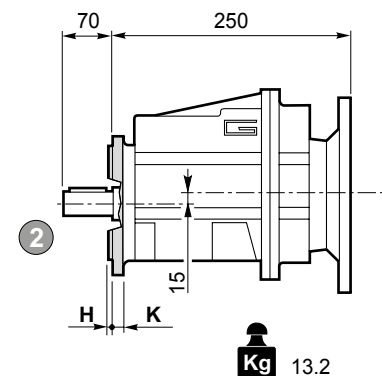
Motoriduttori ad ingranaggi cilindrici  
Helical in-line gearmotors

Dimensioni

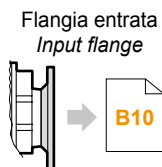
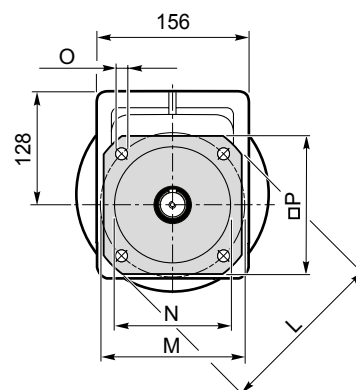
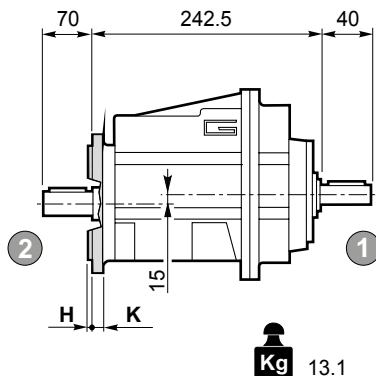
Dimensions

**CMG 042 F.. - CMG 043 F..**

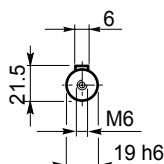
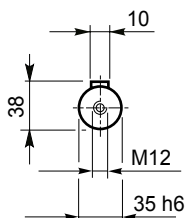
**CMG 042 F..**



**CMGIS 042 F..**

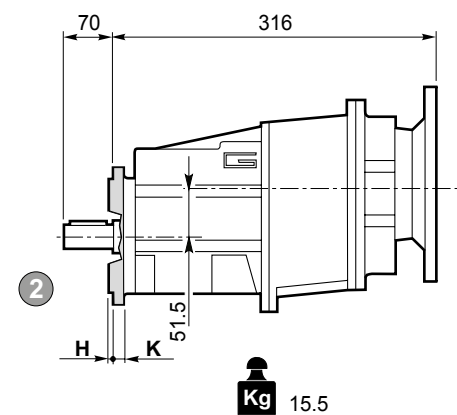


Albero uscita  
Output shaft  
2

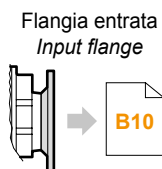
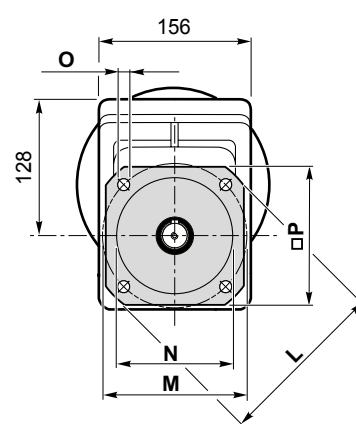
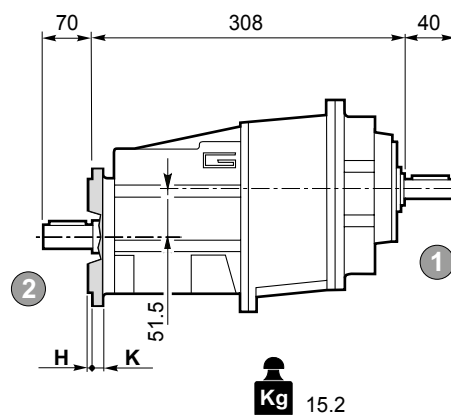


