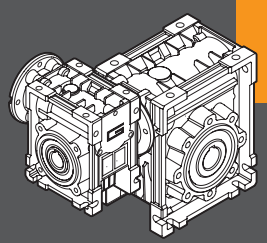
TRANSTECNO™

THE MODULAR GEARMOTOR

# CMM

CMM



## RIDUTTORI COMBINATI A VITE SENZA FINE

## COMBINATION WORMGEARBOXES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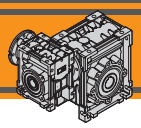





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## Caratteristiche tecniche — *Technical features*

I riduttori combinati a vite senza fine della serie CMM hanno le seguenti caratteristiche principali :

- Carcassa in alluminio nelle grandezze 026, 030, 040, 050, 063, 075, 090 e 110. La grandezza 130 è costruita con carcassa in ghisa;
- Le grandezze 090, 110 e 130 sono fornite con cuscinetti a rulli conici sulla vite;
- Lubrificazione permanente con olio sintetico.

*CMM range combination gearboxes have the following main features:*

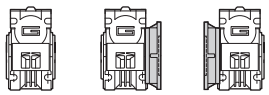
- Die-cast aluminum housing on sizes 026, 030, 040, 050, 063, 075, 090 and 110. Cast iron housing on size 130;
- Double taper roller bearing on sizes 090, 110 and 130;
- Permanent synthetic oil long-life lubrication.

## Designazione — *Designation*

RIDUTTORE / *GEARBOX*

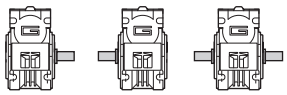
| CMM | 030/063 | FD | 20 | 71 | B5 | SZDX | BRSX | 90 | B3 | US1 | VS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Tipo *Type* | Grandezza *Size* | Versione *Version* | Rapporto *Ratio* | IEC | Forma costruttiva Version | Albero di uscita *Output shaft* | Braccio di reazione *Torque arm* | Angolo *Angle* | Pos. di montaggio Mounting position | *Esecuzione di montaggio Mounting execution* | Opzioni *Options* |
| **CMM**  **CMMIS**  | **026/026**<br>**026/030**<br>**026/040**<br>**026/050**<br>**030/040**<br>**030/050**<br>**030/063**<br>**040/075**<br>**040/090**<br>**050/110**<br>**063/130** | **U**<br>**FD**<br>**FS**<br>**FBD**<br>**FBS**<br>**FLD**<br>**FLS** | vedi tabelle-*see tables* | **56..**<br>**—**<br>**90..** | **B5**<br>**B14** | **SZDX**<br>**SZSX**<br>**DZ** | **BRDX**<br>**BRSX** | **0°**<br>**90°**<br>**180°**<br>**270°** | **B3**<br>**B8**<br>**B6**<br>**B7**<br>**V5**<br>**V6** | **UB1**<br>**UB2**<br>**US1**<br>**US2**<br>**UV1**<br>**UV2**<br>**UC1**<br>**UC2** | **VS1**<br>**VS2** |

Versione Riduttore *Gearbox Version*



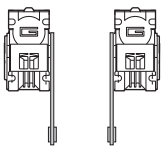
U — FD FLD FBD — FS FLS FBS

Albero di uscita *Output shaft*



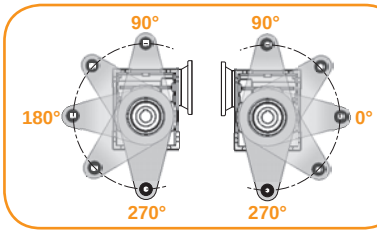
SZDX — SZSX — DZ

Braccio di reazione *Torque arm*

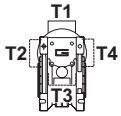


BRDX — BRSX

Angolo *Angle*




MOTORE CM / *CM MOTOR*

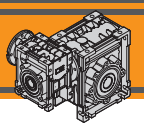
| 0.25kW | 4p | 3ph | 50Hz | T1 |
|---|---|---|---|---|
| Potenza *Power*  Vedi tabelle *See tables* | Poli *Poles* | Fasi *Phases* | Frequenza *Frequency* | Pos. morsettiera *Terminal box pos.* |
| | **2p**<br>**4p**<br>**6p**<br>**8p** | **1ph**<br>**3ph** | **50Hz**<br>**60Hz** | **T1** (standard)<br>**T2**<br>**T3**<br>**T4**  |



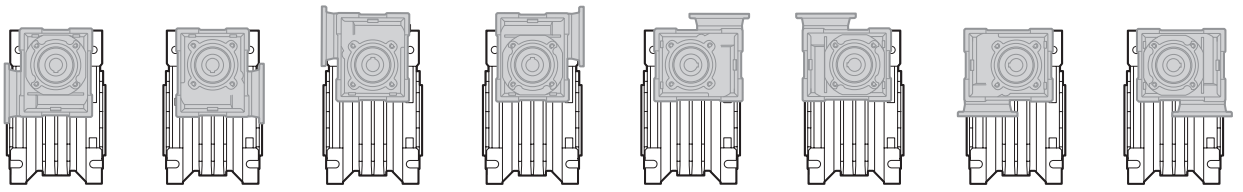
## Simbologia — *Symbols*

| | | |
|---|---|---|
| $n_1$ | [min$^{-1}$] | Velocità in ingresso / *Input speed* |
| $n_2$ | [min$^{-1}$] | Velocità in uscita / *Output speed* |
| i | | Rapporto di riduzione / *Ratio* |
| $P_1$ | [kW] | Potenza in entrata / *Input power* |

| | | |
|---|---|---|
| $M_2$ | [Nm] | Coppia in uscita in funzione di $P_1$ / *Output torque referred to $P_1$* |
| sf | | Fattore di servizio / *Service factor* |
| $R_2$ | [N] | Carico radiale ammissibile in uscita / *Permitted output radial load* |
| $A_2$ | N] | Carico assiale ammissibile in uscita / *Permitted output axial load* |



