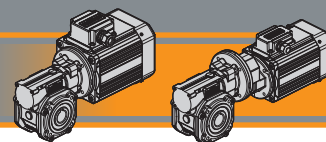




## Motoriduttori a vite senza fine Wormgearmotors



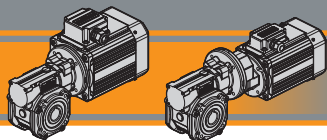




| <b>Indice</b>            | <b>Index</b>                 | Pag.<br>Page |
|--------------------------|------------------------------|--------------|
| Caratteristiche tecniche | <i>Technical features</i>    | <b>H2</b>    |
| Designazione             | <i>Classification</i>        | <b>H2</b>    |
| Sensi di rotazione       | <i>Direction of rotation</i> | <b>H4</b>    |
| Simbologia               | <i>Symbols</i>               | <b>H4</b>    |
| Lubrificazione           | <i>Lubrication</i>           | <b>H4</b>    |
| Carichi radiali          | <i>Radial loads</i>          | <b>H5</b>    |
| Dati di dentatura        | <i>Toothing data</i>         | <b>H6</b>    |
| Rendimento               | <i>Efficiency</i>            | <b>H6</b>    |
| Dati tecnici             | <i>Technical data</i>        | <b>H7</b>    |
| Motori applicabili       | <i>IEC Motor adapters</i>    | <b>H14</b>   |
| Dimensioni               | <i>Dimensions</i>            | <b>H16</b>   |
| Accessori                | <i>Accessories</i>           | <b>H28</b>   |
| Opzioni                  | <i>Options</i>               | <b>H28</b>   |

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# CL / CLP

## Motoriduttori a vite senza fine Wormgearmotors

### Caratteristiche tecniche

### Technical features

L'elevata modularità contraddistingue i motoriduttori a vite senza fine della serie CL e CLP: i diversi kit entrata ed uscita li rendono estremamente versatili.

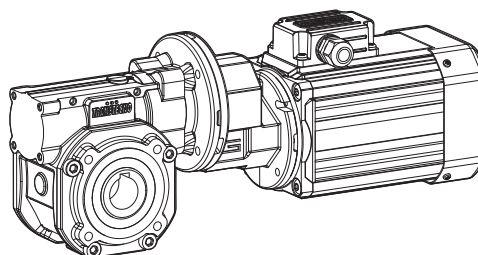
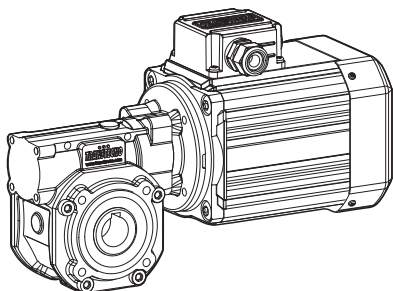
The high degree of modularity is a design feature of CL and CLP wormgearmotors range thanks to a wide selection of input and output kits.

Le caratteristiche principali della serie CL e CLP sono:

Main features of CL and CLP range are:

- Carcassa in alluminio nelle grandezze 026, 030, 040, 050, 063 e 070;
- Le precoppie sono costruite con carcassa in alluminio;

- Die-cast aluminium housing on sizes 026, 030, 040, 050, 063 and 070;
- Die-cast aluminium housing on pre-stage units;



### Designazione

### Classification

### RIDUTTORI A VITE SENZA FINE / WORMGEARBOXES

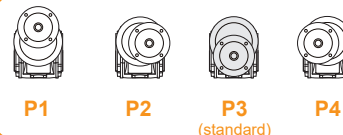
070RIDUTTORE / GEARBOX

| CL              | 030  | U                                     | 10                               | 63                               | B14                          | SZDX                                    | BRSX                                | 90  | VS                 |
|-----------------|--|---------------------------------------|----------------------------------|----------------------------------|------------------------------|---|-------------------------------------|---|--------------------|
| Tipo<br>Type    | Grandezza<br>Size  | Versione riduttore<br>Gearbox Version | Rapporto<br>Ratio                | IEC<br>                          | Forma costruttiva<br>Version | Albero di uscita<br>Output shaft        | Braccio di reazione<br>Torque arm   | Angolo<br>Angle                                       | Opzioni<br>Options |
| <b>CL</b><br>   | <b>026</b><br><b>026 (D11)</b><br><b>026 (D14)</b><br><b>030</b><br><b>040</b><br><b>050</b><br><b>063</b><br><b>070</b> | <b>U</b><br><b>F...</b>               | Vedere tabella<br><br>See tables | <b>56..</b><br>—<br><b>112..</b> | <b>B5</b><br><b>B14</b>      | <b>SZDX</b><br><b>SZSX</b><br><b>DZ</b> | <b>BRDX</b><br><b>BRSX</b><br><br>* | <b>0°</b><br><b>90°</b><br><b>180°</b><br><b>270°</b> | <b>VS</b>          |
| <b>CLIS</b><br> |  |                                       |                                  |                                  |                              |   |                                     |   |                    |

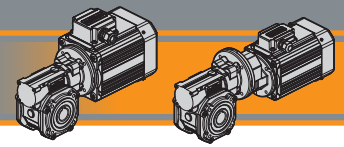
### RIDUTTORI A VITE SENZA FINE CON PRECOPPIA / PRE-STAGE WORMGEARBOXES

RIDUTTORE / GEARBOX

| CLP            | 063/050  | U                                     | 90                               | 63                              | B14                          | SZDX                                    | BRSX                                | 90  | P4  | M1   | VS                 |
|----------------|--|---------------------------------------|----------------------------------|---------------------------------|------------------------------|---|-------------------------------------|---|---|--|--------------------|
| Tipo<br>Type   | Grandezza<br>Size  | Versione Riduttore<br>Gearbox Version | Rapporto<br>Ratio                | IEC<br>                         | Forma costruttiva<br>Version | Albero di uscita<br>Output shaft        | Braccio di reazione<br>Torque arm   | Angolo<br>Angle                                       | Pos. di montaggio precoppia<br>Pre stage mounting position  | Pos. di montaggio<br>Mounting position   | Opzioni<br>Options |
| <b>CLP</b><br> | <b>056/030</b><br><b>056/040</b><br><b>063/040</b><br><b>063/050</b><br><b>063/063</b><br><b>071/050</b><br><b>071/063</b><br><b>071/070</b><br><b>080/063</b><br><b>080/070</b><br><b>090/070</b> | <b>U</b><br><b>F...</b>               | Vedere tabella<br><br>See tables | <b>56..</b><br>—<br><b>90..</b> | <b>B5</b><br><b>B14</b>      | <b>SZDX</b><br><b>SZSX</b><br><b>DZ</b> | <b>BRDX</b><br><b>BRSX</b><br><br>* | <b>0°</b><br><b>90°</b><br><b>180°</b><br><b>270°</b> | <b>P1</b><br><b>P2</b><br><b>P3 (standard)</b><br><b>P4</b> | <b>M1 (B3)</b><br><b>M2 (V6)</b><br><b>M3 (B8)</b><br><b>M4 (V5)</b><br><b>M6 (B6)</b><br><b>M5 (B7)</b> | <b>VS</b>          |

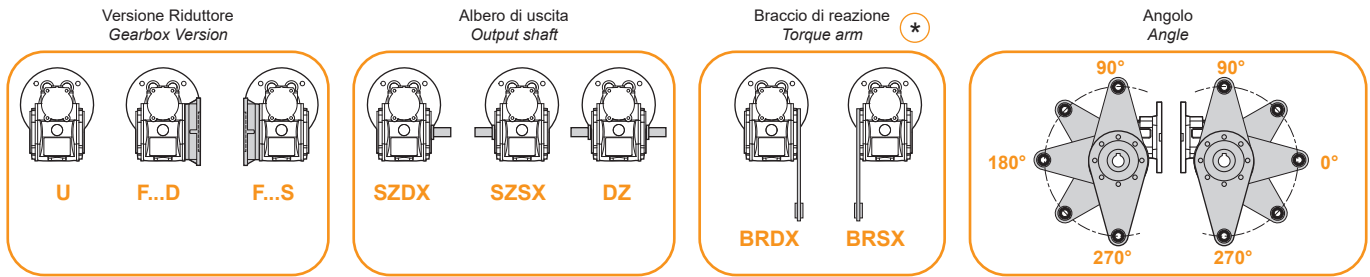






Designazione

Classification



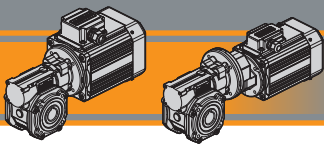
\* NOTA: il braccio di reazione viene fornito smontato.  
NOTE: the torque arm will be supplied not assembled.

| MOTORE TRIFASE / THREE PHASE MOTOR |                   |   |               |                          |                              |                       |                        |                             |                    |                                       |
|------------------------------------|-------------------|---|---------------|--------------------------|------------------------------|-----------------------|------------------------|-----------------------------|--------------------|---------------------------------------|
| SMT                                | 63                | 2                                       | 4             | 0.18 kW                  | B14                          | 230-400 V             | 50 Hz                  | TEFC                        | BR                 | T1                                    |
| Tipo<br>Type                       | Grandezza<br>Size | Indicativo potenza<br>Power coefficient | Poli<br>Poles | Potenza<br>Power         | Forma costruttiva<br>Version | Tensione<br>Voltage   | Frequenza<br>Frequency | Ventilazione<br>Fan cooling | Opzioni<br>Options | Pos. Morsettiera<br>Terminal box pos. |
| SMT                                |                   | 1-2-3-4-5                               | 4             | 0.04 kW<br>...<br>2.2 kW | B14                          | 230-400 V<br><br>460V | 50Hz<br><br>60Hz       | TEFC<br><br>TENV            |                    | T1 (Std)<br><br>T4 T2 T3              |

| MOTORE MONOFASE / SINGLE PHASE MOTOR |                   |   |               |                           |                              |                     |                        |                             |                    |                                       |
|--------------------------------------|-------------------|---|---------------|---------------------------|------------------------------|---------------------|------------------------|-----------------------------|--------------------|---------------------------------------|
| SMM                                  | 63                | 2                                       | 4             | 0.18 kW                   | B14                          | 230 V               | 50 Hz                  | TEFC                        | UL-CSA             | T1                                    |
| Tipo<br>Type                         | Grandezza<br>Size | Indicativo potenza<br>Power coefficient | Poli<br>Poles | Potenza<br>Power          | Forma costruttiva<br>Version | Tensione<br>Voltage | Frequenza<br>Frequency | Ventilazione<br>Fan cooling | Opzioni<br>Options | Pos. Morsettiera<br>Terminal box pos. |
| SMM                                  |                   | 1-2-3-4                                 | 4             | 0.04 kW<br>...<br>0.75 kW | B14                          | 230V                | 50Hz                   | TEFC<br><br>TENV            |                    | T1 (Std)<br><br>T4 T2 T3              |

| MOTORE TRIFASE / THREE PHASE MOTOR |                   |   |               |                          |                              |                |                        |                        |                                       |  |
|------------------------------------|-------------------|---|---------------|--------------------------|------------------------------|----------------|------------------------|------------------------|---------------------------------------|--|
| TS                                 | 63                | 2                                       | 4             | 0.18 kW                  | B5                           | 3 ph           | 230-400 V              | 50 Hz                  | T1                                    |  |
| Tipo<br>Type                       | Grandezza<br>Size | Indicativo potenza<br>Power coefficient | Poli<br>Poles | Potenza<br>Power         | Forma costruttiva<br>Version | Fasi<br>Phases | Tensione<br>Voltage    | Frequenza<br>Frequency | Pos. Morsettiera<br>Terminal box pos. |  |
| TS                                 |                   | 1-2-3-S<br>L1-L2                        | 4             | 0.09 kW<br>...<br>2.2 kW | B5<br>B14                    | 3 ph           | 230-400 V<br>275-480 V | 50Hz<br>60Hz           | T1 (Std)<br><br>T4 T2 T3              |  |

CL/CLP



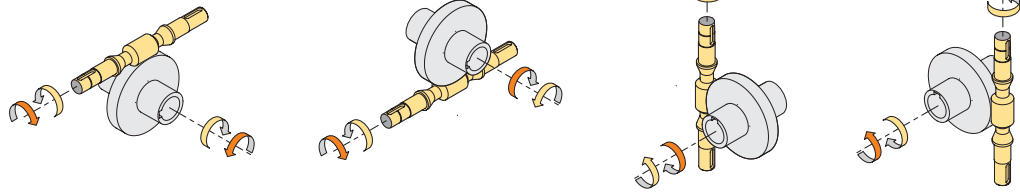
# CL / CLP

## Motoriduttori a vite senza fine Wormgearmotors

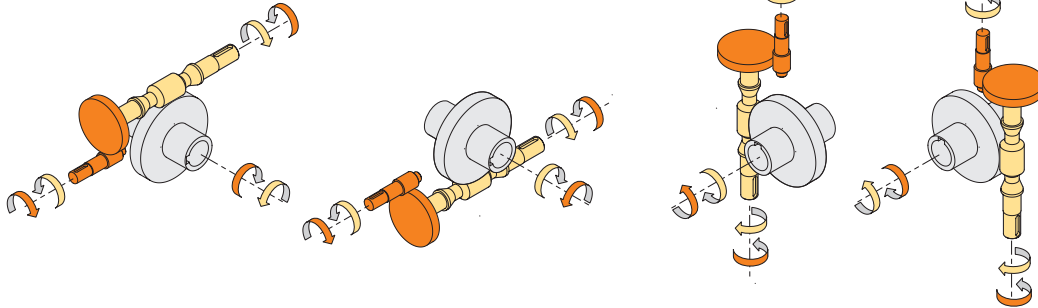
### Sensi di rotazione

### Direction of rotation

CL




CLP



### Simbologia

### Symbols

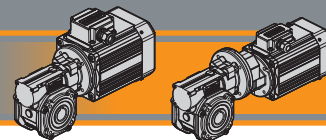
|  |                       |  |         |  |
|--|-----------------------|--|---------|--|
| $n_1$  | [ $\text{min}^{-1}$ ] | Velocità in ingresso / <i>Input speed</i>  | sf      | Fattore di servizio / <i>Service factor</i>                                    |
| $n_2$  | [ $\text{min}^{-1}$ ] | Velocità in uscita / <i>Output speed</i>   | Rd      | % Rendimento dinamico / <i>Dynamic efficiency</i>                              |
| i  |                       | Rapporto di riduzione / <i>Ratio</i>   | Rs      | % Rendimento statico / <i>Static efficiency</i>                                |
| $P_1$  | [kW]                  | Potenza in entrata / <i>Nominal input power</i>  | $R_2$   | [N] Carico radiale ammissibile in uscita / <i>Permitted output radial load</i> |
| $M_2$  | [Nm]                  | Coppia in uscita in funzione di $P_1$ / <i>Output torque referred to <math>P_1</math></i>                        | $A_2$   | [N] Carico assiale ammissibile in uscita / <i>Permitted output axial load</i>  |
| $P_{n1}$   | [kW]                  | Potenza nominale in entrata / <i>Nominal input power</i>   | Z       | Numero di principi della vite / <i>Worm starts</i>                             |
| $M_{n2}$   | [Nm]                  | Coppia nominale in uscita in funzione di $P_{n1}$ / <i>Nominal output torque referred to <math>P_{n1}</math></i> | $\beta$ | Angolo d'elica / <i>Helix angle</i>  |
|  [kg] |                       | Peso del solo riduttore / <i>Weight of the gearbox only</i>  |         |  |

### Lubrificazione

### Lubrication

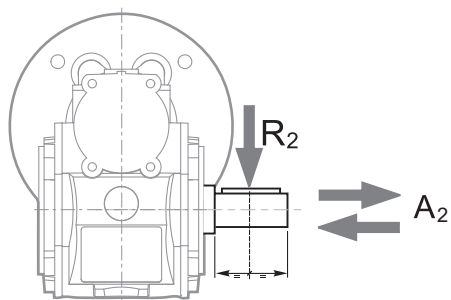
Tutti i motoriduttori sono forniti completi di lubrificante sintetico viscosità 320, pertanto possono essere installati in qualunque posizione di montaggio e non necessitano di manutenzione.

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



Carichi radiali

Radial loads

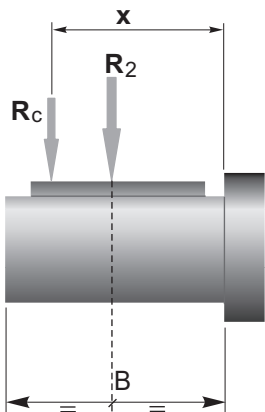


$$A_2 = R_2 \times 0.2$$

| n <sub>2</sub><br>[min <sup>-1</sup> ] | R <sub>2</sub> [N] |             |             |             |             |             |
|--|--------------------|-------------|-------------|-------------|-------------|-------------|
|  | CL026              | CL030       | CL040       | CL050       | CL063       | CL070       |
| 187                                    | 400                | 674         | 1264        | 1770        | 2445        | 2613        |
| 140                                    | 490                | 743         | 1392        | 1949        | 2692        | 2878        |
| 93                                     | 580                | 851         | 1596        | 2234        | 3085        | 3298        |
| 70                                     | 610                | 936         | 1754        | 2456        | 3392        | 3626        |
| 56                                     | 610                | 1008        | 1890        | 2646        | 3654        | 3906        |
| 47                                     | 610                | 1069        | 2004        | 2805        | 3874        | 4141        |
| 35                                     | 610                | 1179        | 2210        | 3095        | 4273        | 4568        |
| 28                                     | 610                | 1270        | 2381        | 3334        | 4603        | 4921        |
| 23                                     | 610                | 1356        | 2542        | 3559        | 4915        | 5254        |
| 18                                     | 610                | 1471        | 2759        | 3862        | 5334        | 5702        |
| 14                                     | 610                | 1600        | 3000        | 4200        | 5800        | 6200        |
|  |                    | CLP... /030 | CLP... /040 | CLP... /050 | CLP... /063 | CLP... /070 |

Quando il carico radiale risultante non è applicato sulla mezza-  
ria 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:



|                   | CL  | CL / CLP |      |      |      |      |
|-------------------|-----|----------|------|------|------|------|
|                   | 026 | 030      | 040  | 050  | 063  | 070  |
| a                 | 56  | 65       | 84   | 101  | 120  | 122  |
| b                 | 43  | 50       | 64   | 76   | 95   | 92   |
| R <sub>2MAX</sub> | 610 | 1600     | 3000 | 4200 | 5800 | 6200 |