Albero entrata  
Input shaft  
1

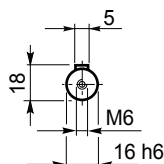
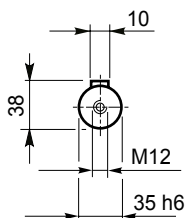
**CMG 043 F..**



**CMGIS 043 F..**



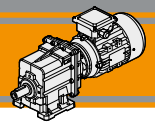
Albero uscita  
Output shaft  
2



Albero entrata  
Input shaft  
1

Versione F / F Version

| CMG<br>CMGIS | H   | K  | L   | M   | N<br>f7 | O  | P   | Flangia / Flange |                       |
|--------------|-----|----|-----|-----|---------|----|-----|------------------|-----------------------|
|              |     |    |     |     |         |    |     | Tipo / Type      | Peso / Weight<br>[kg] |
| 042<br>043   | 3.5 | 11 | 160 | 130 | 110     | 9  | 140 | F160             | 1.0                   |
|              | 3.5 | 11 | 200 | 165 | 130     | 11 | 165 | F200             | 1.8                   |
|              | 4   | 13 | 250 | 215 | 180     | 14 | 215 | F250             | 2.9                   |



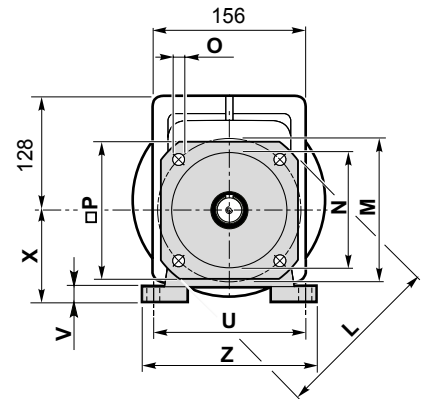
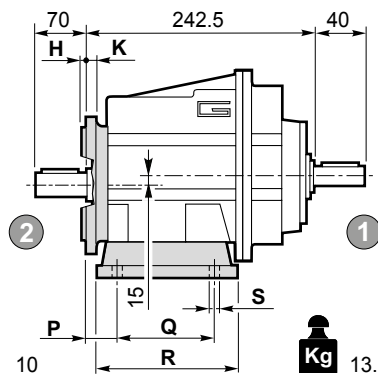
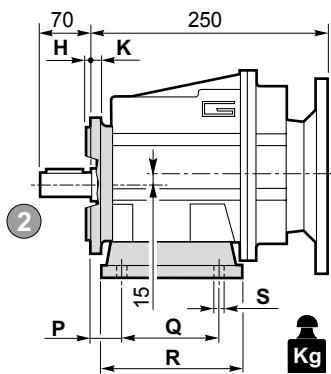
Dimensioni

Dimensions

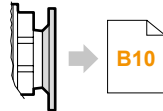
CMG 042 H../F.. - CMG 043 H../F..

CMG 042 H../F..

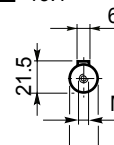
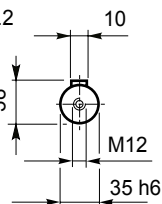
CMGIS 042 H../F..