## Esecuzioni di montaggio — *Mounting executions*



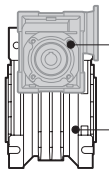
UB1 UB2 US1 US2 UV1 UV2 UC1 UC2

## Combinazioni rapporti — *Combination ratio*

| CMM 026/026 - CMM 026/030 - CMM 026/040 - CMM 026/050 | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | i ($i_1$ x $i_2$) | | | | | | | | | | | |
| | 150 | 225 | 300 | 450 | 600 | 900 | 1200 | 1500 | 1800 | 2400 | 3000 | 3600 |
| $i_1$ | 10 | 15 | 10 | 15 | 20 | 30 | 40 | 50 | 60 | 60 | 60 | 60 |
| $i_2$ | 15 | 15 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 40 | 50 | 60 |

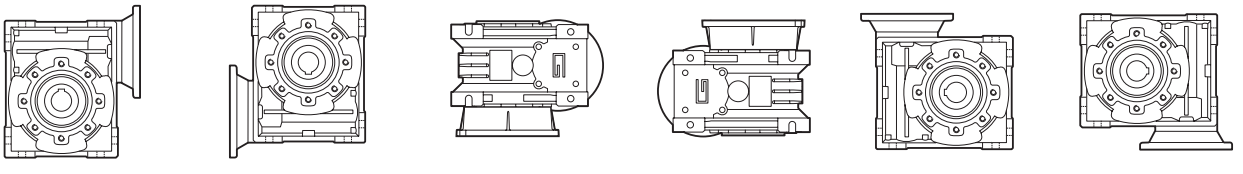
| CMM 030/040 - CMM 030/050 - CMM 030/063 - CMM 040/075 - CMM 040/090 - CMM 050/110 - CMM 063/130 | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | i ($i_1$ x $i_2$) | | | | | | | | | | | | | | |
| | 75 | 100 | 150 | 200 | 250 | 300 | 400 | 500 | 600 | 750 | 900 | 1200 | 1500 | 1800 | 2400 | 3000 |
| $i_1$ | 7.5 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 25 | 30 | 40 | 50 | 60 | 60 | 60 |
| $i_2$ | 10 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 30 | 30 | 30 | 30 | 30 | 30 | 40 | 50 |

## Lubrificazione — *Lubrication*



| | CMM | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 026/026 | 026/030 | 026/040 | 026/050 | 030/040 | 030/050 | 030/063 | 040/075 | 040/090 | 050/110 | 063/130 |
| 1 | 026 | | | | 030 | | | 040 | | 050 | 063 |
| | Lubrificazione a vita *Life lubricated* | | | | | | | | | | |
| 2 | 026 | 030 | 040 | 050 | 040 | 050 | 063 | 075 | 090 | 110 | 130 |
| | Lubrificazione a vita *Life lubricated* | | | | | | | | | | |

Posizioni di montaggio / *Mounting positions*



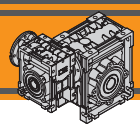
**B3** (standard) **B8** **B6** **B7** **V5** **V6**

| **Quantità di olio** (litri) / ***Oil quantity*** *(liters)* | | | | | | | |
|---|---|---|---|---|---|---|---|
| | B3 | B8 | B6 | B7 | V5 | V6 | |
| CM026 | 0.02 | | | | | | Lubrificati a vita *Life lubricated* |
| CM030 | 0.04 | | | | | | |
| CM040 | 0.07 | | | | | | |
| CM050 | 0.1 | | | | | | |
| CM063 | 0.25 | | | | | | |
| CM075 | 0.3 | | | | | | |
| CM090 | 0.85 | | | | | | |
| CM110 | 1.5 | | | | | | |
| CM130 | 4.5 | 3.3 | 3.5 | 3.5 | 4.5 | 3.3 | |

## Dati tecnici — *Technical data*

| $P_1$ [kW] | $n_2$ [$min^{-1}$] | $M_2$ [Nm] | sf | i | | IEC |
|---|---|---|---|---|---|---|
| **0.06** | | | | | | |
| 56A4 (1400 $min^{-1}$) | **9.3** | 26 | *1.0* | 150 | **CMM** | B14 |
| | **6.2** | 26 | *1.0* | 225 | **026/026** | B14 |
| | **4.7** | 27 | *1.0* | 300 | | B14 |
| | **3.1** | 27 | *1.0* | 450 | | B14 |
| | **2.3** | 27 | *1.0* | 600 | | B14 |
| | **1.6** | 27 | *1.0* | 900 | | B14 |
| | **1.2** | 27 | *1.0* | 1200 | | B14 |
| | **0.9** | 27 | *1.0* | 1500 | | B14 |
| | **0.8** | 27 | *1.0* | 1800 | | B14 |
| | **0.6** | 22 | *1.0* | 2400 | | B14 |
| | **0.5** | 20 | *1.0* | 3000 | | B14 |
| | **0.4** | 18 | *1.0* | 3600 | | B14 |
| | **9.3** | 34 | *1.1* | 150 | **CMM** | B14 |
| | **6.2** | 48 | *0.8* | 225 | **026/030** | B14 |
| | **4.7** | 40 | *1.0* | 300 | | B14 |
| | **3.1** | 40 | *1.0* | 450 | | B14 |
| | **2.3** | 40 | *1.0* | 600 | | B14 |
| | **1.6** | 40 | *1.0* | 900 | | B14 |
| | **1.2** | 40 | *1.0* | 1200 | | B14 |
| | **0.93** | 40 | *1.0* | 1500 | | B14 |
| | **0.78** | 40 | *1.0* | 1800 | | B14 |
| | **0.58** | 34 | *1.0* | 2400 | | B14 |
| | **0.47** | 30 | *1.0* | 3000 | | B14 |
| | **0.39** | 27 | *1.0* | 3600 | | B14 |
| | **9.3** | 35 | *2.5* | 150 | **CMM** | B14 |
| | **6.2** | 50 | *1.8* | 225 | **026/040** | B14 |
| | **4.7** | 58 | *1.5* | 300 | | B14 |
| | **3.1** | 82 | *1.1* | 450 | | B14 |
| | **2.3** | 104 | *0.9* | 600 | | B14 |
| | **1.6** | 90 | *1.0* | 900 | | B14 |
| | **1.2** | 90 | *1.0* | 1200 | | B14 |
| | **0.93** | 90 | *1.0* | 1500 | | B14 |
| | **0.78** | 90 | *1.0* | 1800 | | B14 |
| | **0.58** | 74 | *1.0* | 2400 | | B14 |
| | **0.47** | 68 | *1.0* | 3000 | | B14 |
| | **0.39** | 62 | *1.0* | 3600 | | B14 |
| | **9.3** | 37 | *4.4* | 150 | **CMM** | B14 |
| | **6.2** | 52 | *3.1* | 225 | **026/050** | B14 |
| | **4.7** | 59 | *2.7* | 300 | | B14 |
| | **3.1** | 83 | *1.9* | 450 | | B14 |
| | **2.3** | 105 | *1.5* | 600 | | B14 |
| | **1.6** | 141 | *1.1* | 900 | | B14 |
| | **1.2** | 162 | *1.0* | 1200 | | B14 |
| | **0.93** | 162 | *1.0* | 1500 | | B14 |
| | **0.78** | 162 | *1.0* | 1800 | | B14 |
| | **0.58** | 135 | *1.0* | 2400 | | B14 |
| | **0.47** | 125 | *1.0* | 3000 | | B14 |
| | **0.39** | 113 | *1.0* | 3600 | | B14 |
| | **18.7** | 20 | *4.3* | 75 | **CMM** | B5/B14 |
| | **14.0** | 26 | *3.3* | 100 | **030/040** | B5/B14 |
| | **9.3** | 36 | *2.4* | 150 | | B5/B14 |
| | **7.0** | 46 | *1.6* | 200 | | B5/B14 |
| | **5.6** | 55 | *1.2* | 250 | | B5/B14 |
| | **4.7** | 59 | *1.5* | 300 | | B5/B14 |
| | **3.5** | 72 | *1.0* | 400 | | B5/B14 |
| | **2.8** | 68 | *1.0* | 500 | | B5/B14 |
| | **2.3** | 90 | *1.0* | 600 | | B5/B14 |
| | **1.9** | 90 | *1.0* | 750 | | B5/B14 |
| | **1.6** | 90 | *1.0* | 900 | | B5/B14 |
| | **1.2** | 74 | *1.0* | 1200 | | B5/B14 |
| | **0.93** | 90 | *1.0* | 1500 | | B5/B14 |
| | **0.78** | 90 | *1.0* | 1800 | | B5/B14 |
| | **0.58** | 74 | *1.0* | 2400 | | B5/B14 |
| | **0.47** | 68 | *1.0* | 3000 | | B5/B14 |