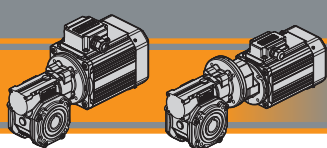
$$R_c = \frac{R_2 \cdot a}{(b + x)} \leq R_{2MAX}$$

$$R \leq R_c$$

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

Lunghezze alberi disponibili  
Output shafts length available





## Dati di dentatura

## Toothing data

|       | Dati della coppia vite-corona<br>Worm wheel data | Rapporto / Ratio |         |         |         |         |        |        |        |        |        |        |        |
|-------|--|------------------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|
|       |  | 5                | 7.5     | 10      | 15      | 20      | 25     | 30     | 40     | 50     | 60     | 80     | 100    |
| CL026 | Z  | 6                | 4       | 3       | 2       | 2       |        | 1      | 1      | 1      | 1      |        |        |
|       | $\beta$  | 34° 35'          | 24° 41' | 19° 1'  | 12° 57' | 10° 30' |        | 6° 33' | 5° 17' | 4° 26' | 3° 49' |        |        |
| CL030 | Z  | 6                | 4       | 3       | 2       | 2       | 2      | 1      | 1      | 1      | 1      | 1      | 1      |
|       | $\beta$  | 27° 4'           | 24° 28' | 18° 50' | 12° 49' | 10° 23' | 8° 43' | 6° 29' | 5° 14' | 4° 23' | 3° 46' | 2° 57' | 2° 25' |
| CL040 | Z  | 6                | 4       | 3       | 2       | 2       | 2      | 1      | 1      | 1      | 1      | 1      | 1      |
|       | $\beta$  | 34° 19'          | 24° 28' | 18° 50' | 12° 49' | 10° 23' | 8° 43' | 6° 29' | 5° 14' | 4° 23' | 3° 46' | 2° 57' | 2° 25' |
| CL050 | Z  | 6                | 4       | 3       | 2       | 2       | 2      | 1      | 1      | 1      | 1      | 1      | 1      |
|       | $\beta$  | 33° 37'          | 23° 54' | 18° 23' | 12° 29' | 10° 6'  | 8° 28' | 6° 19' | 5° 5'  | 4° 15' | 3° 39' | 2° 51' | 2° 20' |
| CL063 | Z  | 6                | 4       | 3       | 2       | 2       | 2      | 1      | 1      | 1      | 1      | 1      | 1      |
|       | $\beta$  | 34° 23'          | 24° 31' | 18° 53' | 12° 50' | 10° 24' | 8° 44' | 6° 30' | 5° 14' | 4° 23' | 3° 47' | 2° 57' | 2° 25' |
| CL070 | Z  |                  | 4       | 3       | 2       | 2       | 2      | 1      | 1      | 1      | 1      | 1      | 1      |
|       | $\beta$  |                  | 26° 12' | 20° 15' | 13° 49' | 11° 15' | 9° 29' | 7° 0'  | 5° 41' | 4° 46' | 4° 7'  | 3° 13' | 2° 39' |

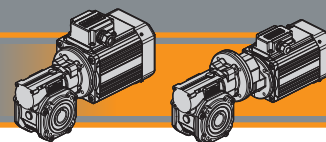
## Rendimento

## Efficiency

|       | $n_1$<br>[min <sup>-1</sup> ] | Rendimento<br>Efficiency | Rapporto / Ratio |     |    |    |    |    |    |    |    |    |    |     |
|-------|-------------------------------|--------------------------|------------------|-----|----|----|----|----|----|----|----|----|----|-----|
|       |                               |                          | 5                | 7.5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 80 | 100 |
| CL026 | 2800                          | Rd                       | 89               | 87  | 85 | 83 | 80 |    | 73 | 68 | 64 | 60 |    |     |
|       | 1400                          |                          | 87               | 84  | 83 | 78 | 74 |    | 66 | 61 | 57 | 53 |    |     |
|       | 900                           |                          | 84               | 83  | 80 | 75 | 71 |    | 61 | 57 | 52 | 48 |    |     |
|       |                               |                          | Rs               | 72  | 71 | 68 | 61 | 56 | 46 | 41 | 36 | 34 |    |     |
| CL030 | 2800                          | Rd                       | 89               | 88  | 86 | 84 | 81 | 78 | 74 | 70 | 65 | 62 | 57 | 52  |
|       | 1400                          |                          | 86               | 85  | 84 | 79 | 75 | 72 | 67 | 62 | 58 | 55 | 48 | 43  |
|       | 900                           |                          | 84               | 83  | 81 | 75 | 71 | 68 | 62 | 58 | 53 | 49 | 43 | 39  |
|       |                               |                          | Rs               | 72  | 67 | 63 | 55 | 50 | 43 | 39 | 35 | 31 | 27 | 23  |
| CL040 | 2800                          | Rd                       | 90               | 89  | 87 | 84 | 83 | 80 | 77 | 73 | 69 | 66 | 60 | 56  |
|       | 1400                          |                          | 88               | 86  | 84 | 81 | 78 | 74 | 70 | 65 | 60 | 58 | 52 | 46  |
|       | 900                           |                          | 86               | 84  | 82 | 77 | 74 | 70 | 66 | 60 | 57 | 53 | 46 | 41  |
|       |                               |                          | Rs               | 74  | 71 | 67 | 60 | 55 | 51 | 45 | 40 | 36 | 32 | 28  |
| CL050 | 2800                          | Rd                       | 91               | 90  | 88 | 86 | 84 | 82 | 78 | 74 | 71 | 68 | 62 | 58  |
|       | 1400                          |                          | 89               | 87  | 85 | 82 | 79 | 76 | 72 | 67 | 63 | 60 | 54 | 49  |
|       | 900                           |                          | 87               | 85  | 84 | 79 | 75 | 72 | 68 | 62 | 59 | 55 | 48 | 43  |
|       |                               |                          | Rs               | 73  | 70 | 66 | 59 | 55 | 51 | 44 | 39 | 35 | 32 | 27  |
| CL063 | 2800                          | Rd                       | 91               | 90  | 88 | 86 | 84 | 83 | 79 | 76 | 73 | 70 | 65 | 60  |
|       | 1400                          |                          | 90               | 88  | 86 | 84 | 81 | 78 | 75 | 70 | 66 | 63 | 57 | 52  |
|       | 900                           |                          | 89               | 86  | 84 | 81 | 78 | 75 | 70 | 65 | 61 | 58 | 52 | 47  |
|       |                               |                          | Rs               | 73  | 71 | 67 | 60 | 55 | 51 | 45 | 40 | 36 | 33 | 28  |
| CL070 | 2800                          | Rd                       |                  | 90  | 89 | 87 | 85 | 84 | 80 | 77 | 74 | 72 | 67 | 62  |
|       | 1400                          |                          |                  | 89  | 87 | 84 | 82 | 80 | 76 | 72 | 68 | 65 | 60 | 53  |
|       | 900                           |                          |                  | 87  | 85 | 82 | 79 | 77 | 72 | 67 | 63 | 60 | 54 | 49  |
|       |                               |                          | Rs               |     | 72 | 69 | 62 | 60 | 55 | 48 | 43 | 38 | 36 | 31  |




**Rendimento teorico del riduttore dopo il rodaggio**  
Theoretical efficiency of the gearbox after the first running period





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] | $i$ |
|---|-------------------------------|----------------|----------------|-----|
| <b>CLIS026</b>  |                               |                |                |     |
|   | 280                           | 13             | 0.44           | 5   |
|   | 187                           | 14             | 0.33           | 7,5 |
|   | 140                           | 14             | 0.25           | 10  |
|   | 93                            | 14             | 0.18           | 15  |
|   | 70                            | 14             | 0.14           | 20  |
|   | 47                            | 15             | 0.11           | 30  |
|   | 35                            | 14             | 0.08           | 40  |
|   | 28                            | 13             | 0.07           | 50  |
|   | 23                            | 12             | 0.06           | 60  |

|  | $n_2$<br>[min <sup>-1</sup> ] | $Mn_2$<br>[Nm] | $Pn_1$<br>[kW] | $i$ |
|---|-------------------------------|----------------|----------------|-----|
| <b>CLIS030</b>  |                               |                |                |     |
|   | 280                           | 18             | 0.61           | 5   |
|   | 187                           | 20             | 0.46           | 7.5 |
|   | 140                           | 21             | 0.37           | 10  |
|   | 93                            | 21             | 0.26           | 15  |
|   | 70                            | 19             | 0.19           | 20  |
|   | 56                            | 20             | 0.16           | 25  |
|   | 47                            | 22             | 0.16           | 30  |
|   | 35                            | 20             | 0.12           | 40  |
|   | 28                            | 19             | 0.10           | 50  |
|   | 23                            | 17             | 0.08           | 60  |
|   | 18                            | 15             | 0.06           | 80  |
|   | 14                            | 14             | 0.05           | 100 |

|  | $n_2$<br>[min <sup>-1</sup> ] | $Mn_2$<br>[Nm] | $Pn_1$<br>[kW] | $i$ |
|---|-------------------------------|----------------|----------------|-----|
| <b>CLIS040</b>  |                               |                |                |     |
|   | 280                           | 41             | 1.37           | 5   |
|   | 187                           | 44             | 1.00           | 7.5 |
|   | 140                           | 45             | 0.79           | 10  |
|   | 93                            | 45             | 0.54           | 15  |
|   | 70                            | 40             | 0.38           | 20  |
|   | 56                            | 38             | 0.30           | 25  |
|   | 47                            | 48             | 0.34           | 30  |
|   | 35                            | 42             | 0.24           | 40  |
|   | 28                            | 39             | 0.19           | 50  |
|   | 23                            | 36             | 0.15           | 60  |
|   | 18                            | 33             | 0.12           | 80  |
|   | 14                            | 31             | 0.10           | 100 |

|  | $n_2$<br>[min <sup>-1</sup> ] | $Mn_2$<br>[Nm] | $Pn_1$<br>[kW] | $i$ |
|---|-------------------------------|----------------|----------------|-----|
| <b>CLIS050</b>  |                               |                |                |     |
|   | 280                           | 75             | 2.5            | 5   |
|   | 187                           | 79             | 1.8            | 7.5 |
|   | 140                           | 82             | 1.4            | 10  |
|   | 93                            | 82             | 0.98           | 15  |
|   | 70                            | 72             | 0.67           | 20  |
|   | 56                            | 70             | 0.54           | 25  |
|   | 47                            | 88             | 0.60           | 30  |
|   | 35                            | 76             | 0.42           | 40  |
|   | 28                            | 72             | 0.34           | 50  |
|   | 23                            | 69             | 0.28           | 60  |
|   | 18                            | 60             | 0.20           | 80  |
|   | 14                            | 56             | 0.17           | 100 |

|  | $n_2$<br>[min <sup>-1</sup> ] | $Mn_2$<br>[Nm] | $Pn_1$<br>[kW] | $i$ |
|---|-------------------------------|----------------|----------------|-----|
| <b>CLIS063</b>  |                               |                |                |     |
|   | 280                           | 134            | 4.4            | 5   |
|   | 187                           | 144            | 3.2            | 7.5 |
|   | 140                           | 148            | 2.5            | 10  |
|   | 93                            | 154            | 1.8            | 15  |
|   | 70                            | 136            | 1.23           | 20  |
|   | 56                            | 135            | 1.0            | 25  |
|   | 47                            | 166            | 1.1            | 30  |
|   | 35                            | 142            | 0.74           | 40  |
|   | 28                            | 136            | 0.60           | 50  |
|   | 23                            | 126            | 0.49           | 60  |
|   | 18                            | 118            | 0.38           | 80  |
|   | 14                            | 116            | 0.33           | 100 |

|  | $n_2$<br>[min <sup>-1</sup> ] | $Mn_2$<br>[Nm] | $Pn_1$<br>[kW] | $i$ |
|---|-------------------------------|----------------|----------------|-----|
| <b>CLIS070</b>  |                               |                |                |     |
|   | 187                           | 200            | 4.4            | 7.5 |
|   | 140                           | 218            | 3.7            | 10  |
|   | 93                            | 221            | 2.6            | 15  |
|   | 70                            | 202            | 1.8            | 20  |
|   | 56                            | 180            | 1.3            | 25  |
|   | 47                            | 241            | 1.6            | 30  |
|   | 35                            | 210            | 1.1            | 40  |
|   | 28                            | 190            | 0.82           | 50  |
|   | 23                            | 181            | 0.68           | 60  |
|   | 18                            | 159            | 0.49           | 80  |
|   | 14                            | 154            | 0.43           | 100 |

Nota:

$Pn_1$  è la potenza meccanica.

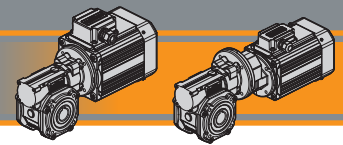
La potenza applicabile è ridotta del fattore termico.

Per maggiori dettagli consultare il nostro Servizio Tecnico.

Note:

$Pn_1$  is an input mechanical power which must be reduced by the heating factor in order to get the relevant one. For more details please contact our Technical Service.





Dati tecnici

Technical data

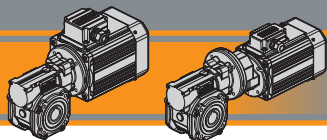
| $P_1$<br>[kW]                          | $n_2$<br>[min <sup>-1</sup> ] | $M_2$<br>[Nm] | sf   | i   |       |  |  | $P_1$<br>[kW] | $n_2$<br>[min <sup>-1</sup> ] | $M_2$<br>[Nm] | sf | i |  |  |  | $P_1$<br>[kW] | $n_2$<br>[min <sup>-1</sup> ] | $M_2$<br>[Nm] | sf | i |  |  |  | $P_1$<br>[kW] | $n_2$<br>[min <sup>-1</sup> ] | $M_2$<br>[Nm] | sf | i |  |  |  |
|--|-------------------------------|---------------|------|-----|-------|--|--|---------------|-------------------------------|---------------|----|---|--|--|--|---------------|-------------------------------|---------------|----|---|--|--|--|---------------|-------------------------------|---------------|----|---|--|--|--|
| <b>0.09 - IEC 56</b>                   |                               |               |      |     |       |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
| SMT5034                                | 23                            | 24            | 1.1  | 60  |       |  |  | CLP056/030    | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
| SMM5034                                | 19                            | 29            | 0.9  | 75  |       |  |  | CLP056/030    | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
| SMT5624                                | 16                            | 32            | 1.0  | 90  |       |  |  | CLP056/030    | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
| SMM5624<br>(1400 min <sup>-1</sup> )   | 12                            | 38            | 0.8  | 120 |       |  |  | CLP056/030    | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 35                            | 16            | 2.6  | 40  | CL040 |  |  |               | B5/B14                        |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 28                            | 18            | 2.1  | 50  | CL040 |  |  |               | B5/B14                        |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 23                            | 21            | 1.7  | 60  | CL040 |  |  |               | B5/B14                        |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
| TS5624-B14                             | 23                            | 25            | 2.3  | 60  |       |  |  | CLP056/040    | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
| TS5624-B5<br>(1400 min <sup>-1</sup> ) | 19                            | 30            | 1.7  | 75  |       |  |  | CLP056/040    | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 18                            | 26            | 1.3  | 80  | CL040 |  |  |               | B5/B14                        |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 16                            | 34            | 2.1  | 90  |       |  |  | CLP056/040    | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 14                            | 28            | 1.1  | 100 | CL040 |  |  |               | B5/B14                        |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 12                            | 42            | 1.5  | 120 |       |  |  | CLP056/040    | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 9.3                           | 48            | 1.2  | 150 |       |  |  | CLP056/040    | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 7.8                           | 53            | 1.0  | 180 |       |  |  | CLP056/040    | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 5.8                           | 62            | 0.8  | 240 |       |  |  | CLP056/040    | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
| <b>0.12 - IEC 56</b>                   |                               |               |      |     |       |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
| SMT5044                                | 280                           | 4             | 3.7  | 5   | CL026 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
| SMT5634                                | 187                           | 5             | 2.7  | 7.5 | CL026 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
| SMM5634<br>(1400 min <sup>-1</sup> )   | 140                           | 7             | 2.1  | 10  | CL026 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 93                            | 10            | 1.5  | 15  | CL026 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 70                            | 12            | 1.2  | 20  | CL026 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 47                            | 16            | 0.9  | 30  | CL026 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 280                           | 4             | 5.1  | 5   | CL030 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 187                           | 5             | 3.8  | 7.5 | CL030 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 140                           | 7             | 3.1  | 10  | CL030 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 93                            | 10            | 2.2  | 15  | CL030 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 70                            | 12            | 1.5  | 20  | CL030 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 56                            | 15            | 1.4  | 25  | CL030 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 47                            | 16            | 1.3  | 30  | CL030 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 35                            | 20            | 1.0  | 40  | CL030 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 28                            | 24            | 0.8  | 50  | CL030 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 280                           | 4             | 11.4 | 5   | CL040 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 187                           | 5             | 8.3  | 7.5 | CL040 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 140                           | 7             | 6.5  | 10  | CL040 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 93                            | 10            | 4.5  | 15  | CL040 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 70                            | 13            | 3.1  | 20  | CL040 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 56                            | 15            | 2.5  | 25  | CL040 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 47                            | 17            | 2.8  | 30  | CL040 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 35                            | 21            | 2.0  | 40  | CL040 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 28                            | 25            | 1.6  | 50  | CL040 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 23                            | 28            | 1.3  | 60  | CL040 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 23                            | 34            | 1.7  | 60  |       |  |  | CLP056/040    | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 19                            | 40            | 1.3  | 75  |       |  |  | CLP056/040    | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 18                            | 34            | 1.0  | 80  | CL040 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 280                           | 4             | 11.4 | 5   | CL040 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 187                           | 5             | 8.3  | 7.5 | CL040 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 140                           | 7             | 6.5  | 10  | CL040 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 93                            | 10            | 4.5  | 15  | CL040 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 70                            | 13            | 3.1  | 20  | CL040 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 56                            | 15            | 2.5  | 25  | CL040 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 47                            | 17            | 2.8  | 30  | CL040 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 35                            | 21            | 2.0  | 40  | CL040 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 28                            | 25            | 1.6  | 50  | CL040 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 23                            | 28            | 1.3  | 60  | CL040 |  |  |               | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 23                            | 34            | 1.7  | 60  |       |  |  | CLP063/050    | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 19                            | 40            | 1.3  | 75  |       |  |  | CLP063/050    | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 18                            | 35            | 1.7  | 80  | CL050 |  |  |               | B5/B14                        |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 16                            | 47            | 2.7  | 90  |       |  |  | CLP063/050    | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 14                            | 40            | 1.4  | 100 | CL050 |  |  |               | B5/B14                        |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 12                            | 57            | 1.9  | 120 |       |  |  | CLP063/050    | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 9.3                           | 66            | 1.6  | 150 |       |  |  | CLP063/050    | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 7.8                           | 74            | 1.3  | 180 |       |  |  | CLP063/050    | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 5.8                           | 85            | 1.0  | 240 |       |  |  | CLP063/050    | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 14                            | 43            | 2.7  | 100 | CL063 |  |  |               | B5                            |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 9.3                           | 69            | 2.8  | 150 |       |  |  | CLP063/063    | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 7.8                           | 77            | 2.3  | 180 |       |  |  | CLP063/063    | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 5.8                           | 90            | 1.7  | 240 |       |  |  | CLP063/063    | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |
|  | 4.7                           | 101           | 1.4  | 300 |       |  |  | CLP063/063    | B14                           |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |               |                               |               |    |   |  |  |  |

CL/CLP



| Motori<br>Motors | SMT          |              | SMM    |              | TS          |             |
|------------------|--------------|--------------|--------|--------------|-------------|-------------|
|                  | 5034<br>5044 | 5624<br>5634 | 5034   | 5624<br>5634 | 5624        | 6314        |
| IEC              | 56 B14       | 56 B14       | 56 B14 | 56 B14       | 56 B5 / B14 | 63 B5 / B14 |