Flangia entrata  
Input flange



Albero uscita  
Output shaft

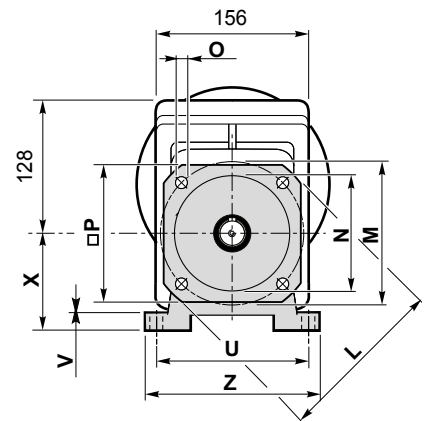
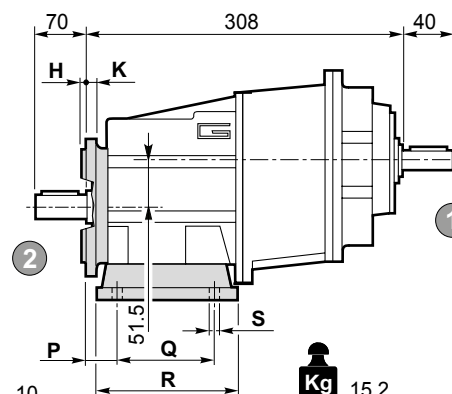
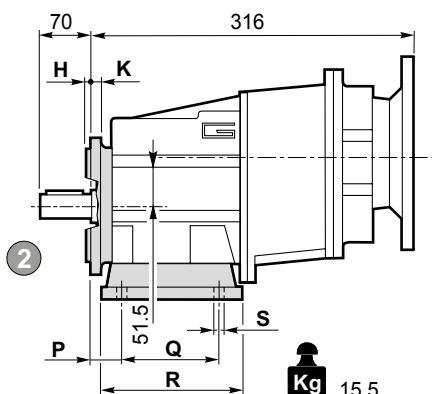


Albero entrata  
Input shaft

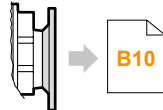


CMG 043 H../F..

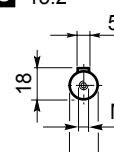
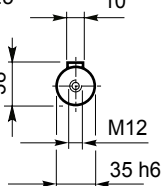
CMGIS 043 H../F..



Flangia entrata  
Input flange



Albero uscita  
Output shaft



Albero entrata  
Input shaft



| Versione <b>H</b> / <b>H</b> Version |      |       |     |    |     |    |     |     |                     | Combinazioni possibili H/F<br><i>Possible combinations H/F</i> |      |      |      |
|--------------------------------------|------|-------|-----|----|-----|----|-----|-----|---------------------|----------------------------------------------------------------|------|------|------|
| CMG<br>CMGIS                         | P    | Q     | R   | S  | U   | V  | X   | Z   | Piede / Foot        |                                                                |      |      |      |
|                                      |      |       |     |    |     |    |     |     | Tipo<br><i>Type</i> | Peso / <i>Weight</i><br>[kg]                                   | F160 | F200 | F250 |
| 042<br>043                           | 30   | 105   | 136 | 14 | 160 | 14 | 95  | 194 | H95                 | 1.5                                                            | ●    | ●    |      |
|                                      | 30   | 100   | 150 | 11 | 150 | 14 | 110 | 185 | H110                | 1.9                                                            | ●    | ●    |      |
|                                      | 18   | 70    |     |    | 160 |    |     |     |                     |                                                                |      |      |      |
|                                      | 30   | 165   | 195 | 14 | 135 | 14 | 115 | 170 | H115                | 2.2                                                            | ●    | ●    | ●    |
|                                      | 35   | 110   | 160 | 14 | 170 | 14 | 120 | 210 | H120                | 2.6                                                            | ●    | ●    | ●    |
|                                      | 19.5 | 149.5 | 184 | 14 | 180 | 18 | 130 | 214 | H130                | 2.9                                                            | ●    | ●    | ●    |

Preferenziale / Preferred

• Combinazioni possibili H/F / Possible combinations H/F

| Versione F / F Version |     |    |     |     |         |    |     |  |  | Flangia / Flange |                       |
|------------------------|-----|----|-----|-----|---------|----|-----|--|--|------------------|-----------------------|
| CMG<br>CMGIS           | H   | K  | L   | M   | N<br>f7 | O  | P   |  |  | Tipo / Type      | Peso / Weight<br>[kg] |
|                        |     |    |     |     |         |    |     |  |  |                  |                       |
| 042<br>043             | 3.5 | 11 | 160 | 130 | 110     | 9  | 140 |  |  | F160             | 1.0                   |
|                        | 3.5 | 11 | 200 | 165 | 130     | 11 | 165 |  |  | F200             | 1.8                   |
|                        | 4   | 13 | 250 | 215 | 180     | 14 | 215 |  |  | F250             | 2.9                   |