| $P_1$ [kW] | $n_2$ [$min^{-1}$] | $M_2$ [Nm] | sf | i | | IEC |
|---|---|---|---|---|---|---|
| **0.06** | | | | | | |
| 56A4 (1400 $min^{-1}$) | **18.7** | 20 | *7.8* | 75 | **CMM** | B5/B14 |
| | **14.0** | 26 | *5.9* | 100 | **030/050** | B5/B14 |
| | **9.3** | 37 | *4.3* | 150 | | B5/B14 |
| | **7.0** | 47 | *2.9* | 200 | | B5/B14 |
| | **5.6** | 55 | *2.2* | 250 | | B5/B14 |
| | **4.7** | 60 | *2.7* | 300 | | B5/B14 |
| | **3.5** | 73 | *1.9* | 400 | | B5/B14 |
| | **2.8** | 83 | *1.5* | 500 | | B5/B14 |
| | **2.3** | 107 | *1.5* | 600 | | B5/B14 |
| | **1.9** | 128 | *1.3* | 750 | | B5/B14 |
| | **1.6** | 143 | *1.1* | 900 | | B5/B14 |
| | **1.2** | 174 | *0.8* | 1200 | | B5/B14 |
| | **0.93** | 207 | *0.8* | 1500 | | B5/B14 |
| | **0.78** | 162 | *1.0* | 1800 | | B5/B14 |
| | **0.58** | 135 | *1.0* | 2400 | | B5/B14 |
| | **0.47** | 125 | *1.0* | 3000 | | B5/B14 |
| | **2.8** | 86 | *2.7* | 500 | **CMM** | B5/B14 |
| | **2.3** | 111 | *2.8* | 600 | **030/063** | B5/B14 |
| | **1.9** | 133 | *2.3* | 750 | | B5/B14 |
| | **1.6** | 148 | *2.1* | 900 | | B5/B14 |
| | **1.2** | 178 | *1.5* | 1200 | | B5/B14 |
| | **0.93** | 214 | *1.5* | 1500 | | B5/B14 |
| | **0.78** | 243 | *1.3* | 1800 | | B5/B14 |
| | **0.58** | 292 | *0.9* | 2400 | | B5/B14 |
| | **0.47** | 338 | *0.7* | 3000 | | B5/B14 |
| | **0.93** | 232 | *2.2* | 1500 | **CMM** | B5/B14 |
| | **0.78** | 269 | *1.9* | 1800 | **040/075** | B5/B14 |
| | **0.58** | 325 | *1.3* | 2400 | | B5/B14 |
| | **0.47** | 377 | *1.0* | 3000 | | B5/B14 |
| | **0.58** | 348 | *2.2* | 2400 | **CMM** | B5/B14 |
| | **0.47** | 406 | *1.6* | 3000 | **040/090** | B5/B14 |
| **0.09** | | | | | | |
| 56B4 (1400 $min^{-1}$) | **9.3** | 53 | *1.6* | 150 | **CMM** | B14 |
| | **6.2** | 74 | *1.2* | 225 | **026/040** | B14 |
| | **4.7** | 87 | *1.0* | 300 | | |
| | **9.3** | 55 | *2.9* | 150 | **CMM** | B14 |
| | **6.2** | 78 | *2.1* | 225 | **026/050** | B14 |
| | **4.7** | 89 | *1.8* | 300 | | |
| | **3.1** | 125 | *1.3* | 450 | | |
| | **2.3** | 158 | *1.0* | 600 | | |
| | **18.7** | 29 | *2.9* | 75 | **CMM** | B5/B14 |
| | **14.0** | 39 | *2.2* | 100 | **030/040** | B5/B14 |
| | **9.3** | 53 | *1.6* | 150 | | B5/B14 |
| | **7.0** | 69 | *1.1* | 200 | | B5/B14 |
| | **5.6** | 83 | *0.8* | 250 | | B5/B14 |
| | **4.7** | 88 | *1.0* | 300 | | B5/B14 |
| | **18.7** | 30 | *5.2* | 75 | **CMM** | B5/B14 |
| | **14.0** | 39 | *4.0* | 100 | **030/050** | B5/B14 |
| | **9.3** | 56 | *2.9* | 150 | | B5/B14 |
| | **7.0** | 70 | *2.0* | 200 | | B5/B14 |
| | **5.6** | 83 | *1.5* | 250 | | B5/B14 |
| | **4.7** | 90 | *1.8* | 300 | | B5/B14 |
| | **3.5** | 109 | *1.2* | 400 | | B5/B14 |
| | **2.8** | 124 | *1.0* | 500 | | B5/B14 |
| | **2.3** | 160 | 1.0 | 600 | | B5/B14 |
| | **1.9** | 192 | 0.8 | 750 | | B5/B14 |
| | **1.6** | 215 | 0.8 | 900 | | B5/B14 |