# CL / CLP

# Motoriduttori a vite senza fine Wormgearmotors

## 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 |  |  |  |  |
|------------------------|--|------------------------|----|---|--|--|--|--|------------------------|--|------------------------|----|---|--|--|--|--|
|------------------------|--|------------------------|----|---|--|--|--|--|------------------------|--|------------------------|----|---|--|--|--|--|

### 0.18 - IEC 56

|                           |     |     |     |     |       |            |  |     |
|---------------------------|-----|-----|-----|-----|-------|------------|--|-----|
| SMT5644                   | 280 | 5.3 | 2.4 | 5   | CL026 |            |  | B14 |
| SMM5644                   | 187 | 7.7 | 1.8 | 7.5 | CL026 |            |  | B14 |
| (1400 min <sup>-1</sup> ) | 140 | 10  | 1.4 | 10  | CL026 |            |  | B14 |
|                           | 93  | 14  | 1.0 | 15  | CL026 |            |  | B14 |
|                           | 70  | 18  | 0.8 | 20  | CL026 |            |  | B14 |
|                           | 280 | 5   | 3.4 | 5   | CL030 |            |  | B14 |
|                           | 187 | 8   | 2.6 | 7.5 | CL030 |            |  | B14 |
|                           | 140 | 10  | 2.0 | 10  | CL030 |            |  | B14 |
|                           | 93  | 15  | 1.4 | 15  | CL030 |            |  | B14 |
|                           | 70  | 18  | 1.0 | 20  | CL030 |            |  | B14 |
|                           | 56  | 22  | 0.9 | 25  | CL030 |            |  | B14 |
|                           | 47  | 25  | 0.9 | 30  | CL030 |            |  | B14 |
|                           | 280 | 5   | 7.6 | 5   | CL040 |            |  | B14 |
|                           | 187 | 8   | 5.6 | 7.5 | CL040 |            |  | B14 |
|                           | 140 | 10  | 4.4 | 10  | CL040 |            |  | B14 |
|                           | 93  | 15  | 3.0 | 15  | CL040 |            |  | B14 |
|                           | 70  | 19  | 2.1 | 20  | CL040 |            |  | B14 |
|                           | 56  | 23  | 1.7 | 25  | CL040 |            |  | B14 |
|                           | 47  | 26  | 1.9 | 30  | CL040 |            |  | B14 |
|                           | 35  | 32  | 1.3 | 40  | CL040 |            |  | B14 |
|                           | 28  | 37  | 1.1 | 50  | CL040 |            |  | B14 |
|                           | 23  | 43  | 0.8 | 60  | CL040 |            |  | B14 |
|                           | 23  | 51  | 1.1 | 60  |       | CLP056/040 |  | B14 |
|                           | 19  | 60  | 0.9 | 75  |       | CLP056/040 |  | B14 |
|                           | 16  | 68  | 1.0 | 90  |       | CLP056/040 |  | B14 |

### 0.18 - IEC 63

|                           |     |     |     |     |       |            |  |        |
|---------------------------|-----|-----|-----|-----|-------|------------|--|--------|
| SMT6324                   | 35  | 33  | 2.3 | 40  | CL050 |            |  | B5/B14 |
| SMM6324                   | 28  | 39  | 1.9 | 50  | CL050 |            |  | B5/B14 |
| (1400 min <sup>-1</sup> ) | 23  | 44  | 1.6 | 60  | CL050 |            |  | B5/B14 |
|                           | 23  | 51  | 2.0 | 60  |       | CLP063/050 |  | B14    |
|                           | 19  | 60  | 1.5 | 75  |       | CLP063/050 |  | B14    |
|                           | 18  | 53  | 1.1 | 80  | CL050 |            |  | B5/B14 |
| TS6324-B14                | 16  | 70  | 1.8 | 90  |       | CLP063/050 |  | B14    |
| TS6324-B5                 | 14  | 60  | 0.9 | 100 | CL050 |            |  | B5/B14 |
| (1400 min <sup>-1</sup> ) | 12  | 85  | 1.3 | 120 |       | CLP063/050 |  | B14    |
|                           | 9.3 | 99  | 1.0 | 150 |       | CLP063/050 |  | B14    |
|                           | 7.8 | 110 | 0.9 | 180 |       | CLP063/050 |  | B14    |
|                           | 23  | 46  | 2.7 | 60  | CL063 |            |  | B5     |
|                           | 23  | 53  | 3.6 | 60  |       | CLP063/063 |  | B14    |
|                           | 19  | 63  | 2.7 | 75  |       | CLP063/063 |  | B14    |
|                           | 18  | 56  | 2.1 | 80  | CL063 |            |  | B5     |
|                           | 16  | 69  | 3.4 | 90  |       | CLP063/063 |  | B14    |
|                           | 14  | 64  | 1.8 | 100 | CL063 |            |  | B5     |
|                           | 12  | 87  | 2.4 | 120 |       | CLP063/063 |  | B14    |
|                           | 9.3 | 103 | 1.9 | 150 |       | CLP063/063 |  | B14    |
|                           | 7.8 | 115 | 1.6 | 180 |       | CLP063/063 |  | B14    |
|                           | 5.8 | 136 | 1.1 | 240 |       | CLP063/063 |  | B14    |
|                           | 4.7 | 152 | 0.9 | 300 |       | CLP063/063 |  | B14    |

### 0.18 - IEC 63

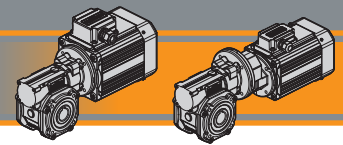
|                           |     |    |     |     |       |            |  |        |
|---------------------------|-----|----|-----|-----|-------|------------|--|--------|
| SMT6324                   | 280 | 5  | 3.4 | 5   | CL030 |            |  | B5/B14 |
| SMM6324                   | 187 | 8  | 2.6 | 7.5 | CL030 |            |  | B5/B14 |
| (1400 min <sup>-1</sup> ) | 140 | 10 | 2.0 | 10  | CL030 |            |  | B5/B14 |
|                           | 93  | 15 | 1.4 | 15  | CL030 |            |  | B5/B14 |
|                           | 70  | 18 | 1.0 | 20  | CL030 |            |  | B5/B14 |
|                           | 56  | 22 | 0.9 | 25  | CL030 |            |  | B5/B14 |
| TS6324-B14                | 47  | 25 | 0.9 | 30  | CL030 |            |  | B5/B14 |
| TS6324-B5                 | 280 | 5  | 7.6 | 5   | CL040 |            |  | B5/B14 |
| (1400 min <sup>-1</sup> ) | 187 | 8  | 5.6 | 7.5 | CL040 |            |  | B5/B14 |
|                           | 140 | 10 | 4.4 | 10  | CL040 |            |  | B5/B14 |
|                           | 93  | 15 | 3.0 | 15  | CL040 |            |  | B5/B14 |
|                           | 70  | 19 | 2.1 | 20  | CL040 |            |  | B5/B14 |
|                           | 56  | 23 | 1.7 | 25  | CL040 |            |  | B5/B14 |
|                           | 47  | 26 | 1.9 | 30  | CL040 |            |  | B5/B14 |
|                           | 35  | 32 | 1.3 | 40  | CL040 |            |  | B5/B14 |
|                           | 28  | 37 | 1.1 | 50  | CL040 |            |  | B5/B14 |
|                           | 23  | 43 | 0.8 | 60  | CL040 |            |  | B5/B14 |
|                           | 23  | 51 | 1.1 | 60  |       | CLP063/040 |  | B14    |
|                           | 19  | 60 | 0.9 | 75  |       | CLP063/040 |  | B14    |
|                           | 16  | 68 | 1.0 | 90  |       | CLP063/040 |  | B14    |

### 0.25 - IEC 56

|                           |     |     |     |     |       |  |  |     |
|---------------------------|-----|-----|-----|-----|-------|--|--|-----|
| SMT5654                   | 280 | 7   | 1.8 | 5   | CL026 |  |  | B14 |
| (1400 min <sup>-1</sup> ) | 187 | 11  | 1.3 | 8   | CL026 |  |  | B14 |
|                           | 140 | 14  | 1.0 | 10  | CL026 |  |  | B14 |
|                           | 280 | 7.3 | 2.5 | 5   | CL030 |  |  | B14 |
|                           | 187 | 11  | 1.8 | 7.5 | CL030 |  |  | B14 |
|                           | 140 | 14  | 1.5 | 10  | CL030 |  |  | B14 |
|                           | 93  | 20  | 1.0 | 15  | CL030 |  |  | B14 |
|                           | 280 | 8   | 5.5 | 5   | CL040 |  |  | B14 |
|                           | 187 | 11  | 4.0 | 7.5 | CL040 |  |  | B14 |
|                           | 140 | 14  | 3.1 | 10  | CL040 |  |  | B14 |
|                           | 93  | 21  | 2.2 | 15  | CL040 |  |  | B14 |
|                           | 70  | 27  | 1.5 | 20  | CL040 |  |  | B14 |
|                           | 56  | 32  | 1.2 | 25  | CL040 |  |  | B14 |
|                           | 47  | 36  | 1.3 | 30  | CL040 |  |  | B14 |
|                           | 35  | 44  | 0.9 | 40  | CL040 |  |  | B14 |
|                           | 28  | 51  | 0.8 | 50  | CL040 |  |  | B14 |



| Motori<br>Motors | SMT          |        | SMM    |        | TS          |
|------------------|--------------|--------|--------|--------|-------------|
|                  | 5644<br>5654 | 6324   | 5644   | 6324   | 6324        |
| IEC              | 56 B14       | 63 B14 | 56 B14 | 63 B14 | 63 B5 / B14 |



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>0.25 - IEC 63</b>      |                               |               |     |     |       |            |        | <b>0.25 - IEC 71</b>      |                               |               |     |     |       |            |        |
| SMT6334                   | 280                           | 7.3           | 2.5 | 5   | CL030 |            | B5/B14 | TS7114                    | 70                            | 27            | 2.7 | 20  | CL050 |            | B5/B14 |
| SMM6334                   | 187                           | 11            | 1.8 | 7.5 | CL030 |            | B5/B14 | (1400 min <sup>-1</sup> ) | 56                            | 32            | 2.2 | 25  | CL050 |            | B5/B14 |
| (1400 min <sup>-1</sup> ) | 140                           | 14            | 1.5 | 10  | CL030 |            | B5/B14 |                           | 47                            | 37            | 2.4 | 30  | CL050 |            | B5/B14 |
|                           | 93                            | 20            | 1.0 | 15  | CL030 |            | B5/B14 |                           | 35                            | 46            | 1.7 | 40  | CL050 |            | B5/B14 |
| TS6334-B14                | 280                           | 7.5           | 5.5 | 5   | CL040 |            | B5/B14 |                           | 28                            | 54            | 1.3 | 50  | CL050 |            | B5/B14 |
| TS6334-B5                 | 187                           | 11            | 4.0 | 7.5 | CL040 |            | B5/B14 |                           | 23                            | 61            | 1.1 | 60  | CL050 |            | B5/B14 |
| (1400 min <sup>-1</sup> ) | 140                           | 14            | 3.1 | 10  | CL040 |            | B5/B14 |                           | 19                            | 84            | 1.1 | 75  | CL050 | CLP071/050 | B14    |
|                           | 93                            | 21            | 2.2 | 15  | CL040 |            | B5/B14 |                           | 18                            | 74            | 0.8 | 80  | CL050 | CLP071/050 | B14    |
|                           | 70                            | 27            | 1.5 | 20  | CL040 |            | B5/B14 |                           | 16                            | 98            | 1.3 | 90  |       | CLP071/050 | B14    |
|                           | 56                            | 32            | 1.2 | 25  | CL040 |            | B5/B14 |                           |                               |               |     |     |       |            |        |
|                           | 47                            | 36            | 1.3 | 30  | CL040 |            | B5/B14 |                           | 28                            | 56            | 2.4 | 50  | CL063 |            | B5     |
|                           | 35                            | 44            | 0.9 | 40  | CL040 |            | B5/B14 |                           | 23                            | 64            | 2.0 | 60  | CL063 |            | B5     |
|                           | 28                            | 51            | 0.8 | 50  | CL040 |            | B5/B14 |                           | 23                            | 73            | 2.6 | 60  |       | CLP071/063 | B14    |
|                           |                               |               |     |     |       |            |        |                           | 19                            | 88            | 2.0 | 75  |       | CLP071/063 | B14    |
|                           | 70                            | 27            | 2.7 | 20  | CL050 |            | B5/B14 |                           | 18                            | 78            | 1.5 | 80  | CL063 |            | B5     |
|                           | 56                            | 32            | 2.2 | 25  | CL050 |            | B5/B14 |                           | 16                            | 96            | 2.4 | 90  |       | CLP071/063 | B14    |
|                           | 47                            | 37            | 2.4 | 30  | CL050 |            | B5/B14 |                           | 14                            | 89            | 1.3 | 100 | CL063 |            | B5     |
|                           | 35                            | 46            | 1.7 | 40  | CL050 |            | B5/B14 |                           | 12                            | 120           | 1.7 | 120 |       | CLP071/063 | B14    |
|                           | 28                            | 54            | 1.3 | 50  | CL050 |            | B5/B14 |                           | 9.3                           | 143           | 1.3 | 150 |       | CLP071/063 | B14    |
|                           | 23                            | 61            | 1.1 | 60  | CL050 |            | B5/B14 |                           | 7.8                           | 159           | 1.1 | 180 |       | CLP071/063 | B14    |
|                           | 23                            | 71            | 1.4 | 60  |       | CLP063/050 | B14    |                           |                               |               |     |     |       |            |        |
|                           | 19                            | 84            | 1.1 | 75  |       | CLP063/050 | B14    |                           | 18                            | 82            | 1.9 | 80  | CL070 |            | B5     |
|                           | 18                            | 74            | 0.8 | 80  | CL050 |            | B5/B14 |                           | 16                            | 99            | 3.1 | 90  |       | CLP071/070 | B14    |
|                           | 16                            | 98            | 1.3 | 90  |       | CLP063/050 | B14    |                           | 14                            | 90            | 1.7 | 100 | CL070 |            | B5     |
|                           |                               |               |     |     |       |            |        |                           | 12                            | 122           | 2.2 | 120 |       | CLP071/070 | B14    |
|                           | 28                            | 56            | 2.4 | 50  | CL063 |            | B5     |                           | 9.3                           | 143           | 1.8 | 150 |       | CLP071/070 | B14    |
|                           | 23                            | 64            | 2.0 | 60  | CL063 |            | B5     |                           | 7.8                           | 159           | 1.4 | 180 |       | CLP071/070 | B14    |
|                           | 23                            | 73            | 2.6 | 60  |       | CLP063/063 | B14    |                           | 5.8                           | 189           | 1.1 | 240 |       | CLP071/070 | B14    |
|                           | 19                            | 88            | 2.0 | 75  |       | CLP063/063 | B14    |                           | 4.7                           | 211           | 1.0 | 300 |       | CLP071/070 | B14    |
|                           | 18                            | 78            | 1.5 | 80  | CL063 |            | B5     |                           |                               |               |     |     |       |            |        |
|                           | 16                            | 96            | 2.4 | 90  |       | CLP063/063 | B14    |                           |                               |               |     |     |       |            |        |
|                           | 14                            | 89            | 1.3 | 100 | CL063 |            | B5     |                           |                               |               |     |     |       |            |        |
|                           | 12                            | 120           | 1.7 | 120 |       | CLP063/063 | B14    |                           |                               |               |     |     |       |            |        |
|                           | 9.3                           | 143           | 1.3 | 150 |       | CLP063/063 | B14    |                           |                               |               |     |     |       |            |        |
|                           | 7.8                           | 159           | 1.1 | 180 |       | CLP063/063 | B14    |                           |                               |               |     |     |       |            |        |

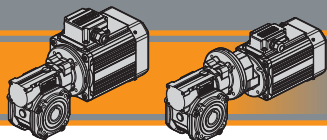
CL/CLP

| <b>0.25 - IEC 71</b>      |     |     |     |     |       |  |        |
|---------------------------|-----|-----|-----|-----|-------|--|--------|
| TS7114                    | 280 | 7.5 | 5.5 | 5   | CL040 |  | B5/B14 |
| (1400 min <sup>-1</sup> ) | 187 | 11  | 4.0 | 7.5 | CL040 |  | B5/B14 |
|                           | 140 | 14  | 3.1 | 10  | CL040 |  | B5/B14 |
|                           | 93  | 21  | 2.2 | 15  | CL040 |  | B5/B14 |
|                           | 70  | 27  | 1.5 | 20  | CL040 |  | B5/B14 |
|                           | 56  | 32  | 1.2 | 25  | CL040 |  | B5/B14 |
|                           | 47  | 36  | 1.3 | 30  | CL040 |  | B5/B14 |
|                           | 35  | 44  | 0.9 | 40  | CL040 |  | B5/B14 |

| <b>0.37 - IEC 63</b>      |     |    |     |     |       |  |     |
|---------------------------|-----|----|-----|-----|-------|--|-----|
| SMT6344                   | 280 | 11 | 1.7 | 5   | CL030 |  | B14 |
| (1400 min <sup>-1</sup> ) | 187 | 16 | 1.2 | 7.5 | CL030 |  | B14 |
|                           | 140 | 21 | 1.0 | 10  | CL030 |  | B14 |
|                           | 280 | 11 | 3.7 | 5   | CL040 |  | B14 |
|                           | 187 | 16 | 2.7 | 7.5 | CL040 |  | B14 |
|                           | 140 | 21 | 2.1 | 10  | CL040 |  | B14 |
|                           | 93  | 31 | 1.5 | 15  | CL040 |  | B14 |
|                           | 70  | 39 | 1.0 | 20  | CL040 |  | B14 |
|                           | 56  | 47 | 0.8 | 25  | CL040 |  | B14 |
|                           | 47  | 53 | 0.9 | 30  | CL040 |  | B14 |



| Motori<br>Motors | SMT          | SMM    | TS          |  |             |
|------------------|--------------|--------|-------------|--|-------------|
|                  | 6334<br>6344 | 6334   | 6334        |  | 7114        |
| IEC              | 63 B14       | 63 B14 | 63 B5 / B14 |  | 71 B5 / B14 |