## Dati tecnici — *Technical data*

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | sf | i | | IEC |
|---|---|---|---|---|---|---|
| **0.09** | | | | | | |
| 56B4 (1400 min$^{-1}$) | **7.0** | 69 | *3.8* | 200 | **CMM** | B5/B14 |
| | **5.6** | 81 | *2.8* | 250 | **030/063** | B5/B14 |
| | **4.7** | 93 | *3.3* | 300 | | B5/B14 |
| | **3.5** | 111 | *2.3* | 400 | | B5/B14 |
| | **2.8** | 129 | *1.8* | 500 | | B5/B14 |
| | **2.3** | 166 | *1.9* | 600 | | B5/B14 |
| | **1.9** | 199 | *1.6* | 750 | | B5/B14 |
| | **1.6** | 222 | *1.4* | 900 | | B5/B14 |
| | **1.2** | 267 | *1.0* | 1200 | | B5/B14 |
| | **0.93** | 320 | *1.0* | 1500 | | B5/B14 |
| | **0.78** | 365 | *0.9* | 1800 | | B5/B14 |
| | **0.93** | 348 | *1.5* | 1500 | **CMM** | B5/B14 |
| | **0.78** | 404 | *1.3* | 1800 | **040/075** | B5/B14 |
| | **0.58** | 487 | *0.9* | 2400 | | B5/B14 |
| | **0.47** | 378 | *1.0* | 3000 | | B5/B14 |
| | **0.8** | 423 | *2.1* | 1800 | **CMM** | B5/B14 |
| | **0.58** | 521 | *1.4* | 2400 | **040/090** | B5/B14 |
| | **0.47** | 609 | *1.0* | 3000 | | B5/B14 |
| **0.12** | | | | | | |
| 63A4 (1400 min$^{-1}$) | **18.7** | 39 | *2.1* | 75 | **CMM** | B5/B14 |
| | **14.0** | 52 | *1.6* | 100 | **030/040** | B5/B14 |
| | **9.3** | 71 | *1.2* | 150 | | B5/B14 |
| | **7.0** | 92 | *0.8* | 200 | | B5/B14 |
| | **5.6** | 67 | *1.0* | 250 | | B5/B14 |
| | **4.7** | 118 | *0.8* | 300 | | B5/B14 |
| | **18.7** | 40 | *3.9* | 75 | **CMM** | B5/B14 |
| | **14.0** | 52 | *3.0* | 100 | **030/050** | B5/B14 |
| | **9.3** | 74 | *2.2* | 150 | | B5/B14 |
| | **7.0** | 94 | *1.5* | 200 | | B5/B14 |
| | **5.6** | 110 | *1.1* | 250 | | B5/B14 |
| | **4.7** | 120 | *1.4* | 300 | | B5/B14 |
| | **3.5** | 146 | *0.9* | 400 | | B5/B14 |
| | **2.8** | 165 | *0.8* | 500 | | B5/B14 |
| | **2.3** | 214 | *0.8* | 600 | | B5/B14 |
| | **18.7** | 40 | *7.1* | 75 | **CMM** | B5/B14 |
| | **14.0** | 53 | *5.4* | 100 | **030/063** | B5/B14 |
| | **9.3** | 73 | *4.1* | 150 | | B5/B14 |
| | **7.0** | 92 | *2.8* | 200 | | B5/B14 |
| | **5.6** | 108 | *2.1* | 250 | | B5/B14 |
| | **4.7** | 124 | *2.5* | 300 | | B5/B14 |
| | **3.5** | 149 | *1.8* | 400 | | B5/B14 |
| | **2.8** | 172 | *1.3* | 500 | | B5/B14 |
| | **2.3** | 221 | *1.4* | 600 | | B5/B14 |
| | **1.9** | 265 | *1.2* | 750 | | B5/B14 |
| | **1.6** | 296 | *1.0* | 900 | | B5/B14 |
| | **1.2** | 260 | *1.0* | 1200 | | B5/B14 |
| | **0.93** | 310 | 1.0 | 1500 | | B5/B14 |
| | **4.7** | 130 | *3.9* | 300 | **CMM** | B5/B14 |
| | **3.5** | 157 | *2.8* | 400 | **040/075** | B5/B14 |
| | **2.8** | 182 | *2.1* | 500 | | B5/B14 |
| | **2.3** | 241 | *2.1* | 600 | | B5/B14 |
| | **1.9** | 286 | *1.8* | 750 | | B5/B14 |
| | **1.6** | 325 | *1.6* | 900 | | B5/B14 |
| | **1.2** | 392 | *1.1* | 1200 | | B5/B14 |
| | **0.93** | 464 | *1.1* | 1500 | | B5/B14 |
| | **0.78** | 538 | *0.9* | 1800 | | B5/B14 |
| | **2.8** | 196 | *3.2* | 500 | **CMM** | B5/B14 |
| | **2.3** | 253 | *3.5* | 600 | **040/090** | B5/B14 |
| | **1.9** | 300 | *2.9* | 750 | | B5/B14 |
| | **1.6** | 340 | *2.6* | 900 | | B5/B14 |

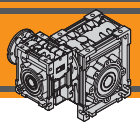
| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | sf | i | | IEC |
|---|---|---|---|---|---|---|
| **0.12** | | | | | | |
| | **1.2** | 419 | *1.8* | 1200 | **CMM** | B5/B14 |
| | **0.9** | 486 | *1.8* | 1500 | **040/090** | B5/B14 |
| | **0.8** | 564 | *1.6* | 1800 | | B5/B14 |
| | **0.58** | 695 | *1.1* | 2400 | | B5/B14 |
| | **0.47** | 812 | *0.8* | 3000 | | B5/B14 |
| | **0.9** | 518 | *2.9* | 1500 | **CMM** | B5/B14 |
| | **0.8** | 592 | *2.5* | 1800 | **050/110** | B5/B14 |
| | **0.6** | 766 | *1.7* | 2400 | | B5/B14 |
| | **0.5** | 899 | *1.3* | 3000 | | B5/B14 |
| **0.18** | | | | | | |
| 63B4 (1400 min$^{-1}$) | **18.7** | 59 | *1.4* | 75 | **CMM** | B5/B14 |
| | **14.0** | 77 | *1.1* | 100 | **030/040** | B5/B14 |
| | **9.3** | 107 | *0.8* | 150 | | B5/B14 |
| | **18.7** | 59 | *2.6* | 75 | **CMM** | B5/B14 |
| | **14.0** | 78 | *2.0* | 100 | **030/050** | B5/B14 |
| | **9.3** | 111 | *1.4* | 150 | | B5/B14 |
| | **7.0** | 140 | *1.0* | 200 | | B5/B14 |
| | **5.6** | 165 | *0.7* | 250 | | B5/B14 |
| | **4.7** | 179 | *0.9* | 300 | | B5/B14 |
| | **18.7** | 60 | *4.8* | 75 | **CMM** | B5/B14 |
| | **14.0** | 79 | *3.6* | 100 | **030/063** | B5/B14 |
| | **9.3** | 110 | *2.8* | 150 | | B5/B14 |
| | **7.0** | 138 | *1.9* | 200 | | B5/B14 |
| | **5.6** | 162 | *1.4* | 250 | | B5/B14 |
| | **4.7** | 186 | *1.7* | 300 | | B5/B14 |
| | **3.5** | 223 | *1.2* | 400 | | B5/B14 |
| | **2.8** | 258 | *0.9* | 500 | | B5/B14 |
| | **2.3** | 332 | *0.9* | 600 | | B5/B14 |
| | **1.9** | 398 | *0.8* | 750 | | B5/B14 |
| | **18.7** | 62 | *7.6* | 75 | **CMM** | B5/B14 |
| | **14.0** | 80 | *5.8* | 100 | **040/075** | B5/B14 |
| | **9.3** | 113 | *4.3* | 150 | | B5/B14 |
| | **7.0** | 142 | *3.0* | 200 | | B5/B14 |
| | **5.6** | 170 | *2.3* | 250 | | B5/B14 |
| | **4.7** | 195 | *2.6* | 300 | | B5/B14 |
| | **3.5** | 235 | *1.8* | 400 | | B5/B14 |
| | **2.8** | 273 | *1.4* | 500 | | B5/B14 |
| | **2.3** | 362 | *1.4* | 600 | | B5/B14 |
| | **1.9** | 429 | *1.2* | 750 | | B5/B14 |
| | **1.6** | 487 | *1.0* | 900 | | B5/B14 |
| | **2.8** | 294 | *2.2* | 500 | **CMM** | B5/B14 |
| | **2.3** | 379 | *2.3* | 600 | **040/090** | B5/B14 |
| | **1.9** | 450 | *2.0* | 750 | | B5/B14 |
| | **1.6** | 511 | *1.7* | 900 | | B5/B14 |
| | **1.2** | 629 | *1.2* | 1200 | | B5/B14 |
| | **0.9** | 729 | *1.2* | 1500 | | B5/B14 |
| | **0.8** | 846 | *1.0* | 1800 | | B5/B14 |
| | **1.2** | 690 | *1.9* | 1200 | **CMM** | B5/B14 |
| | **0.9** | 777 | *1.9* | 1500 | **050/110** | B5/B14 |
| | **0.8** | 888 | *1.7* | 1800 | | B5/B14 |
| | **0.6** | 1149 | *1.1* | 2400 | | B5/B14 |
| | **0.5** | 1348 | *0.9* | 3000 | | B5/B14 |
| **0.22** | | | | | | |
| 63C4 (1400 min$^{-1}$) | **18.7** | 72 | *1.2* | 75 | **CMM** | B5/B14 |
| | **14.0** | 95 | *0.9* | 100 | **030/040** | B5/B14 |
| | **18.7** | 73 | *2.1* | 75 | **CMM** | B5/B14 |
| | **14.0** | 96 | *1.6* | 100 | **030/050** | B5/B14 |
| | **9.3** | 136 | *1.2* | 150 | | B5/B14 |
| | **7.0** | 171 | *0.8* | 200 | | B5/B14 |