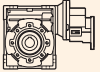


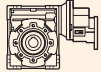







# CL / CLP

## Motoriduttori a vite senza fine Wormgearmotors

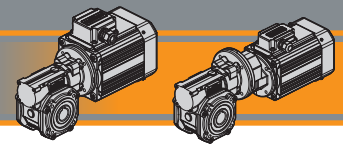
### Dati tecnici

### 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>0.37 - IEC 63</b>   |                               |               |     |     |   |   |   |               |                               |               |    |   |   |   |   |   |               |
| SMT6344  | <b>93</b>                     | 31            | 2.6 | 15  |   | <b>CL050</b>  |   |               |                               |               |    |   |   |   |   |   |               |
| (1400 min <sup>-1</sup> )  | <b>70</b>                     | 40            | 1.8 | 20  |   | <b>CL050</b>  |   |               |                               |               |    |   |   |   |   |   |               |
|   | <b>56</b>                     | 48            | 1.5 | 25  |   | <b>CL050</b>  |   |               |                               |               |    |   |   |   |   |   |               |
|  | <b>47</b>                     | 55            | 1.6 | 30  |   | <b>CL050</b>  |   |               |                               |               |    |   |   |   |   |   |               |
|  | <b>35</b>                     | 68            | 1.1 | 40  |   | <b>CL050</b>  |   |               |                               |               |    |   |   |   |   |   |               |
|  | <b>28</b>                     | 80            | 0.9 | 50  |   | <b>CL050</b>  |   |               |                               |               |    |   |   |   |   |   |               |
|  | <b>23</b>                     | 91            | 0.8 | 60  |   | <b>CL050</b>  |   |               |                               |               |    |   |   |   |   |   |               |
|  | <b>23</b>                     | 105           | 1.0 | 60  |   |   | <b>CLP063/050</b>   |               |                               |               |    |   |   |   |   |   |               |
|  | <b>16</b>                     | 145           | 0.9 | 90  |   |   | <b>CLP063/050</b>   |               |                               |               |    |   |   |   |   |   |               |
|  | <b>23</b>                     | 108           | 1.7 | 60  |   |   | <b>CLP063/063</b>   |               |                               |               |    |   |   |   |   |   | <b>B14</b>    |
|  | <b>19</b>                     | 130           | 1.3 | 75  |   |   | <b>CLP063/063</b>   |               |                               |               |    |   |   |   |   |   | <b>B14</b>    |
|  | <b>16</b>                     | 142           | 1.6 | 90  |   |   | <b>CLP063/063</b>   |               |                               |               |    |   |   |   |   |   | <b>B14</b>    |
|  | <b>12</b>                     | 178           | 1.2 | 120 |   |   | <b>CLP063/063</b>   |               |                               |               |    |   |   |   |   |   | <b>B14</b>    |
|  | <b>9.3</b>                    | 211           | 0.9 | 150 |   |   | <b>CLP063/063</b>   |               |                               |               |    |   |   |   |   |   | <b>B14</b>    |
| <b>0.37 - IEC 71</b>   |                               |               |     |     |   |   |   |               |                               |               |    |   |   |   |   |   |               |
| SMT7124  | <b>28</b>                     | 86            | 2.2 | 50  |   | <b>CL070</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5</b>     |
| SMM7124  | <b>23</b>                     | 98            | 1.8 | 60  |   | <b>CL070</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5</b>     |
| (1400 min <sup>-1</sup> )  | <b>23</b>                     | 110           | 2.6 | 60  |   |   |   |               |                               |               |    |   |   | <b>CLP071/070</b>   |   |   | <b>B14</b>    |
|   | <b>19</b>                     | 132           | 1.9 | 75  |   |   |   |               |                               |               |    |   |   | <b>CLP071/070</b>   |   |   | <b>B14</b>    |
|  | <b>18</b>                     | 121           | 1.3 | 80  |   | <b>CL070</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5</b>     |
|  | <b>16</b>                     | 147           | 2.3 | 90  |   |   |   |               |                               |               |    |   |   | <b>CLP071/070</b>   |   |   | <b>B14</b>    |
|  | <b>14</b>                     | 134           | 1.2 | 100 |   | <b>CL070</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5</b>     |
| TS7124-B14   | <b>12</b>                     | 181           | 1.7 | 120 |   |   |   |               |                               |               |    |   |   | <b>CLP071/070</b>   |   |   | <b>B14</b>    |
| <b>TS7124-B5</b>   | <b>12</b>                     | 181           | 1.7 | 120 |   |   |   |               |                               |               |    |   |   | <b>CLP071/070</b>   |   |   | <b>B14</b>    |
| (1400 min <sup>-1</sup> )  | <b>9.3</b>                    | 211           | 1.3 | 150 |   |   |   |               |                               |               |    |   |   | <b>CLP071/070</b>   |   |   | <b>B14</b>    |
|  | <b>7.8</b>                    | 236           | 1.1 | 180 |   |   |   |               |                               |               |    |   |   | <b>CLP071/070</b>   |   |   | <b>B14</b>    |
| <b>0.55 - IEC 71</b>   |                               |               |     |     |   |   |   |               |                               |               |    |   |   |   |   |   |               |
| SMT7134  | <b>280</b>                    | 17            | 2.5 | 5   |   | <b>CL040</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
| SMM7134  | <b>187</b>                    | 24            | 1.8 | 7.5 |   | <b>CL040</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
| (1400 min <sup>-1</sup> )  | <b>140</b>                    | 32            | 1.4 | 10  |   | <b>CL040</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
|   | <b>93</b>                     | 46            | 1.0 | 15  |   | <b>CL040</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
|  | <b>140</b>                    | 32            | 2.6 | 10  |   | <b>CL050</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
| TS7134-B14   | <b>93</b>                     | 46            | 1.8 | 15  |   | <b>CL050</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
| <b>TS7134-B5</b>   | <b>70</b>                     | 59            | 1.2 | 20  |   | <b>CL050</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
| (1400 min <sup>-1</sup> )  | <b>56</b>                     | 71            | 1.0 | 25  |   | <b>CL050</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
|  | <b>47</b>                     | 81            | 1.1 | 30  |   | <b>CL050</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
|  | <b>35</b>                     | 101           | 0.8 | 40  |   | <b>CL050</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
|  | <b>70</b>                     | 61            | 2.2 | 20  |   | <b>CL063</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
|  | <b>56</b>                     | 73            | 1.8 | 25  |   | <b>CL063</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
|  | <b>47</b>                     | 84            | 2.0 | 30  |   | <b>CL063</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
|  | <b>35</b>                     | 105           | 1.4 | 40  |   | <b>CL063</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
|  | <b>28</b>                     | 124           | 1.1 | 50  |   | <b>CL063</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
|  | <b>23</b>                     | 142           | 0.9 | 60  |   | <b>CL063</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
|  | <b>23</b>                     | 161           | 1.2 | 60  |   |   |   |               |                               |               |    |   |   |   |   |   | <b>B14</b>    |
|  | <b>19</b>                     | 193           | 0.9 | 75  |   |   |   |               |                               |               |    |   |   | <b>CLP071/063</b>   |   |   | <b>B14</b>    |
|  | <b>16</b>                     | 212           | 1.1 | 90  |   |   |   |               |                               |               |    |   |   | <b>CLP071/063</b>   |   |   | <b>B14</b>    |
|  | <b>35</b>                     | 108           | 1.9 | 40  |   | <b>CL070</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5</b>     |
|  | <b>28</b>                     | 128           | 1.5 | 50  |   | <b>CL070</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5</b>     |
|  | <b>23</b>                     | 146           | 1.2 | 60  |   | <b>CL070</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5</b>     |
|  | <b>23</b>                     | 163           | 1.7 | 60  |   |   |   |               |                               |               |    |   |   | <b>CLP071/070</b>   |   |   | <b>B14</b>    |
|  | <b>19</b>                     | 196           | 1.3 | 75  |   |   |   |               |                               |               |    |   |   | <b>CLP071/070</b>   |   |   | <b>B14</b>    |
|  | <b>18</b>                     | 180           | 0.9 | 80  |   | <b>CL070</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5</b>     |
|  | <b>16</b>                     | 218           | 1.6 | 90  |   |   |   |               |                               |               |    |   |   | <b>CLP071/070</b>   |   |   | <b>B14</b>    |
|  | <b>12</b>                     | 269           | 1.1 | 120 |   |   |   |               |                               |               |    |   |   | <b>CLP071/070</b>   |   |   | <b>B14</b>    |
|  | <b>9.3</b>                    | 314           | 0.9 | 150 |   |   |   |               |                               |               |    |   |   | <b>CLP071/070</b>   |   |   | <b>B14</b>    |
| <b>0.37 - IEC 71</b>   |                               |               |     |     |   |   |   |               |                               |               |    |   |   |   |   |   |               |
| SMT7124  | <b>280</b>                    | 11            | 3.7 | 5   |   | <b>CL040</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
| SMM7124  | <b>187</b>                    | 16            | 2.7 | 7.5 |   | <b>CL040</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
| (1400 min <sup>-1</sup> )  | <b>140</b>                    | 21            | 2.1 | 10  |   | <b>CL040</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
|  | <b>93</b>                     | 31            | 1.5 | 15  |   | <b>CL040</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
|  | <b>70</b>                     | 39            | 1.0 | 20  |   | <b>CL040</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
|  | <b>56</b>                     | 47            | 0.8 | 25  |   | <b>CL040</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
| TS7124-B14   | <b>47</b>                     | 53            | 0.9 | 30  |   | <b>CL040</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
| <b>TS7124-B5</b>   | <b>93</b>                     | 31            | 2.6 | 15  |   | <b>CL050</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
| (1400 min <sup>-1</sup> )  | <b>70</b>                     | 40            | 1.8 | 20  |   | <b>CL050</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
|  | <b>56</b>                     | 48            | 1.5 | 25  |   | <b>CL050</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
|  | <b>47</b>                     | 55            | 1.6 | 30  |   | <b>CL050</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
|  | <b>35</b>                     | 68            | 1.1 | 40  |   | <b>CL050</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
|  | <b>28</b>                     | 80            | 0.9 | 50  |   | <b>CL050</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
|  | <b>23</b>                     | 91            | 0.8 | 60  |   | <b>CL050</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
|  | <b>23</b>                     | 105           | 1.0 | 60  |   |   | <b>CLP071/050</b>   |               |                               |               |    |   |   |   |   |   | <b>B14</b>    |
|  | <b>16</b>                     | 145           | 0.9 | 90  |   |   | <b>CLP071/050</b>   |               |                               |               |    |   |   |   |   |   | <b>B14</b>    |
|  | <b>35</b>                     | 71            | 2.0 | 40  |   | <b>CL063</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
|  | <b>28</b>                     | 83            | 1.6 | 50  |   | <b>CL063</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
|  | <b>23</b>                     | 95            | 1.3 | 60  |   | <b>CL063</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
|  | <b>23</b>                     | 108           | 1.7 | 60  |   |   | <b>CLP071/063</b>   |               |                               |               |    |   |   |   |   |   | <b>B14</b>    |
|  | <b>19</b>                     | 130           | 1.3 | 75  |   |   | <b>CLP071/063</b>   |               |                               |               |    |   |   |   |   |   | <b>B14</b>    |
|  | <b>18</b>                     | 115           | 1.0 | 80  |   | <b>CL063</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
|  | <b>16</b>                     | 142           | 1.6 | 90  |   |   | <b>CLP071/063</b>   |               |                               |               |    |   |   |   |   |   | <b>B14</b>    |
|  | <b>14</b>                     | 131           | 0.9 | 100 |   | <b>CL063</b>  |   |               |                               |               |    |   |   |   |   |   | <b>B5/B14</b> |
|  | <b>12</b>                     | 178           | 1.2 | 120 |   |   | <b>CLP071/063</b>   |               |                               |               |    |   |   |   |   |   | <b>B14</b>    |
|  | <b>9.3</b>                    | 211           | 0.9 | 150 |   |   | <b>CLP071/063</b>   |               |                               |               |    |   |   |   |   |   | <b>B14</b>    |





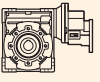





| Motori<br>Motors | SMT    |        | SMM          |              | TS           |  |
|------------------|--------|--------|--------------|--------------|--------------|--|
|                  |        | 6344   | 7124<br>7134 | 7124<br>7134 | 7124<br>7134 |  |
| IEC              | 63 B14 | 71 B14 | 71 B14       |              | 71 B5 / B14  |  |




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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>0.55 - IEC 80</b>                |                               |               |     |     |   |   |   | <b>0.75 - IEC 80</b>  |                               |               |     |     |   |   |   |
| TS8014<br>(1400 min <sup>-1</sup> ) | 280                           | 17            | 4.5 | 5   | CL050   |   | B5/B14  | SMT8024 IE3   | 280                           | 23            | 3.3 | 5   | CL050   |   | B5/B14  |
|                                     | 187                           | 24            | 3.2 | 7.5 | CL050   |   | B5/B14  | SMM8024<br>(1400 min <sup>-1</sup> )  | 187                           | 33            | 2.4 | 7.5 | CL050   |   | B5/B14  |
|                                     | 140                           | 32            | 2.6 | 10  | CL050   |   | B5/B14  |  | 140                           | 43            | 1.9 | 10  | CL050   |   | B5/B14  |
|                                     | 93                            | 46            | 1.8 | 15  | CL050   |   | B5/B14  |   | 93                            | 63            | 1.3 | 15  | CL050   |   | B5/B14  |
|                                     | 70                            | 59            | 1.2 | 20  | CL050   |   | B5/B14  |   | 70                            | 81            | 0.9 | 20  | CL050   |   | B5/B14  |
|                                     | 56                            | 71            | 1.0 | 25  | CL050   |   | B5/B14  |   | 47                            | 111           | 0.8 | 30  | CL050   |   | B5/B14  |
|                                     | 47                            | 81            | 1.1 | 30  | CL050   |   | B5/B14  | TS8024-B14  |                               |               |     |     |   |   |   |
|                                     | 70                            | 61            | 2.2 | 20  | CL063   |   | B5/B14  | TS8024-B5<br>(1400 min <sup>-1</sup> )  | 93                            | 64            | 2.4 | 15  | CL063   |   | B5/B14  |
|                                     | 56                            | 73            | 1.8 | 25  | CL063   |   | B5/B14  |   | 70                            | 83            | 1.6 | 20  | CL063   |   | B5/B14  |
|                                     | 47                            | 84            | 2.0 | 30  | CL063   |   | B5/B14  |   | 56                            | 100           | 1.4 | 25  | CL063   |   | B5/B14  |
|                                     | 35                            | 105           | 1.4 | 40  | CL063   |   | B5/B14  |   | 47                            | 115           | 1.4 | 30  | CL063   |   | B5/B14  |
|                                     | 28                            | 124           | 1.1 | 50  | CL063   |   | B5/B14  |   | 35                            | 143           | 1.0 | 40  | CL063   |   | B5/B14  |
|                                     | 23                            | 142           | 0.9 | 60  | CL063   |   | B5/B14  |   | 28                            | 169           | 0.8 | 50  | CL063   |   | B5/B14  |
|                                     | 23                            | 161           | 1.2 | 60  |   | CLP080/063  | B14   |   | 23                            | 220           | 0.9 | 60  |   | CLP080/063  | B14   |
|                                     | 19                            | 193           | 0.9 | 75  |   | CLP080/063  | B14   |   | 70                            | 85            | 2.4 | 20  | CL070   |   | B5/B14  |
|                                     | 16                            | 212           | 1.1 | 90  |   | CLP080/063  | B14   |   | 56                            | 102           | 1.8 | 25  | CL070   |   | B5/B14  |
|                                     | 35                            | 108           | 1.9 | 40  | CL070   |   | B5/B14  |   | 47                            | 118           | 2.1 | 30  | CL070   |   | B5/B14  |
|                                     | 28                            | 128           | 1.5 | 50  | CL070   |   | B5/B14  |   | 35                            | 149           | 1.4 | 40  | CL070   |   | B5/B14  |
|                                     | 23                            | 146           | 1.2 | 60  | CL070   |   | B5/B14  |   | 28                            | 177           | 1.1 | 50  | CL070   |   | B5/B14  |
|                                     | 23                            | 163           | 1.7 | 60  |   | CLP080/070  | B14   |   | 23                            | 203           | 0.9 | 60  | CL070   |   | B5/B14  |
|                                     | 19                            | 196           | 1.3 | 75  |   | CLP080/070  | B14   |   | 23                            | 223           | 1.3 | 60  |   | CLP080/070  | B14   |
|                                     | 18                            | 180           | 0.9 | 80  | CL070   |   | B5/B14  |   | 19                            | 267           | 0.9 | 75  |   | CLP080/070  | B14   |
|                                     | 16                            | 218           | 1.6 | 90  |   | CLP080/070  | B14   |   | 16                            | 298           | 1.1 | 90  |   | CLP080/070  | B14   |
|                                     | 12                            | 269           | 1.1 | 120 |   | CLP080/070  | B14   |   |                               |               |     |     |   |   |   |

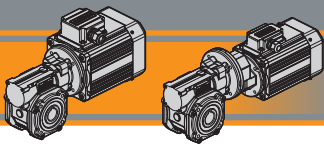
| <b>0.75 - IEC 71</b>  |     |     |     |     |       |            |        |
|---|-----|-----|-----|-----|-------|------------|--------|
| SMT7144<br>(1400 min <sup>-1</sup> )  | 280 | 23  | 1.8 | 5   | CL040 |            | B5/B14 |
|   | 187 | 33  | 1.3 | 7.5 | CL040 |            | B5/B14 |
|   | 140 | 43  | 1.0 | 10  | CL040 |            | B5/B14 |
|  | 280 | 23  | 3.3 | 5   | CL050 |            | B5/B14 |
| TS7144-B14  | 187 | 33  | 2.4 | 7.5 | CL050 |            | B5/B14 |
| TS7144-B5<br>(1400 min <sup>-1</sup> )  | 140 | 43  | 1.9 | 10  | CL050 |            | B5/B14 |
|   | 93  | 63  | 1.3 | 15  | CL050 |            | B5/B14 |
|   | 70  | 81  | 0.9 | 20  | CL050 |            | B5/B14 |
|   | 47  | 111 | 0.8 | 30  | CL050 |            | B5/B14 |
|   | 93  | 64  | 2.4 | 15  | CL063 |            | B5/B14 |
|   | 70  | 83  | 1.6 | 20  | CL063 |            | B5/B14 |
|   | 56  | 100 | 1.4 | 25  | CL063 |            | B5/B14 |
|   | 47  | 115 | 1.4 | 30  | CL063 |            | B5/B14 |
|   | 35  | 143 | 1.0 | 40  | CL063 |            | B5/B14 |
|   | 28  | 169 | 0.8 | 50  | CL063 |            | B5/B14 |
|   | 23  | 220 | 0.9 | 60  |       | CLP071/063 | B14    |
|   | 70  | 85  | 2.4 | 20  | CL070 |            | B5     |
|   | 56  | 102 | 1.8 | 25  | CL070 |            | B5     |
|   | 47  | 118 | 2.1 | 30  | CL070 |            | B5     |
|   | 35  | 149 | 1.4 | 40  | CL070 |            | B5     |
|   | 28  | 177 | 1.1 | 50  | CL070 |            | B5     |
|   | 23  | 203 | 0.9 | 60  | CL070 |            | B5     |
|   | 23  | 223 | 1.3 | 60  |       | CLP071/070 | B14    |
|   | 19  | 267 | 0.9 | 75  |       | CLP071/070 | B14    |
|   | 16  | 298 | 1.1 | 90  |       | CLP071/070 | B14    |

| <b>1.1 - IEC 80</b>   |     |     |     |     |       |            |        |
|---|-----|-----|-----|-----|-------|------------|--------|
| SMT8034 IE3<br>(1400 min <sup>-1</sup> )  | 280 | 33  | 2.2 | 5   | CL050 |            | B5/B14 |
|   | 187 | 49  | 1.6 | 7.5 | CL050 |            | B5/B14 |
|   | 140 | 64  | 1.3 | 10  | CL050 |            | B5/B14 |
|  | 93  | 92  | 0.9 | 15  | CL050 |            | B5/B14 |
| TS8034-B14  | 280 | 34  | 4.0 | 5   | CL063 |            | B5/B14 |
| TS8034-B5<br>(1400 min <sup>-1</sup> )  | 187 | 50  | 2.9 | 7.5 | CL063 |            | B5/B14 |
|   | 140 | 65  | 2.3 | 10  | CL063 |            | B5/B14 |
|   | 93  | 95  | 1.6 | 15  | CL063 |            | B5/B14 |
|   | 70  | 122 | 1.1 | 20  | CL063 |            | B5/B14 |
|   | 56  | 146 | 0.9 | 25  | CL063 |            | B5/B14 |
|   | 47  | 169 | 1.0 | 30  | CL063 |            | B5/B14 |
|   | 93  | 95  | 2.3 | 15  | CL070 |            | B5/B14 |
|   | 70  | 125 | 1.6 | 20  | CL070 |            | B5/B14 |
|   | 56  | 150 | 1.2 | 25  | CL070 |            | B5/B14 |
|   | 47  | 173 | 1.4 | 30  | CL070 |            | B5/B14 |
|   | 35  | 219 | 1.0 | 40  | CL070 |            | B5/B14 |
|   | 23  | 326 | 0.9 | 60  |       | CLP080/070 | B14    |