## Dati tecnici

## *Technical data*

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | sf | i |  | IEC |
|---|---|---|---|---|---|---|
| **0.22** | | | | | | |
| 63C4 (1400 min$^{-1}$) | **18.7** | 74 | *3.9* | 75 | **CMM** | B5/B14 |
| | **14.0** | 97 | *3.0* | 100 | **030/063** | B5/B14 |
| | **9.3** | 134 | *2.3* | 150 | | B5/B14 |
| | **7.0** | 169 | *1.5* | 200 | | B5/B14 |
| | **5.6** | 199 | *1.2* | 250 | | B5/B14 |
| | **4.7** | 227 | *1.4* | 300 | | B5/B14 |
| | **3.5** | 272 | *1.0* | 400 | | B5/B14 |
| | **2.8** | 315 | *0.7* | 500 | | B5/B14 |
| | **2.3** | 405 | *0.8* | 600 | | B5/B14 |
| | **18.7** | 76 | *6.2* | 75 | **CMM** | B5/B14 |
| | **14.0** | 98 | *4.8* | 100 | **040/075** | B5/B14 |
| | **9.3** | 138 | *3.5* | 150 | | B5/B14 |
| | **7.0** | 174 | *2.5* | 200 | | B5/B14 |
| | **5.6** | 208 | *1.8* | 250 | | B5/B14 |
| | **4.7** | 238 | *2.1* | 300 | | B5/B14 |
| | **3.5** | 287 | *1.5* | 400 | | B5/B14 |
| | **2.8** | 334 | *1.1* | 500 | | B5/B14 |
| | **2.3** | 442 | *1.2* | 600 | | B5/B14 |
| | **1.9** | 525 | *1.0* | 750 | | B5/B14 |
| | **1.6** | 596 | *0.9* | 900 | | B5/B14 |
| | **2.8** | 359 | *1.8* | 500 | **CMM** | B5/B14 |
| | **2.3** | 464 | *1.9* | 600 | **040/090** | B5/B14 |
| | **1.9** | 550 | *1.6* | 750 | | B5/B14 |
| | **1.6** | 624 | *1.4* | 900 | | B5/B14 |
| | **1.2** | 769 | *1.0* | 1200 | | B5/B14 |
| | **0.9** | 891 | *1.0* | 1500 | | B5/B14 |
| | **0.8** | 1034 | *0.8* | 1800 | | B5/B14 |
| | **1.2** | 843 | *1.6* | 1200 | **CMM** | B5/B14 |
| | **0.9** | 950 | *1.6* | 1500 | **050/110** | B5/B14 |
| | **0.8** | 1086 | *1.4* | 1800 | | B5/B14 |
| | **0.6** | 1405 | *0.9* | 2400 | | B5/B14 |
| **0.25** | | | | | | |
| 71A4 (1400 min$^{-1}$) | **18.7** | 86 | *5.5* | 75 | **CMM** | B5/B14 |
| | **14.0** | 112 | *4.2* | 100 | **040/075** | B5/B14 |
| | **9.3** | 157 | *3.1* | 150 | | B5/B14 |
| | **7.0** | 198 | *2.2* | 200 | | B5/B14 |
| | **5.6** | 236 | *1.6* | 250 | | B5/B14 |
| | **4.7** | 271 | *1.9* | 300 | | B5/B14 |
| | **3.5** | 327 | *1.3* | 400 | | B5/B14 |
| | **2.8** | 380 | *1.0* | 500 | | B5/B14 |
| | **2.3** | 503 | *1.0* | 600 | | B5/B14 |
| | **1.9** | 596 | *0.9* | 750 | | B5/B14 |
| | **1.6** | 677 | *0.8* | 900 | | B5/B14 |
| | **5.6** | 247 | *2.7* | 250 | **CMM** | B5/B14 |
| | **4.7** | 284 | *3.1* | 300 | **040/090** | B5/B14 |
| | **3.5** | 350 | *2.2* | 400 | | B5/B14 |
| | **2.8** | 408 | *1.6* | 500 | | B5/B14 |
| | **2.3** | 527 | *1.7* | 600 | | B5/B14 |
| | **1.9** | 625 | *1.4* | 750 | | B5/B14 |
| | **1.6** | 709 | *1.2* | 900 | | B5/B14 |
| | **1.2** | 874 | *0.9* | 1200 | | B5/B14 |
| | **0.9** | 1013 | *0.9* | 1500 | | B5/B14 |
| | **3.5** | 377 | *3.5* | 400 | **CMM** | B5/B14 |
| | **2.8** | 442 | *2.6* | 500 | **050/110** | B5/B14 |
| | **2.3** | 542 | *2.7* | 600 | | B5/B14 |
| | **1.9** | 651 | *2.3* | 750 | | B5/B14 |
| | **1.6** | 740 | *2.0* | 900 | | B5/B14 |
| | **1.2** | 958 | *1.4* | 1200 | | B5/B14 |
| | **0.9** | 1080 | *1.4* | 1500 | | B5/B14 |

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | sf | i |  | IEC |
|---|---|---|---|---|---|---|
| **0.25** | | | | | | |
| 71A4 (1400 min$^{-1}$) | **0.8** | 1234 | *1.2* | 1800 | **CMM** | B5/B14 |
| | **0.6** | 1596 | *0.8* | 2400 | **050/110** | B5/B14 |
| | **1.2** | 967 | *1.9* | 1200 | **CMM** | B5/B14 |
| | **0.9** | 1114 | *1.9* | 1500 | **063/130** | B5/B14 |
| | **0.8** | 1276 | *1.6* | 1800 | | B5/B14 |
| | **0.6** | 1624 | *1.1* | 2400 | | B5/B14 |
| | **0.5** | 1966 | *0.8* | 3000 | | B5/B14 |
| **0.37** | | | | | | |
| 71B4 (1400 min$^{-1}$) | **18.7** | 127 | *3.7* | 75 | **CMM** | B5/B14 |
| | **14.0** | 165 | *2.8* | 100 | **040/075** | B5/B14 |
| | **9.3** | 232 | *2.1* | 150 | | B5/B14 |
| | **7.0** | 293 | *1.5* | 200 | | B5/B14 |
| | **5.6** | 350 | *1.1* | 250 | | B5/B14 |
| | **4.7** | 401 | *1.3* | 300 | | B5/B14 |
| | **3.5** | 483 | *0.9* | 400 | | B5/B14 |
| | **18.7** | 130 | *5.4* | 75 | **CMM** | B5/B14 |
| | **14.0** | 170 | *4.1* | 100 | **040/090** | B5/B14 |
| | **9.3** | 239 | *3.4* | 150 | | B5/B14 |
| | **7.0** | 305 | *2.5* | 200 | | B5/B14 |
| | **5.6** | 366 | *1.8* | 250 | | B5/B14 |
| | **4.7** | 420 | *2.1* | 300 | | B5/B14 |
| | **3.5** | 517 | *1.5* | 400 | | B5/B14 |
| | **2.8** | 604 | *1.1* | 500 | | B5/B14 |
| | **2.3** | 780 | *1.1* | 600 | | B5/B14 |
| | **1.9** | 925 | *0.9* | 750 | | B5/B14 |
| | **1.6** | 1049 | *0.8* | 900 | | B5/B14 |
| | **5.6** | 386 | *3.1* | 250 | **CMM** | B5/B14 |
| | **4.7** | 431 | *3.4* | 300 | **050/110** | B5/B14 |
| | **3.5** | 558 | *2.4* | 400 | | B5/B14 |
| | **2.8** | 654 | *1.8* | 500 | | B5/B14 |
| | **2.3** | 802 | *1.8* | 600 | | B5/B14 |
| | **1.9** | 964 | *1.5* | 750 | | B5/B14 |
| | **1.6** | 1096 | *1.4* | 900 | | B5/B14 |
| | **1.2** | 1417 | *0.9* | 1200 | | B5/B14 |
| | **0.9** | 1598 | *0.9* | 1500 | | B5/B14 |
| | **0.8** | 1826 | *0.8* | 1800 | | B5/B14 |
| | **1.2** | 1431 | *1.3* | 1200 | **CMM** | B5/B14 |
| | **0.9** | 1649 | *1.3* | 1500 | **063/130** | B5/B14 |
| | **0.8** | 1889 | *1.1* | 1800 | | B5/B14 |
| | **0.6** | 2404 | *0.8* | 2400 | | B5/B14 |
| **0.55** | | | | | | |
| 71C4 (1400 min$^{-1}$) | **18.7** | 189 | *2.5* | 75 | **CMM** | B5/B14 |
| | **14.0** | 246 | *1.9* | 100 | **040/075** | B5/B14 |
| | **9.3** | 345 | *1.4* | 150 | | B5/B14 |
| | **7.0** | 435 | *1.0* | 200 | | B5/B14 |
| | **5.6** | 520 | *0.7* | 250 | | B5/B14 |
| | **4.7** | 596 | *0.9* | 300 | | B5/B14 |
| | **18.7** | 194 | *3.6* | 75 | **CMM** | B5/B14 |
| | **14.0** | 252 | *2.8* | 100 | **040/090** | B5/B14 |
| | **9.3** | 355 | *2.3* | 150 | | B5/B14 |
| | **7.0** | 454 | *1.7* | 200 | | B5/B14 |
| | **5.6** | 544 | *1.2* | 250 | | B5/B14 |
| | **4.7** | 624 | *1.4* | 300 | | B5/B14 |
| | **3.5** | 769 | *1.0* | 400 | | B5/B14 |
| | **2.8** | 898 | *0.7* | 500 | | B5/B14 |
| | **2.3** | 1159 | *0.8* | 600 | | B5/B14 |
| | **5.6** | 574 | *2.1* | 250 | **CMM** | B5/B14 |
| | **4.7** | 641 | *2.3* | 300 | **050/110** | B5/B14 |
| | **3.5** | 829 | *1.6* | 400 | | B5/B14 |



## Dati tecnici

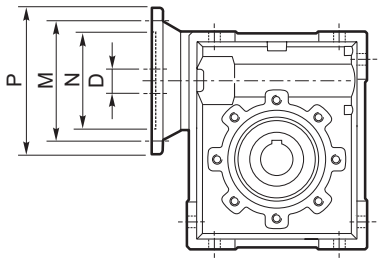
*Technical data*

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | sf | i | | IEC |
|---|---|---|---|---|---|---|
| **0.55** | | | | | | |
| 71C4 (1400 min$^{-1}$) | **2.8** | 973 | *1.2* | 500 | **CMM** | B5/B14 |
| | **2.3** | 1191 | *1.2* | 600 | **050/110** | B5/B14 |
| | **1.9** | 1433 | *1.0* | 750 | | B5/B14 |
| | **1.6** | 1629 | *0.9* | 900 | | B5/B14 |
| | **1.2** | 2127 | *0.9* | 1200 | **CMM** | B5/B14 |
| | **0.9** | 2451 | *0.8* | 1500 | **063/130** | B5/B14 |
| 80A4 (1400 min$^{-1}$) | **18.7** | 198 | *6.3* | 75 | **CMM** | B5/B14 |
| | **14.0** | 258 | *4.8* | 100 | **050/110** | B5/B14 |
| | **9.3** | 364 | *3.7* | 150 | | B5/B14 |
| | **7.0** | 478 | *2.7* | 200 | | B5/B14 |
| | **5.6** | 574 | *2.1* | 250 | | B5/B14 |
| | **4.7** | 641 | *2.3* | 300 | | B5/B14 |
| | **3.5** | 829 | *1.6* | 400 | | B5/B14 |
| | **2.8** | 973 | *1.2* | 500 | | B5/B14 |
| | **2.3** | 1191 | *1.2* | 600 | | B5/B14 |
| | **1.9** | 1433 | *1.0* | 750 | | B5/B14 |
| | **1.6** | 1629 | *0.9* | 900 | | B5/B14 |
| | **5.6** | 589 | *2.8* | 250 | **CMM** | B5/B14 |
| | **4.7** | 639 | *3.2* | 300 | **063/130** | B5/B14 |
| | **3.5** | 813 | *2.2* | 400 | | B5/B14 |
| | **2.8** | 984 | *1.6* | 500 | | B5/B14 |
| | **2.3** | 1203 | *1.7* | 600 | | B5/B14 |
| | **1.9** | 1449 | *1.4* | 750 | | B5/B14 |
| | **1.6** | 1671 | *1.2* | 900 | | B5/B14 |
| | **1.2** | 2127 | *0.9* | 1200 | | B5/B14 |
| | **0.9** | 2451 | *0.8* | 1500 | | B5/B14 |
| **0.75** | | | | | | |
| 80B4 (1400 min$^{-1}$) | **18.7** | 270 | *4.6* | 75 | **CMM** | B5/B14 |
| | **14.0** | 352 | *3.5* | 100 | **050/110** | B5/B14 |
| | **9.3** | 496 | *2.7* | 150 | | B5/B14 |
| | **7.0** | 652 | *2.0* | 200 | | B5/B14 |
| | **5.6** | 783 | *1.5* | 250 | | B5/B14 |
| | **4.7** | 874 | *1.7* | 300 | | B5/B14 |
| | **3.5** | 1131 | *1.2* | 400 | | B5/B14 |
| | **2.8** | 1326 | *0.9* | 500 | | B5/B14 |
| | **2.3** | 1625 | *0.9* | 600 | | B5/B14 |
| | **1.9** | 1954 | *0.8* | 750 | | B5/B14 |
| | **7.0** | 660 | *2.7* | 200 | **CMM** | B5/B14 |
| | **5.6** | 803 | *2.0* | 250 | **063/130** | B5/B14 |
| | **4.7** | 871 | *2.4* | 300 | | B5/B14 |
| | **3.5** | 1109 | *1.6* | 400 | | B5/B14 |
| | **2.8** | 1342 | *1.2* | 500 | | B5/B14 |
| | **2.3** | 1641 | *1.3* | 600 | | B5/B14 |
| | **1.9** | 1975 | *1.0* | 750 | | B5/B14 |
| | **1.6** | 2279 | *0.9* | 900 | | B5/B14 |
| **1.1** | | | | | | |
| 80C4 (1400 min$^{-1}$) | **18.7** | 397 | *3.1* | 75 | **CMM** | B5/B14 |
| | **14.0** | 517 | *2.4* | 100 | **050/110** | 80C4 |
| | **9.3** | 727 | *1.9* | 150 | | 80C4 |
| | **7.0** | 957 | *1.4* | 200 | | 80C4 |
| | **5.6** | 1148 | *1.0* | 250 | | 80C4 |
| | **4.7** | 1282 | *1.2* | 300 | | 80C4 |
| | **3.5** | 1658 | *0.8* | 400 | | 80C4 |
| | **7.0** | 968 | *1.9* | 200 | **CMM** | 80C4 |
| | **5.6** | 1178 | *1.4* | 250 | **063/130** | 80C4 |
| | **4.7** | 1278 | *1.6* | 300 | | 80C4 |
| | **3.5** | 1626 | *1.1* | 400 | | 80C4 |
| | **2.8** | 1968 | *0.8* | 500 | | 80C4 |
| | **2.3** | 2407 | *0.9* | 600 | | 80C4 |