CL/CLP



| Motori<br>Motors | SMT    |              | SMM    |        | TS          |                      |
|------------------|--------|--------------|--------|--------|-------------|----------------------|
|                  | 7144   | 8024<br>8034 | 7144   | 8024   | 7144        | 8014<br>8024<br>8034 |
| IEC              | 71 B14 | 80 B14       | 71 B14 | 80 B14 | 71 B5 / B14 | 80 B5 / B14          |



# CL / CLP

# Motoriduttori a vite senza fine Wormgearmotors

## 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>1.1 - IEC 90</b>                                    |                               |               |     |     |       |            |  |               |                               |               |    |   |  |  |  |  |  |
| TS90S4<br>(1400 min <sup>-1</sup> )                    | 280                           | 34            | 4.0 | 5   | CL063 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 187                           | 50            | 2.9 | 7.5 | CL063 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 140                           | 65            | 2.3 | 10  | CL063 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 93                            | 95            | 1.6 | 15  | CL063 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 70                            | 122           | 1.1 | 20  | CL063 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 56                            | 146           | 0.9 | 25  | CL063 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 47                            | 169           | 1.0 | 30  | CL063 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 93                            | 95            | 2.3 | 15  | CL070 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 70                            | 125           | 1.6 | 20  | CL070 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 56                            | 150           | 1.2 | 25  | CL070 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 47                            | 173           | 1.4 | 30  | CL070 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 35                            | 219           | 1.0 | 40  | CL070 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 23                            | 326           | 0.9 | 60  | CL070 | CLP090/070 |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
| <b>1.5 - IEC 90</b>                                    |                               |               |     |     |       |            |  |               |                               |               |    |   |  |  |  |  |  |
| SMT9024 IE3<br>(1400 min <sup>-1</sup> )               | 280                           | 46            | 2.9 | 5   | CL063 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 187                           | 68            | 2.1 | 7.5 | CL063 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 140                           | 88            | 1.7 | 10  | CL063 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 93                            | 129           | 1.2 | 15  | CL063 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 70                            | 166           | 0.8 | 20  | CL063 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
| TS90L14-B14<br>TS90L14-B5<br>(1400 min <sup>-1</sup> ) | 187                           | 68            | 2.9 | 7.5 | CL070 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 140                           | 89            | 2.4 | 10  | CL070 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 93                            | 129           | 1.7 | 15  | CL070 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 70                            | 170           | 1.2 | 20  | CL070 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 56                            | 205           | 0.9 | 25  | CL070 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 47                            | 236           | 1.0 | 30  | CL070 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
| <b>2.2 - IEC 90</b>                                    |                               |               |     |     |       |            |  |               |                               |               |    |   |  |  |  |  |  |
| SMT9034 IE3<br>(1400 min <sup>-1</sup> )               | 280                           | 68            | 2.0 | 5   | CL063 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 187                           | 99            | 1.5 | 7.5 | CL063 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 140                           | 129           | 1.1 | 10  | CL063 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 93                            | 189           | 0.8 | 15  | CL063 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
| TS90L24-B14<br>TS90L24-B5<br>(1400 min <sup>-1</sup> ) | 187                           | 100           | 2.0 | 7.5 | CL070 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 140                           | 131           | 1.7 | 10  | CL070 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 93                            | 189           | 1.2 | 15  | CL070 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 70                            | 249           | 0.8 | 20  | CL070 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
| <b>2.2 - IEC 100</b>                                   |                               |               |     |     |       |            |  |               |                               |               |    |   |  |  |  |  |  |
| TS100L14<br>(1400 min <sup>-1</sup> )                  | 187                           | 100           | 2.0 | 7.5 | CL070 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 140                           | 131           | 1.7 | 10  | CL070 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 93                            | 189           | 1.2 | 15  | CL070 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 70                            | 249           | 0.8 | 20  | CL070 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
| <b>3.0 - IEC 100</b>                                   |                               |               |     |     |       |            |  |               |                               |               |    |   |  |  |  |  |  |
| 100LB4<br>(1400 min <sup>-1</sup> )                    | 187                           | 137           | 1.5 | 7.5 | CL070 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 140                           | 178           | 1.2 | 10  | CL070 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 93                            | 258           | 0.9 | 15  | CL070 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
| <b>4.0 - IEC 112</b>                                   |                               |               |     |     |       |            |  |               |                               |               |    |   |  |  |  |  |  |
| 112M4<br>(1400 min <sup>-1</sup> )                     | 187                           | 182           | 1.1 | 7.5 | CL070 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |
|  | 140                           | 237           | 0.9 | 10  | CL070 |            |  | B5/B14        |                               |               |    |   |  |  |  |  |  |



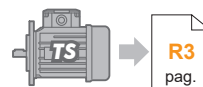
| Motori<br>Motors | SMT      | TS                    |              | IEC          |              |
|------------------|----------|-----------------------|--------------|--------------|--------------|
|                  | 9024 IE3 | 90S4<br>90L14<br>9034 | 100L14       | 100LB4       | 112M4        |
| IEC              | 90 B14   | 90 B5 / B14           | 100 B14 / B5 | 100 B14 / B5 | 112 B14 / B5 |

## Dati tecnici elettrici

## Electrical technical data

Si prega di consultare il paragrafo dedicato:

Please see the dedicated paragraph:



## Motori applicabili

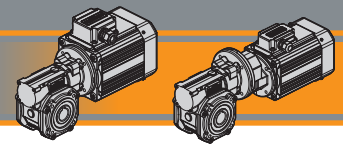
## IEC Motor adapters

|            | SMT  |      |      |      |      |      | SMM  |      |      |      |      | TS   |      |      |      |       | IEC    |        |       |
|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|--------|--------|-------|
|            | 5014 | 5624 | 6324 | 7124 | 8024 | 9024 | 5014 | 5624 | 6324 | 7124 | 8024 | 5624 | 6314 | 7114 | 8024 | 90S4  | 100L14 | 100LB4 | 112M4 |
|            | 5024 | 5634 | 6334 | 7134 | 8034 | 9034 | 5024 | 5634 | 6334 | 7134 |      | 6324 | 6334 | 7124 | 8034 | 90L14 |        |        |       |
|            | 5034 | 5444 | 6344 | 7144 |      |      | 5034 | 5654 |      |      |      | 6334 | 7134 | 7144 |      | 90L24 |        |        |       |
|            | 5044 | 5654 |      |      |      |      |      |      |      |      |      |      |      |      |      |       |        |        |       |
| CL026      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |        |        |       |
| CL030      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |        |        |       |
| CL040      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |        |        |       |
| CL050      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |        |        |       |
| CL063      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |        |        |       |
| CL070      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |        |        |       |
| CLP056/... |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |        |        |       |
| CLP063/... |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |        |        |       |
| CLP071/... |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |        |        |       |
| CLP080/... |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |        |        |       |
| CLP090/... |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |        |        |       |

N.B. Le aree evidenziate in grigio indicano l'applicabilità della corrispondente grandezza motore.

N.B. Grey areas indicate motor inputs available on each size of unit.

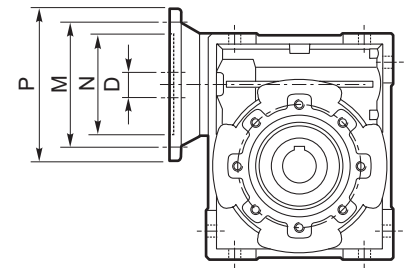




Motori applicabili

IEC Motor adapters

|       | IEC        | N   | M   | P   | D  | i  |     |    |    |    |    |    |    |    |    |    |     |   |  |  |  |  |  |  |  |
|-------|------------|-----|-----|-----|----|----|-----|----|----|----|----|----|----|----|----|----|-----|---|--|--|--|--|--|--|--|
|       |            |     |     |     |    | 5  | 7.5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 80 | 100 |   |  |  |  |  |  |  |  |
| CL026 | 56B14      | 50  | 65  | 80  | 9  |    |     |    |    |    |    |    |    |    |    |    |     |   |  |  |  |  |  |  |  |
| CL030 | 63B5       | 95  | 115 | 140 | 11 |    |     |    |    |    |    |    |    |    |    |    |     |   |  |  |  |  |  |  |  |
|       | 63B14      | 60  | 75  | 90  |    |    |     |    |    |    |    |    |    |    |    |    |     |   |  |  |  |  |  |  |  |
|       | 56B5       | 80  | 100 | 120 | 9  | B  | B   | B  | B  | B  | B  | B  | B  | B  |    |    |     |   |  |  |  |  |  |  |  |
|       | 56B14      | 50  | 65  | 80  |    |    |     |    |    |    |    |    |    |    |    |    |     |   |  |  |  |  |  |  |  |
| CL040 | 71B5       | 110 | 130 | 160 | 14 |    |     |    |    |    |    |    |    |    |    |    |     |   |  |  |  |  |  |  |  |
|       | 71B14      | 70  | 85  | 105 |    |    |     |    |    |    |    |    |    |    |    |    |     |   |  |  |  |  |  |  |  |
|       | 63B5       | 95  | 115 | 140 | 11 | B  | B   | B  | B  | B  | B  | B  | B  |    |    |    |     |   |  |  |  |  |  |  |  |
|       | 63B14      | 60  | 75  | 90  |    |    |     |    |    |    |    |    |    |    |    |    |     |   |  |  |  |  |  |  |  |
|       | 56B5       | 80  | 100 | 120 | 9  | BS | BS  | BS | BS | BS | BS | BS | BS | BS | B  | B  | B   |   |  |  |  |  |  |  |  |
| 56B14 | 50         | 65  | 80  |     |    |    |     |    |    |    |    |    |    |    |    |    |     |   |  |  |  |  |  |  |  |
| CL050 | 80B5       | 130 | 165 | 200 | 19 |    |     |    |    |    |    |    |    |    |    |    |     |   |  |  |  |  |  |  |  |
|       | 80B14      | 80  | 100 | 120 |    |    |     |    |    |    |    |    |    |    |    |    |     |   |  |  |  |  |  |  |  |
|       | 71B5       | 110 | 130 | 160 | 14 | B  | B   | B  | B  | B  | B  | B  |    |    |    |    |     |   |  |  |  |  |  |  |  |
|       | 71B14      | 70  | 85  | 105 |    |    |     |    |    |    |    |    |    |    |    |    |     |   |  |  |  |  |  |  |  |
|       | 63B5       | 95  | 115 | 140 | 11 | BS | BS  | BS | BS | BS | BS | BS | BS | B  | B  | B  |     |   |  |  |  |  |  |  |  |
| 63B14 | 60         | 75  | 90  |     |    |    |     |    |    |    |    |    |    |    |    |    |     |   |  |  |  |  |  |  |  |
| CL063 | 90B5       | 130 | 165 | 200 | 24 |    |     |    |    |    |    |    |    |    |    |    |     |   |  |  |  |  |  |  |  |
|       | 90B14      | 95  | 115 | 140 |    |    |     |    |    |    |    |    |    |    |    |    |     |   |  |  |  |  |  |  |  |
|       | 80B5       | 130 | 165 | 200 | 19 | B  | B   | B  | B  | B  | B  | B  |    |    |    |    |     |   |  |  |  |  |  |  |  |
|       | 80B14      | 80  | 100 | 120 |    |    |     |    |    |    |    |    |    |    |    |    |     |   |  |  |  |  |  |  |  |
|       | 71B5       | 110 | 130 | 160 | 14 | BS | BS  | BS | BS | BS | BS | BS | BS | B  | B  | B  |     |   |  |  |  |  |  |  |  |
|       | 71B14      | 70  | 85  | 105 |    |    |     |    |    |    |    |    |    |    |    |    |     |   |  |  |  |  |  |  |  |
|       | 63B5       | 95  | 115 | 140 | 11 |    |     |    |    |    |    |    |    | BS | BS | BS | B   | B |  |  |  |  |  |  |  |
| CL070 | 100/112B5  | 180 | 215 | 250 | 28 |    |     |    |    |    |    |    |    |    |    |    |     |   |  |  |  |  |  |  |  |
|       | 100/112B14 | 110 | 130 | 160 |    |    |     |    |    |    |    |    |    |    |    |    |     |   |  |  |  |  |  |  |  |
|       | 90B5       | 130 | 165 | 200 | 24 |    | B   | B  | B  | B  |    |    |    |    |    |    |     |   |  |  |  |  |  |  |  |
|       | 90B14      | 95  | 115 | 140 |    |    |     |    |    |    |    |    |    |    |    |    |     |   |  |  |  |  |  |  |  |
|       | 80B5       | 130 | 165 | 200 | 19 |    | BS  | BS | BS | BS | B  | B  | B  |    |    |    |     |   |  |  |  |  |  |  |  |
|       | 80B14      | 80  | 100 | 120 |    |    |     |    |    |    |    |    |    |    |    |    |     |   |  |  |  |  |  |  |  |
|       | 71B5       | 110 | 130 | 160 | 14 |    |     |    |    |    | BS | BS | BS | B  | B  | B  |     |   |  |  |  |  |  |  |  |



N.B.

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

N.B. Grey areas indicate motor inputs available on each size of unit.

B/BS = Boccola di riduzione in acciaio

B/BS = Metal shaft sleeve

Nota: flange Nema disponibili a richiesta  
Note: Nema flange available on demand

CL/CLP

| CMP     | IEC    | N   | M   | P   | D  | i<br>(i <sub>1</sub> x i <sub>2</sub> ) |              |              |               |               |               |               |                |  |
|---------|--------|-----|-----|-----|----|---|--------------|--------------|---------------|---------------|---------------|---------------|----------------|--|
|         |        |     |     |     |    | 60<br>(3x20)                            | 75<br>(3x25) | 90<br>(3x30) | 120<br>(3x40) | 150<br>(3x50) | 180<br>(3x60) | 240<br>(3x80) | 300<br>(3x100) |  |
| 056/030 | 56 B14 | 50  | 65  | 80  | 9  |   |              |              |               |               |               |               |                |  |
| 056/040 |        |     |     |     |    | B                                       | B            | B            | B             |               |               |               |                |  |
| 063/040 | 63 B14 | 60  | 75  | 90  | 11 |   |              |              |               |               |               |               |                |  |
| 063/050 |        |     |     |     |    | B                                       | B            | B            |               |               |               |               |                |  |
| 063/063 |        |     |     |     |    | BS                                      | BS           | BS           | B             | B             | B             |               |                |  |
| 071/050 | 71 B14 | 70  | 85  | 105 | 14 |   |              |              |               |               |               |               |                |  |
| 071/063 |        |     |     |     |    | B                                       | B            | B            |               |               |               |               |                |  |
| 071/070 |        |     |     |     |    | BS                                      | B            | B            | B             |               |               |               |                |  |
| 080/063 | 80 B14 | 80  | 100 | 120 | 19 |   |              |              |               |               |               |               |                |  |
| 080/070 |        |     |     |     |    | B                                       |              |              |               |               |               |               |                |  |
| 090/070 | 90 B14 | 95  | 115 | 140 | 24 | B                                       |              |              |               |               |               |               |                |  |
|         | 90 B5  | 130 | 165 | 200 |    |   |              |              |               |               |               |               |                |  |

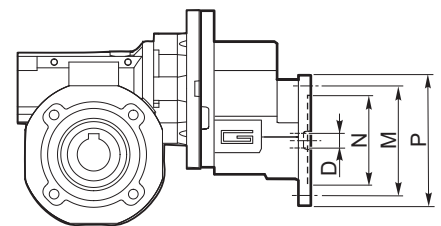
N.B.

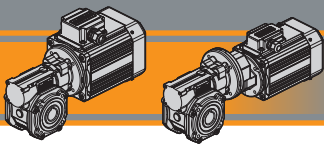
Le aree evidenziate in grigio indicano l'applicabilità della corrispondente grandezza motore.

N.B. Grey areas indicate motor inputs available on each size of unit.

B/BS = Boccola di riduzione in acciaio

B/BS = Metal shaft sleeve





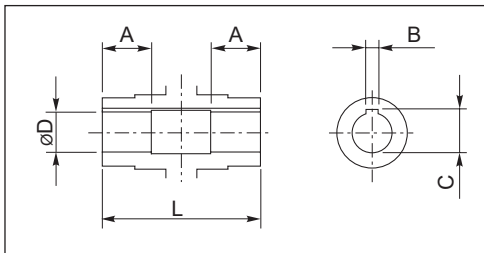
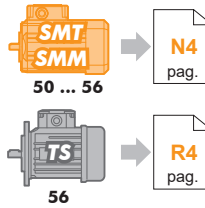
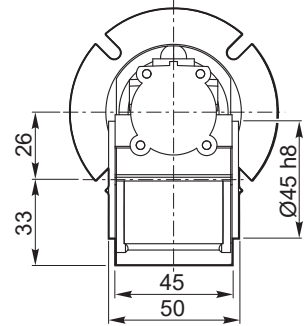
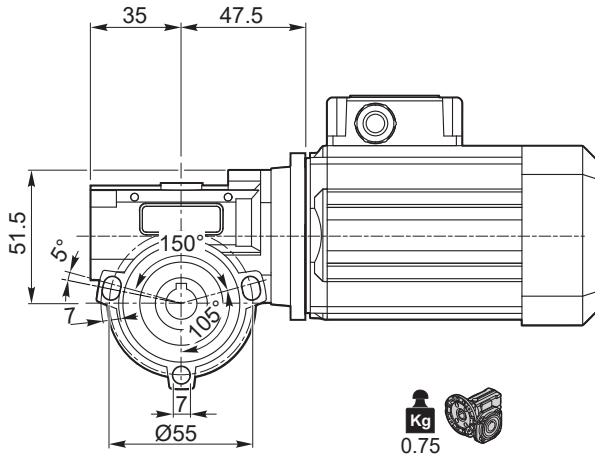
# CL / CLP

Motoriduttori a vite senza fine  
Wormgearmotors

Dimensioni

Dimensions

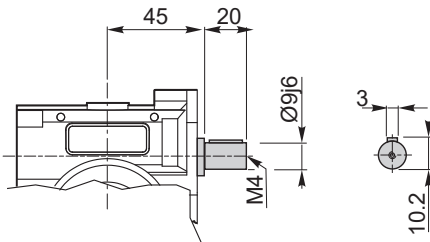
## CL 026 U



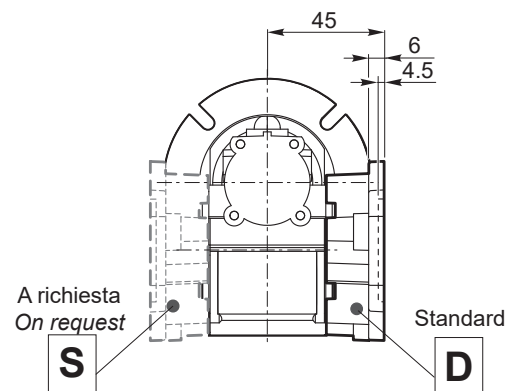
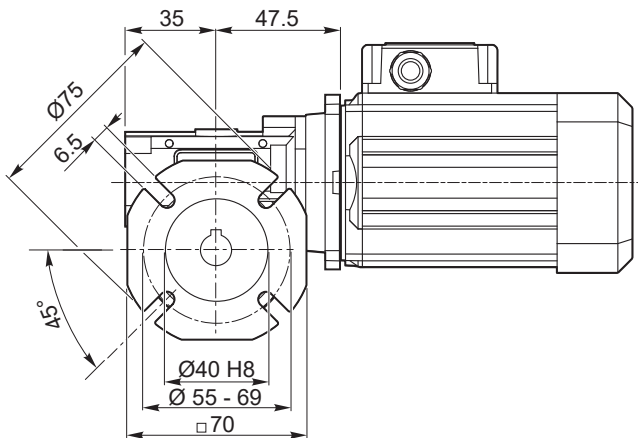
Albero lento cavo / Hollow output shaft

| Grandezza<br>Size | Ø D<br>H8 | L  | A  | B | C    |
|-------------------|-----------|----|----|---|------|
| CM 026 (D14)      | 14        | 50 | 15 | 5 | 16.2 |
| CM 026            | 12        | 50 | 15 | 4 | 13.8 |
| CM 026 (D11)      | 11        | 50 | 15 | 4 | 12.8 |

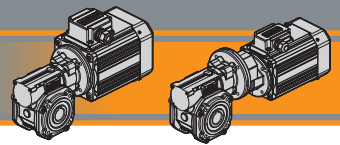
## CLIS 026 ..



## CL 026 F



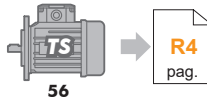
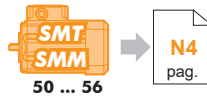
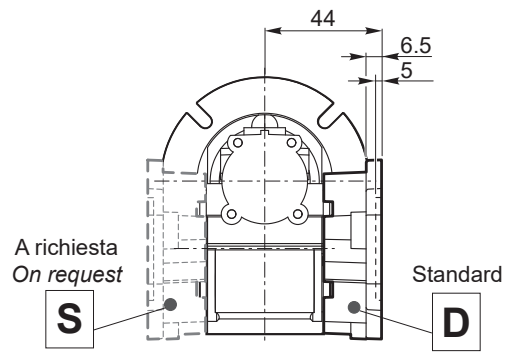
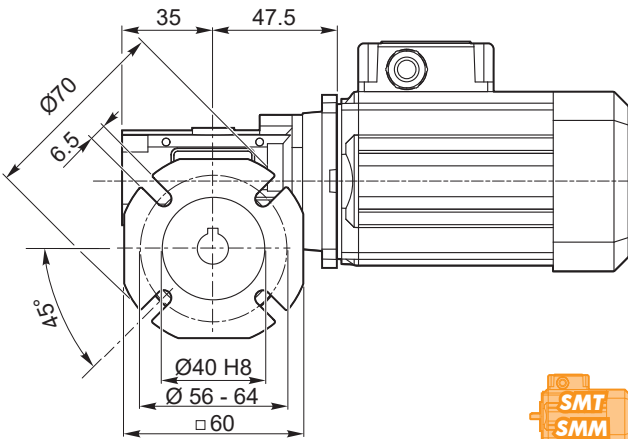




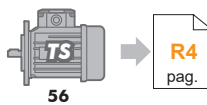
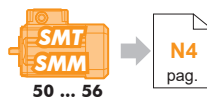
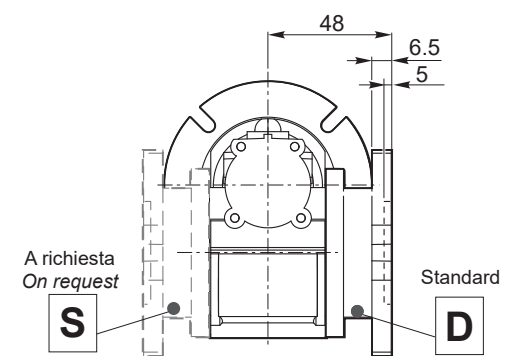
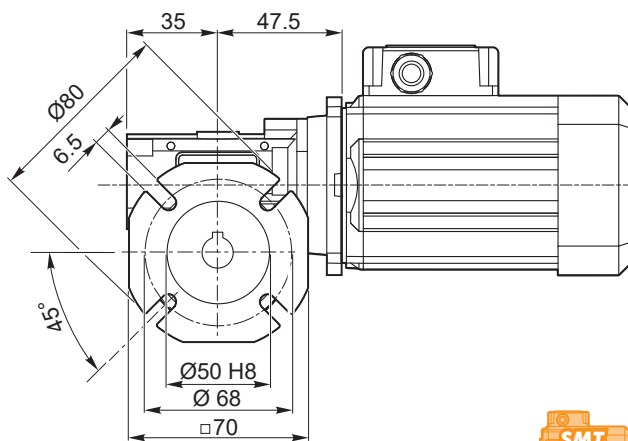
Dimensioni

Dimensions

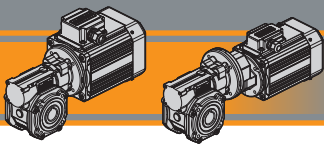
CL 026 F28



CL 026 F30



CL/CLP



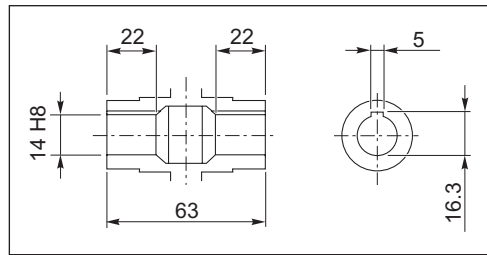
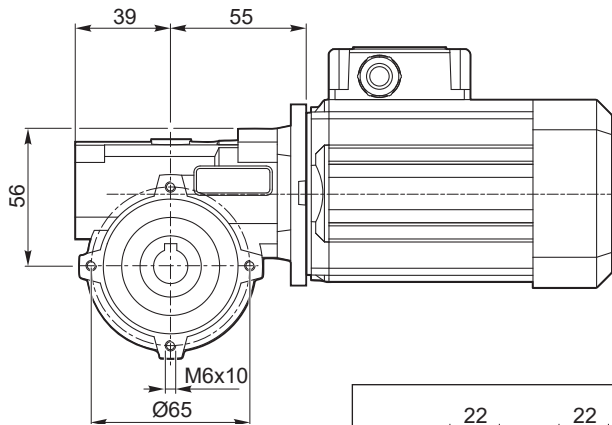
# CL / CLP

Motoriduttori a vite senza fine  
Wormgearmotors

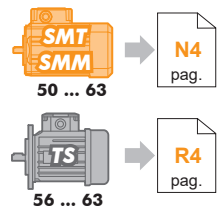
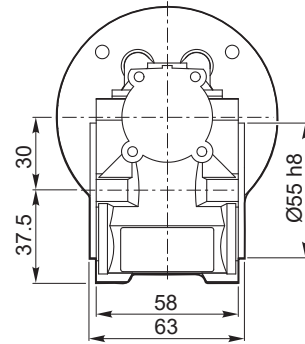
Dimensioni

Dimensions

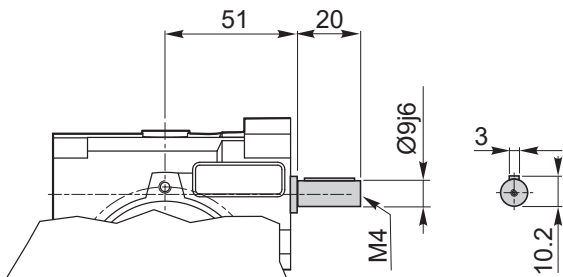
## CL 030 U



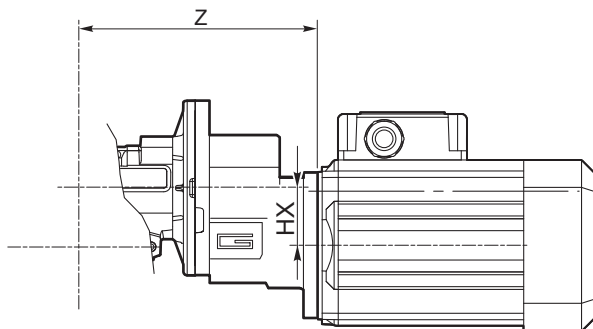
Albero lento cavo / Hollow output shaft




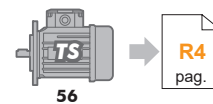
## CLIS 030 ..

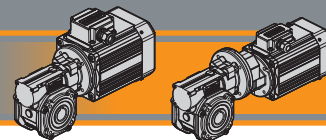


## CLP 050/030... CLP 056/030...



|                | HX   | Z   | Kg  |
|----------------|------|-----|--|
| <b>056/030</b> | 30.5 | 124 | 2.0  |



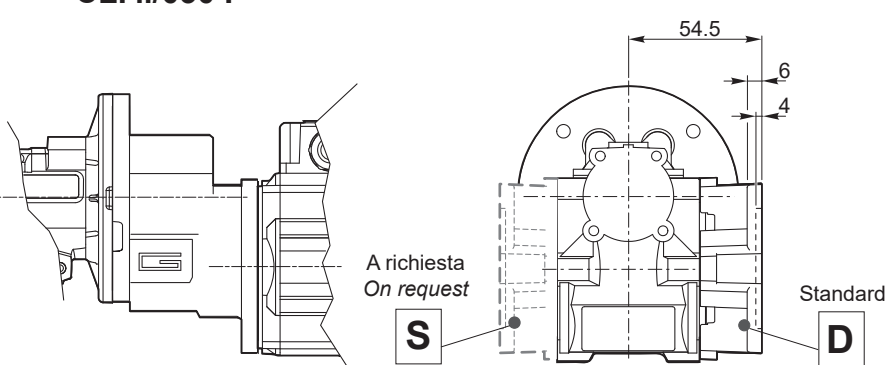
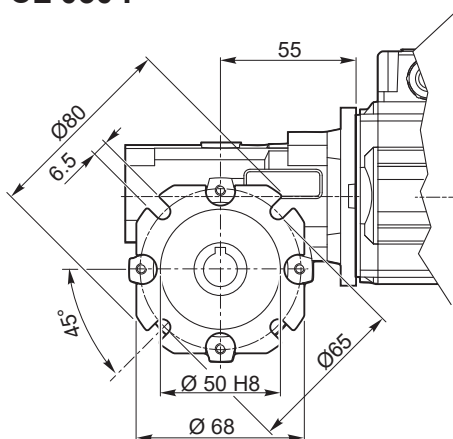


Dimensioni

Dimensions

CL 030 F

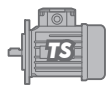
CLP../030 F



50 ... 63



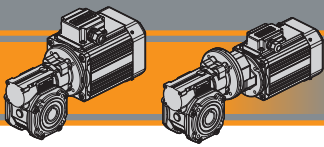
N4  
pag.



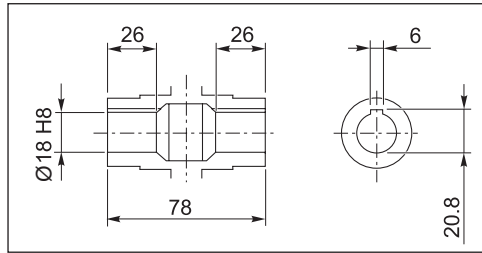
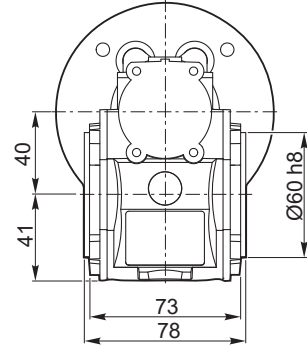
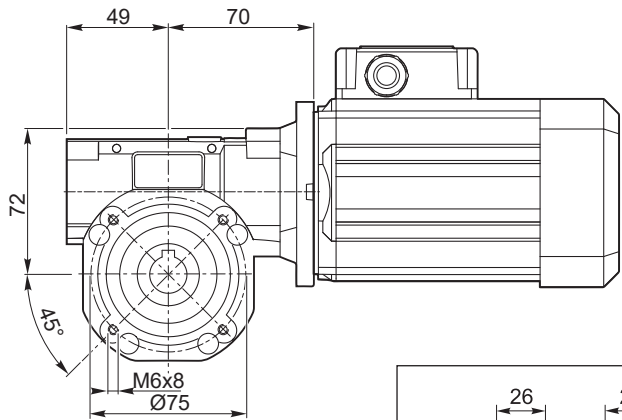
56 ... 63



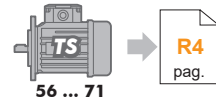
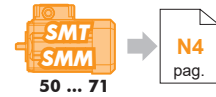
R4  
pag.



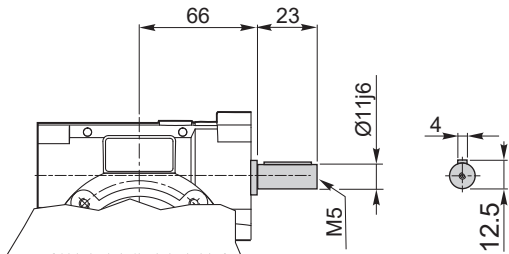
## CL 040 U



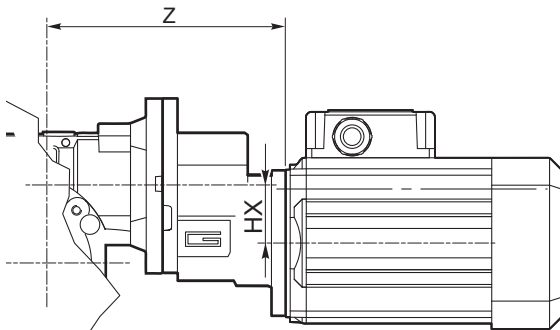
Albero lento cavo / Hollow output shaft




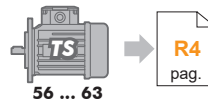
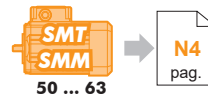
## CLIS 040 ..

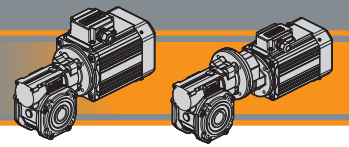


## CLP .../040 ...U



|         | HX   | Z   | Kg  |
|---------|------|-----|--|
| 056/040 | 30.5 | 139 | 3.0  |
| 063/040 | 30.5 | 142 | 3.1  |

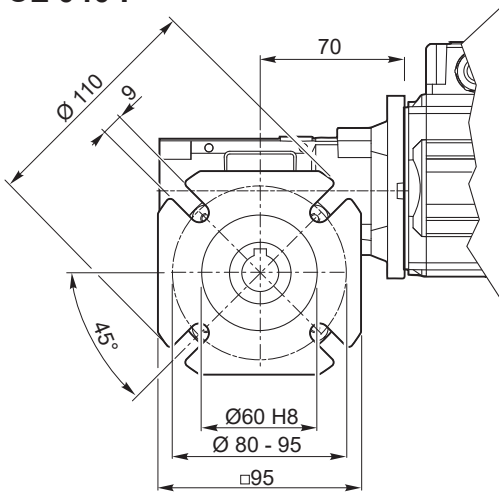




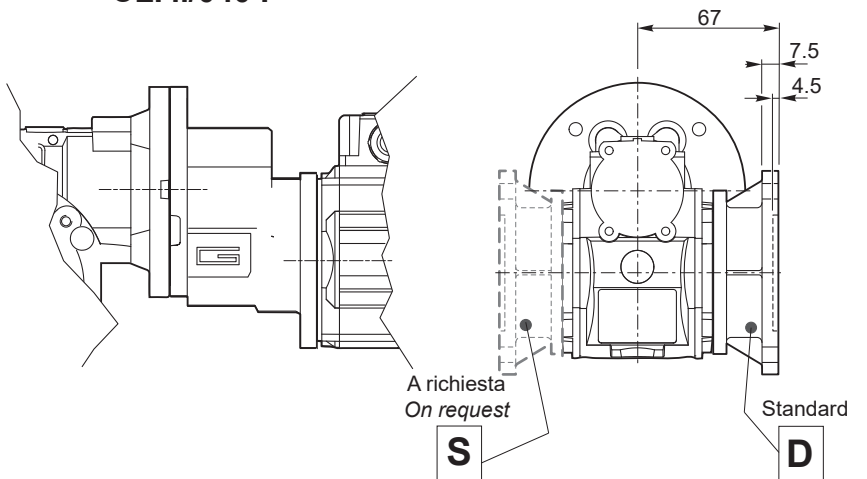
Dimensioni

Dimensions

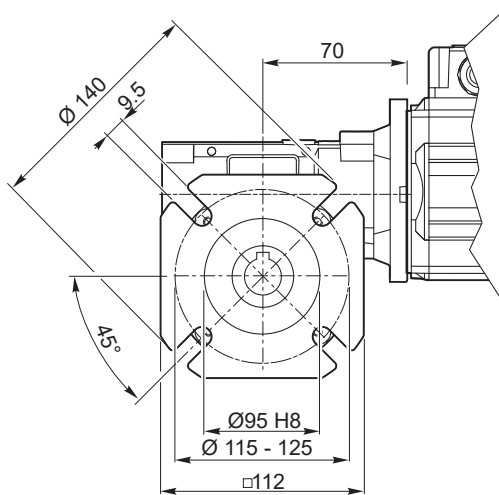
CL 040 F



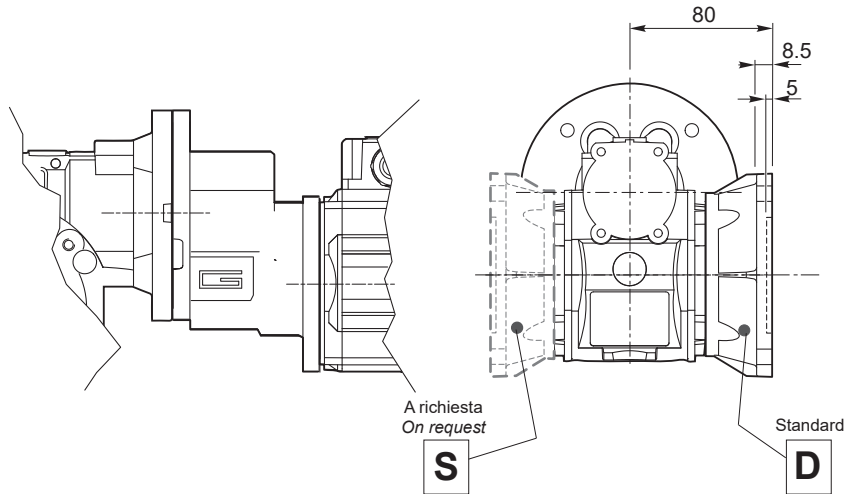
CLP../040 F



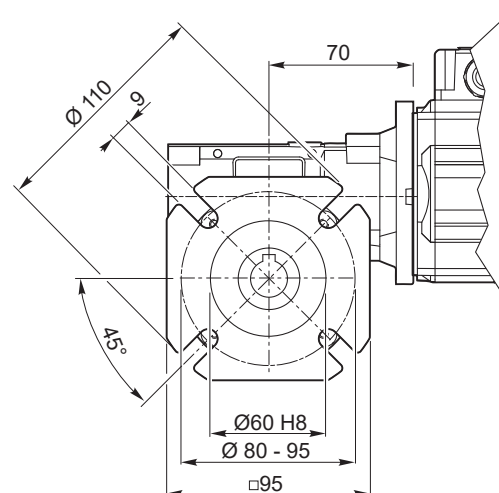
CL 040 FB



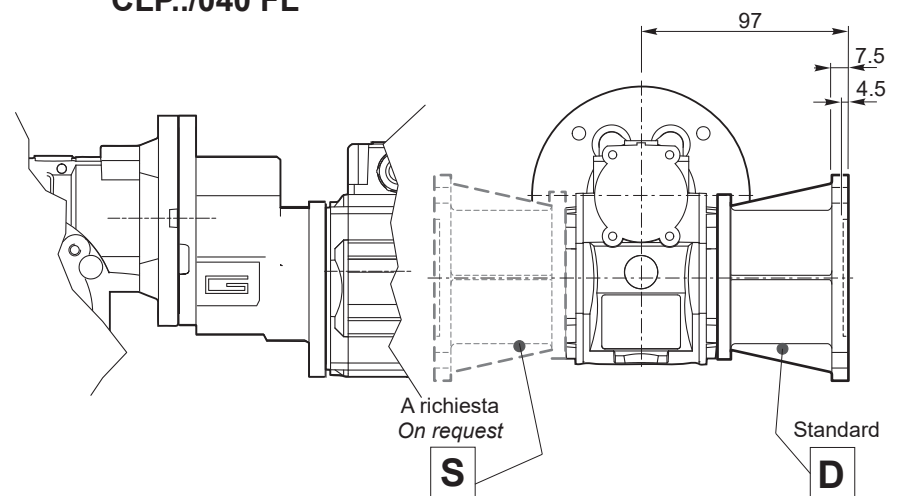
CLP../040 FB



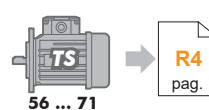
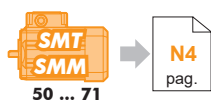
CL 040 FL

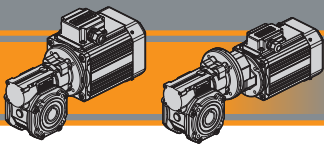


CLP../040 FL



CL/CLP





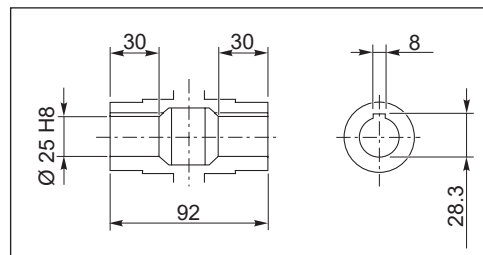
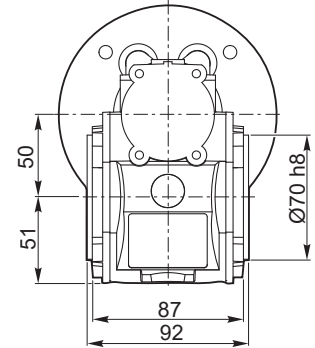
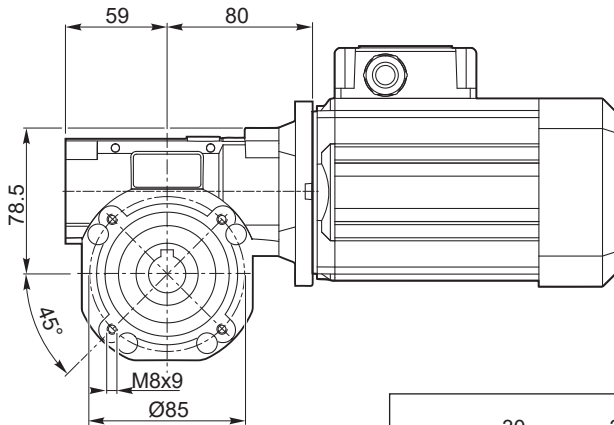
# CL / CLP

Motoriduttori a vite senza fine  
Wormgearmotors

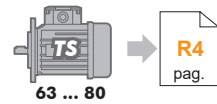
Dimensioni

Dimensions

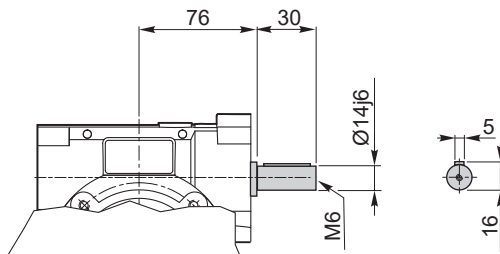
## CL 050 U



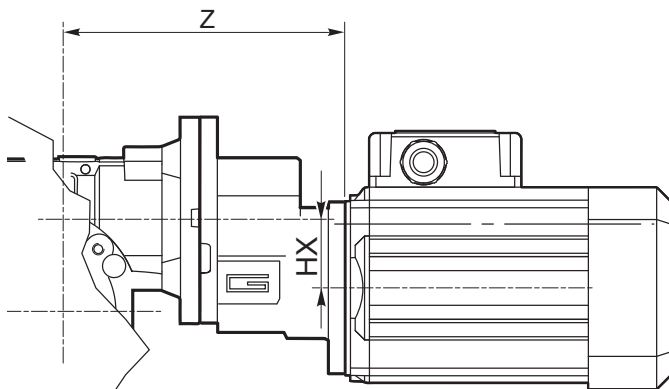
Albero lento cavo / Hollow output shaft



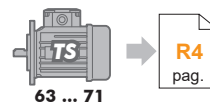
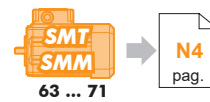
## CLIS 050 ..

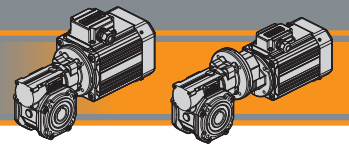


## CLP .../050 ...U



|         | HX   | Z   | Kg  |
|---------|------|-----|-----|
| 063/050 | 30.5 | 152 | 4.3 |
| 071/050 | 41   | 169 | 5.3 |



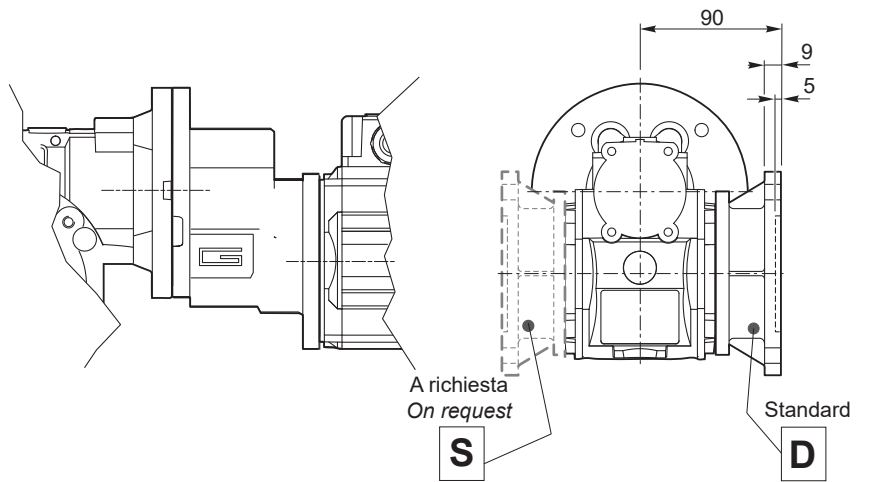
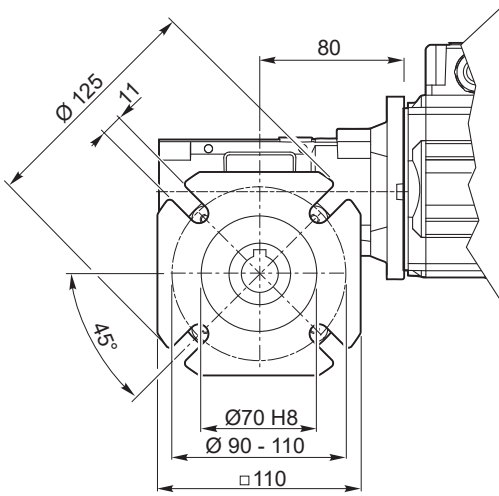


Dimensioni

Dimensions

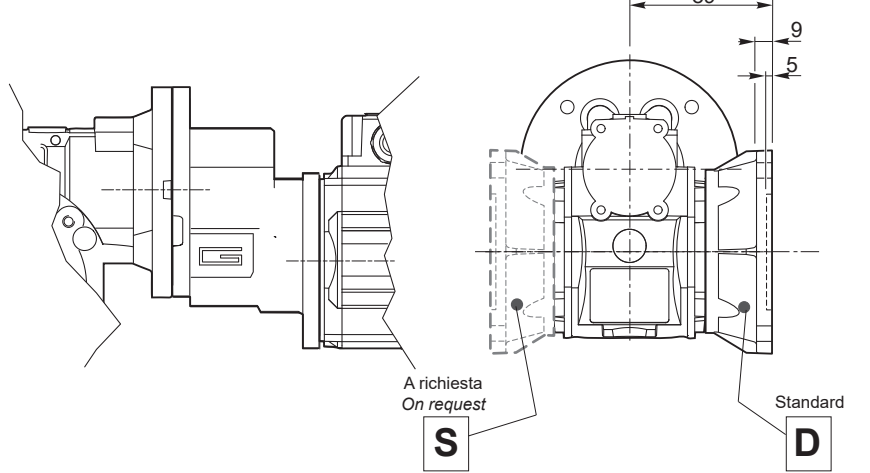
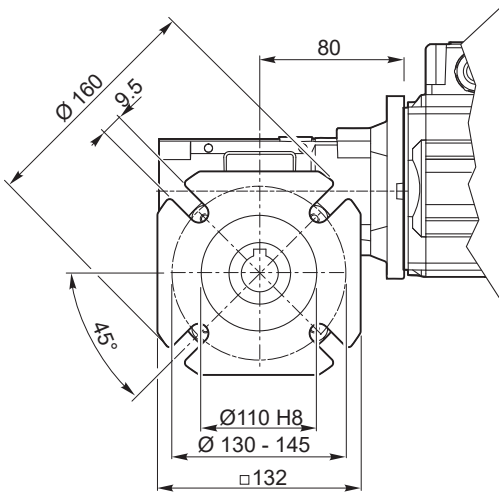
CL 050 F

CLP../050 F



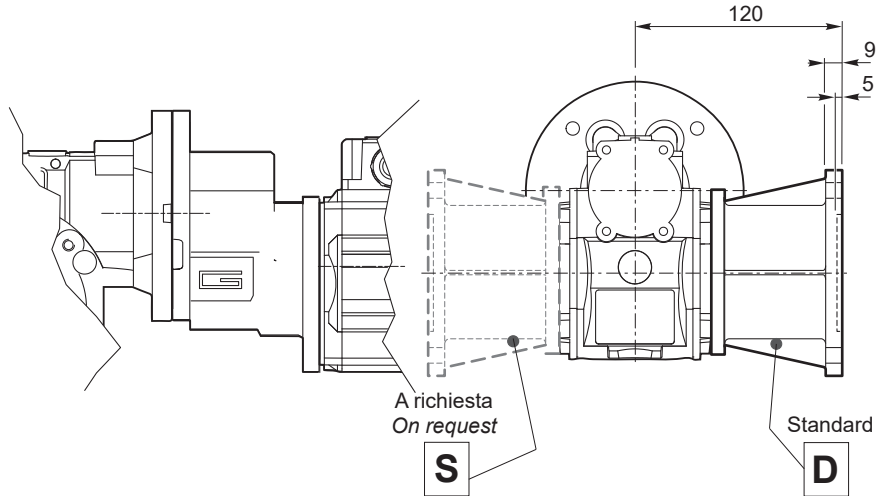
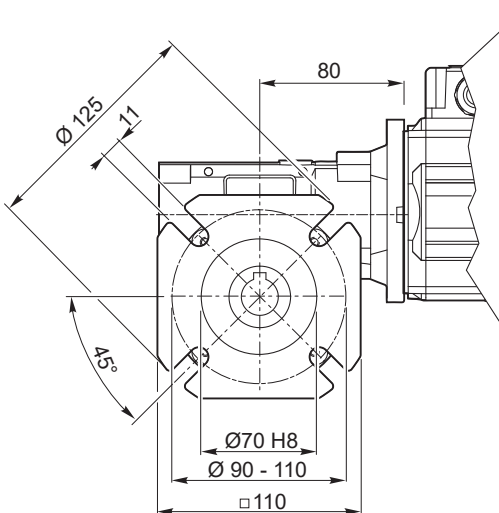
CL 050 FB

CLP../050 FB

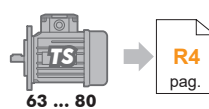
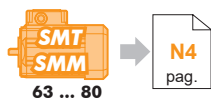


CL 050 FL

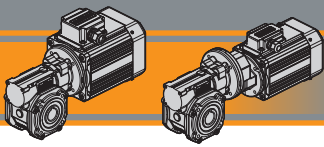
CLP../050 FL



CL/CLP



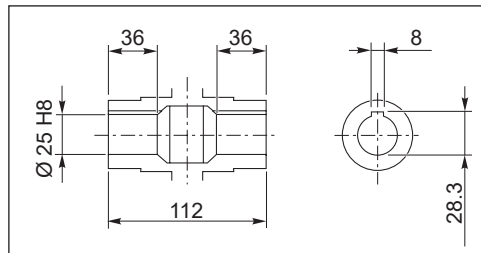
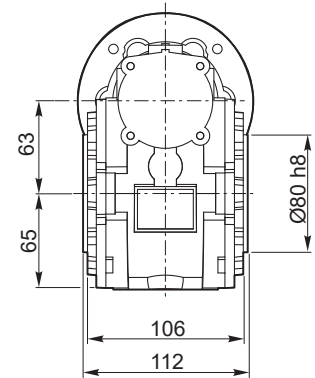
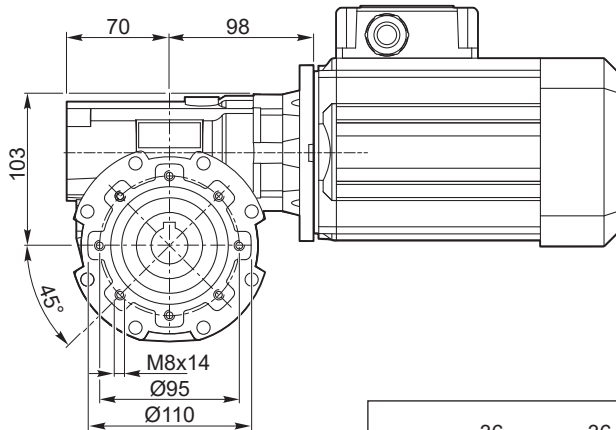




## Dimensioni

## Dimensions

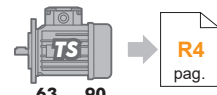
### CL 063 U



Albero lento cavo / Hollow output shaft

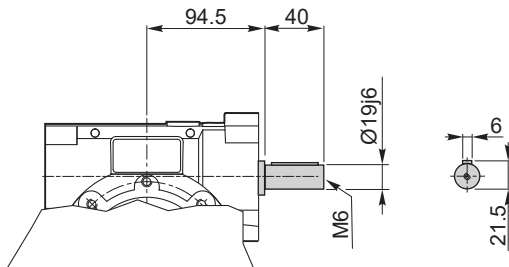


71 ... 90

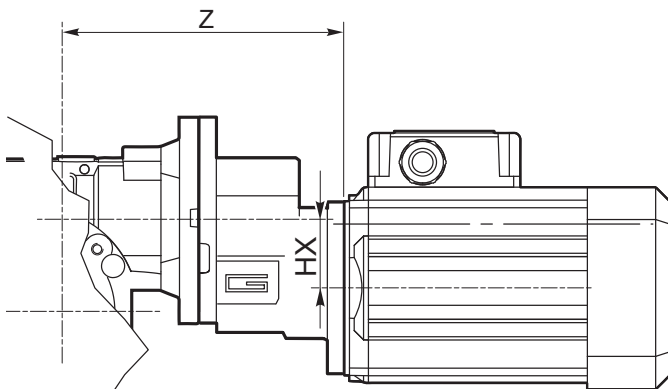


63 ... 90

### CLIS 063 ..



### CLP .../063 ...U



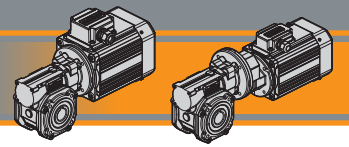
|         | HX   | Z   |     |
|---------|------|-----|-----|
| 063/063 | 30.5 | 170 | 7.2 |
| 071/063 | 41   | 187 | 8.2 |
| 080/063 | 41   | 198 | 9.0 |



63 ... 80



63 ... 80

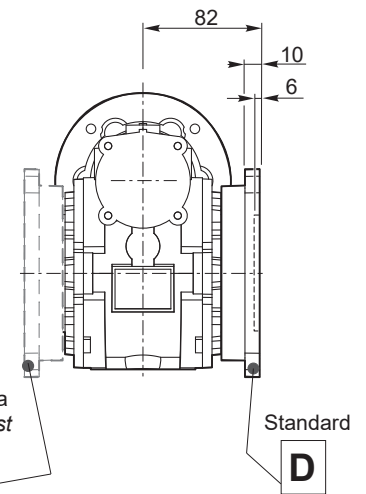
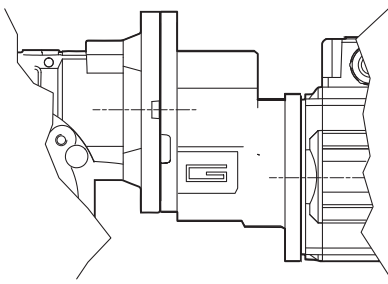
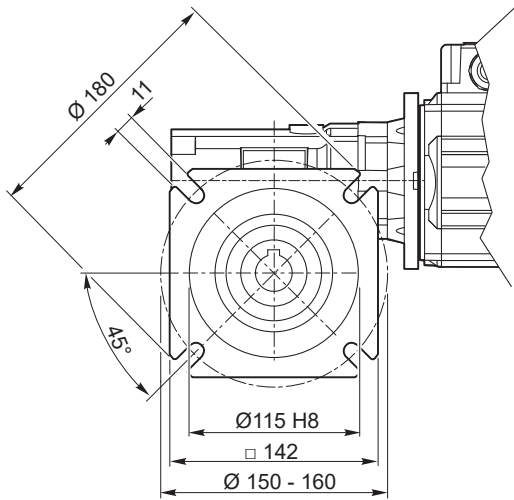


Dimensioni

Dimensions

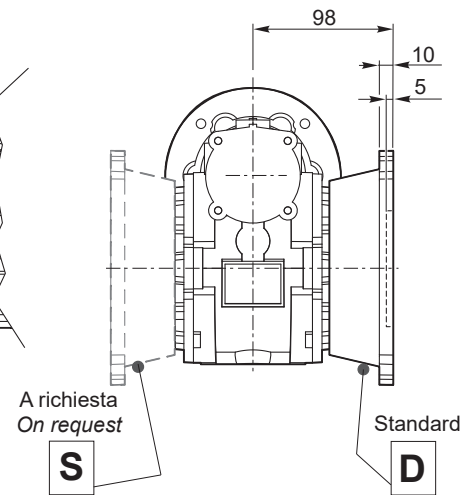
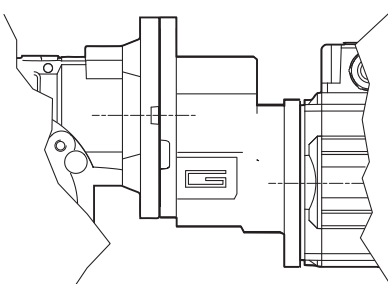
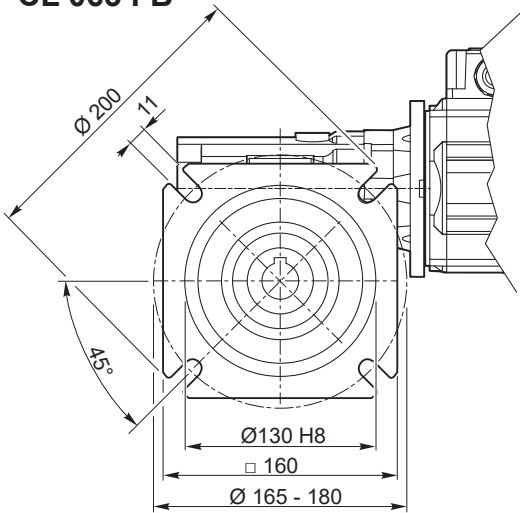
CL 063 F

CLP../063 F



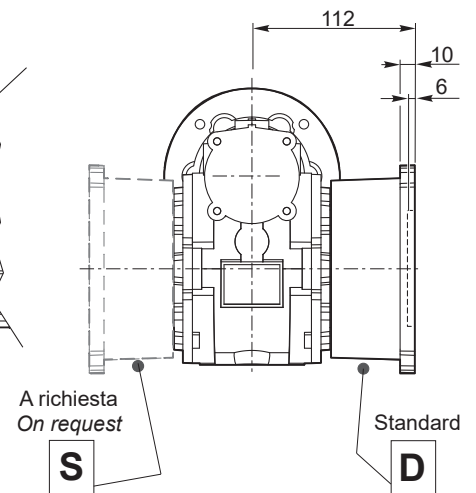
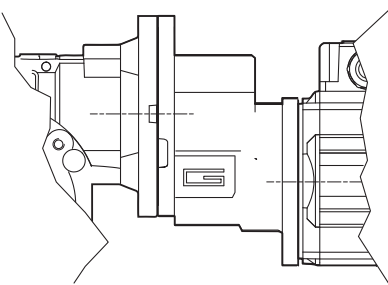
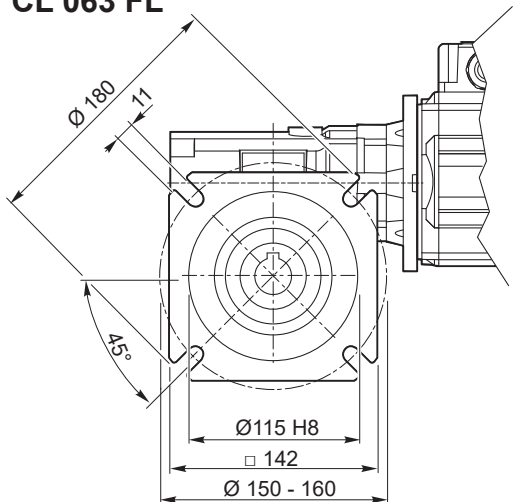
CL 063 FB

CLP../063 FB

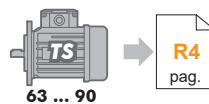
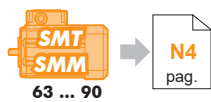


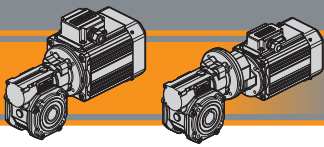
CL 063 FL

CLP../063 FL



CL/CLP





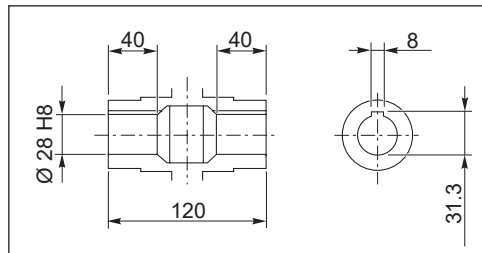
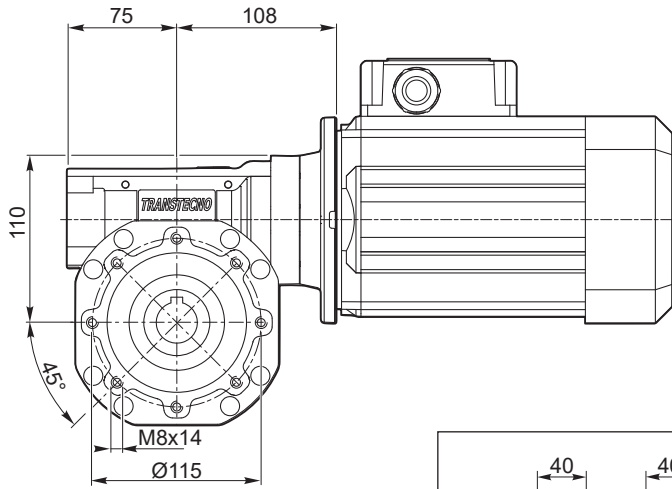
# CL / CLP

Motoriduttori a vite senza fine  
Wormgearmotors

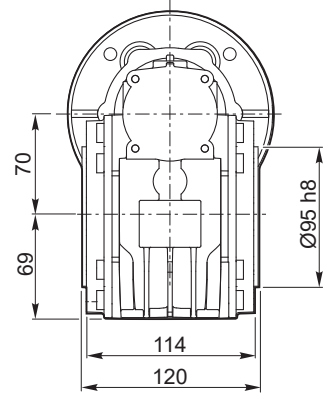
## Dimensioni

## Dimensions

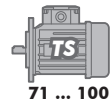
### CL 070 U



Albero lento cavo / Hollow output shaft

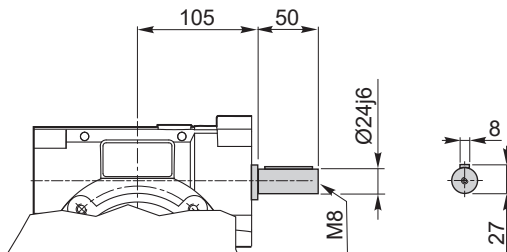


80 ... 90

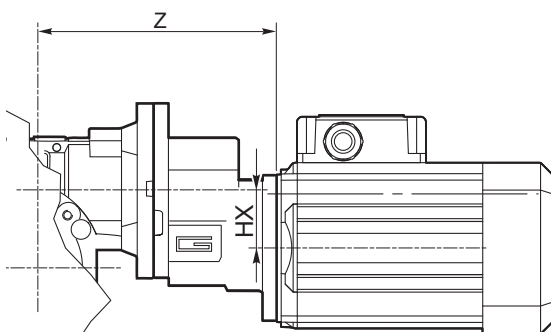




71 ... 100

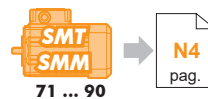
### CLIS 070...



### CLP .../070 ...U



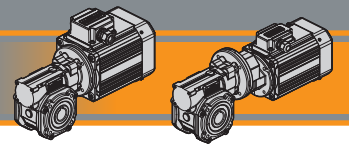
|         | HX   | Z   |  Kg  |
|---------|------|-----|--|
| 071/070 | 41   | 197 | 8.7  |
| 080/070 | 41   | 208 | 9.5  |
| 090/070 | 36.5 | 262 | 10.2   |



71 ... 90



71 ... 90

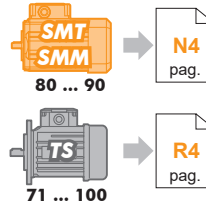
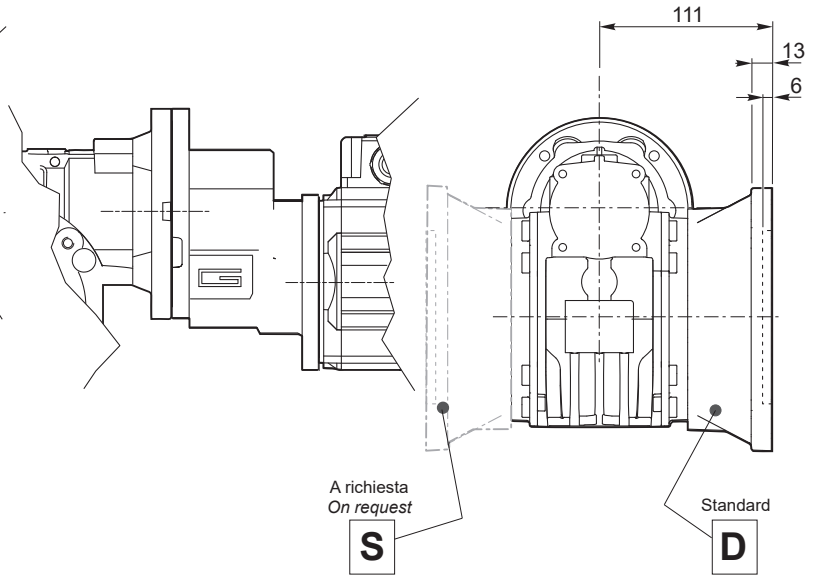
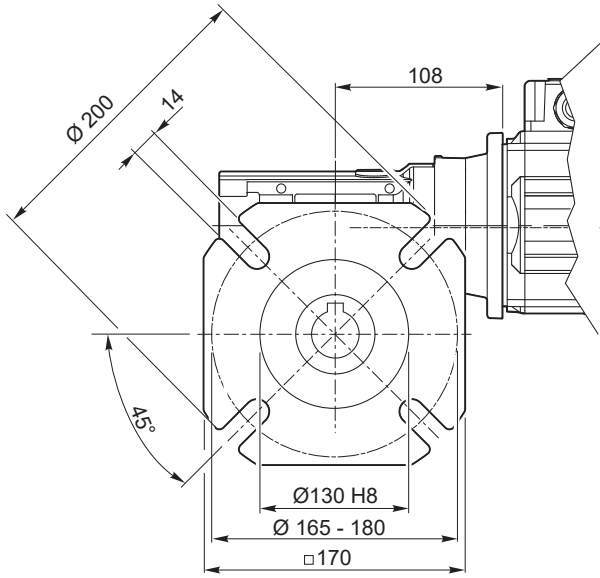


Dimensioni

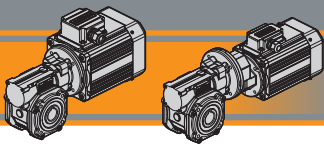
Dimensions

CL 070 F

CLP../070 F



CL/CLP

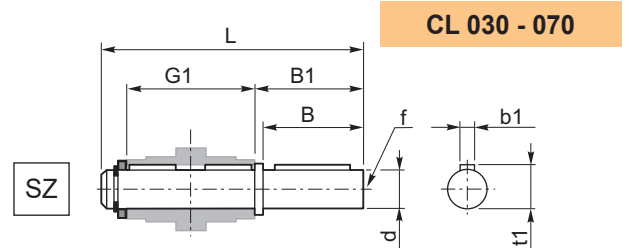
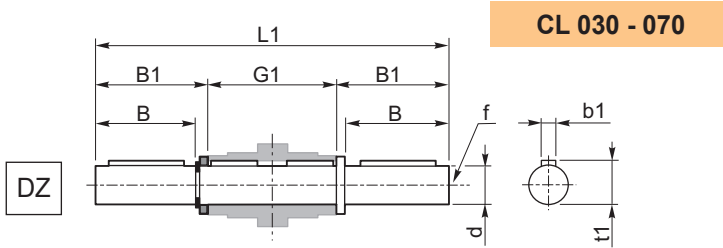


## Accessori

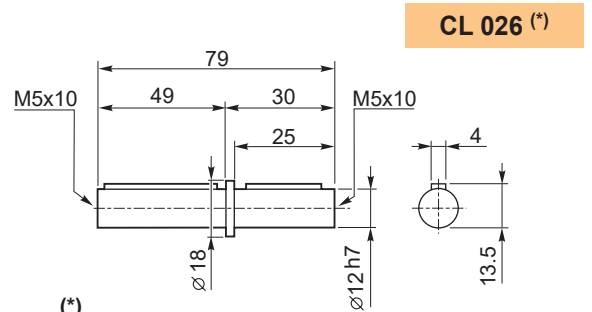
## Accessories

### Albero lento semplice e doppio

### Single and double output shaft



| CL  | CLP                           | d <sub>h7</sub> | B  | B1   | G1  | L   | L1  | f   | b1 | t1   |
|-----|-------------------------------|-----------------|----|------|-----|-----|-----|-----|----|------|
| 030 | 056/030                       | 14              | 30 | 32.5 | 63  | 102 | 128 | M6  | 5  | 16   |
| 040 | 056/040<br>063/040            | 18              | 40 | 43   | 78  | 128 | 164 | M6  | 6  | 20.5 |
| 050 | 063/050<br>071/050            | 25              | 50 | 53.5 | 92  | 153 | 199 | M10 | 8  | 28   |
| 063 | 063/063<br>071/063<br>080/063 | 25              | 50 | 53.5 | 112 | 173 | 219 | M10 | 8  | 28   |
| 070 | 071/070<br>080/070<br>090/070 | 28              | 60 | 63.5 | 120 | 192 | 247 | M10 | 8  | 31   |

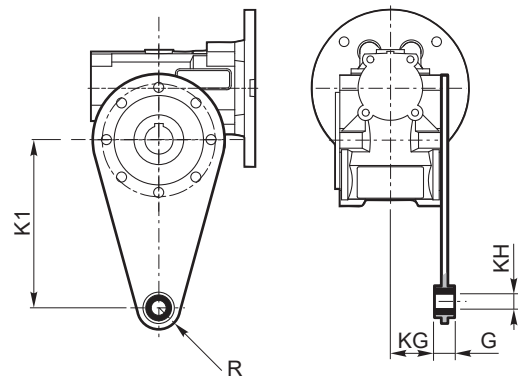


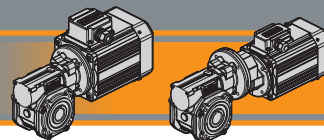
(\*)  
**Nota:** disponibile solo per cavo uscita Ø12  
**Note:** available for output hollow shaft Ø12 only

### KIT - Braccio di reazione

### KIT - Torque arm

| CL  | CLP                           | K1  | G  | KG   | KH | R  |
|-----|-------------------------------|-----|----|------|----|----|
| 030 | 056/030                       | 85  | 14 | 23   | 8  | 15 |
| 040 | 056/040<br>063/040            | 100 | 14 | 31   | 10 | 18 |
| 050 | 063/050<br>071/050            | 100 | 14 | 38   | 10 | 18 |
| 063 | 063/063<br>071/063<br>080/063 | 150 | 14 | 47.5 | 10 | 18 |
| 070 | 071/070<br>080/070<br>090/070 | 200 | 25 | 46.5 | 20 | 30 |



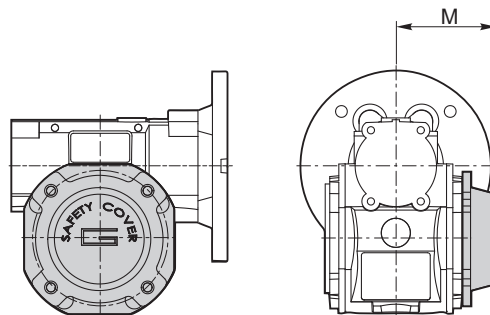


Accessori

Accessories

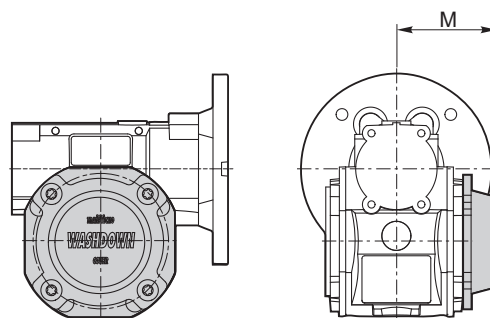
SC - Safety Cover

| CL  | CLP                           | M    |
|-----|-------------------------------|------|
| 030 | 056/030                       | 47   |
| 040 | 056/040<br>063/040            | 54.5 |
| 050 | 063/050<br>071/050            | 62.5 |
| 063 | 063/063<br>071/063<br>080/063 | 73   |
| 070 | 071/070<br>080/070<br>090/070 | 75   |



WD - Kit washdown cover

| CL   | CLP                           | M    |
|------|-------------------------------|------|
| 026* |                               | 37.5 |
| 030  | 056/030                       | 48   |
| 040  | 056/040<br>063/040            | 55.5 |
| 050  | 063/050<br>071/050            | 63.5 |
| 063  | 063/063<br>071/063<br>080/063 | 71.5 |
| 070  | 071/070<br>080/070<br>090/070 | 76   |



(\*)  
Nota: Viti escluse dalla fornitura  
Note: Screws not provided

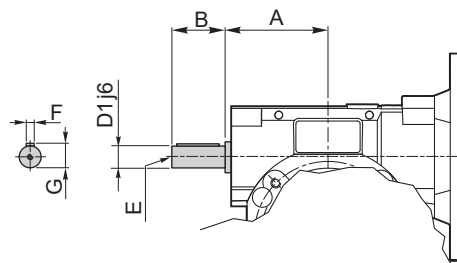
CL/CLP

Opzioni

Options

VS - Vite sporgente / Extended input shaft

| CL  | CLP                           | A  | B  | D <sub>1</sub><br>j6 | E  | F | G    |
|-----|-------------------------------|----|----|----------------------|----|---|------|
| 030 | 056/030                       | 45 | 20 | 9                    | M4 | 3 | 10.2 |
| 040 | 056/040<br>063/040            | 53 | 23 | 11                   | M5 | 4 | 12.5 |
| 050 | 063/050<br>071/050            | 64 | 30 | 14                   | M6 | 5 | 16   |
| 063 | 063/063<br>071/063<br>080/063 | 75 | 40 | 19                   | M6 | 6 | 21.5 |
| 070 | 071/070<br>080/070<br>090/070 | 84 | 40 | 19                   | M6 | 6 | 21.5 |



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