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | sf | i | | IEC |
|---|---|---|---|---|---|---|
| **1.1** | | | | | | |
| 90S4 (1400 min$^{-1}$) | **18.7** | 406 | *4.1* | 75 | **CMM** | 90S4 |
| | **14.0** | 529 | *3.2* | 100 | **063/130** | 90S4 |
| | **9.3** | 745 | *2.6* | 150 | | 90S4 |
| | **7.0** | 968 | *1.9* | 200 | | 90S4 |
| | **5.6** | 1178 | *1.4* | 250 | | 90S4 |
| | **4.7** | 1278 | *1.6* | 300 | | 90S4 |
| | **3.5** | 1626 | *1.1* | 400 | | 90S4 |
| | **2.8** | 1968 | *0.8* | 500 | | 90S4 |
| | **2.3** | 2407 | *0.9* | 600 | | 90S4 |
| **1.5** | | | | | | |
| 90L4 (1400 min$^{-1}$) | **18.7** | 554 | *3.0* | 75 | **CMM** | 90L4 |
| | **14.0** | 722 | *2.3* | 100 | **063/130** | 90L4 |
| | **9.3** | 1016 | *1.9* | 150 | | 90L4 |
| | **7.0** | 1320 | *1.4* | 200 | | 90L4 |
| | **5.6** | 1606 | *1.0* | 250 | | 90L4 |
| | **4.7** | 1742 | *1.2* | 300 | | 90L4 |
| | **3.5** | 2218 | *0.8* | 400 | | 90L4 |
| **1.85** | | | | | | |
| 90LB4 (1400 min$^{-1}$) | **18.7** | 683 | *2.5* | 75 | **CMM** | 90LB4 |
| | **14.0** | 890 | *1.9* | 100 | **063/130** | 90LB4 |
| | **9.3** | 1254 | *1.5* | 150 | | 90LB4 |
| | **7.0** | 1628 | *1.1* | 200 | | 90LB4 |
| | **5.6** | 1981 | *0.8* | 250 | | 90LB4 |
| | **4.7** | 2149 | *1.0* | 300 | | 90LB4 |

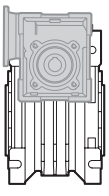
## Motori applicabili

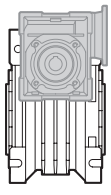
## *IEC Motor adapters*

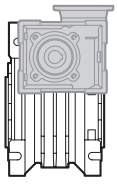


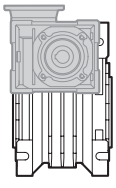

N.B.
Le aree evidenziate in grigio indicano l'applicabilità della corrispondente grandezza motore.
*Grey areas indicate motor inputs available on each size of unit.*

**B/BS = Boccola di riduzione in acciaio**
***B/BS = Metal shaft sleeve***

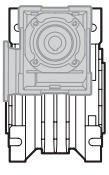

**US1**

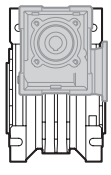

**US2**

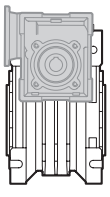

**UV1**

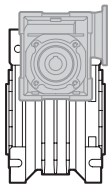

**UV2**

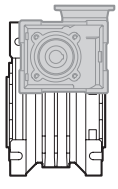
| CMM | IEC | N | M | P | D | $i_1$ | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 10 | 15 | 20 | 30 | 40 | 50 | 60 |
| **026/026** | **56B14** | 50 | 65 | 80 | 9 | | | | | | | |

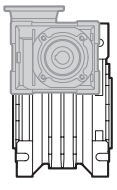

**UB1**


**UB2**

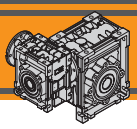

**US1**


**US2**


**UV1**

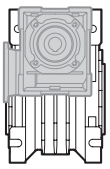

**UV2**

| CMM | IEC | N | M | P | D | $i_1$ | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 10 | 15 | 20 | 30 | 40 | 50 | 60 |
| **026/030**<br>**026/040**<br>**026/050** | **56B14** | 50 | 65 | 80 | 9 | | | | | | | |

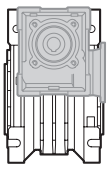


## Motori applicabili

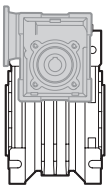
*IEC Motor adapters*



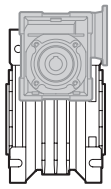
UB1



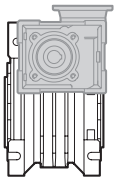
UB2



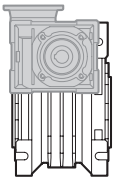
US1



US2

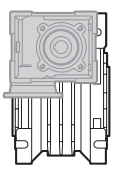


UV1

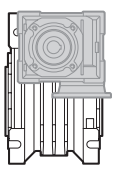


UV2

| CMM | IEC | N | M | P | D | $i_1$ | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 7.5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 |
| 030/040<br>030/050<br>030/063 | 63B5 | 95 | 115 | 140 | 11 | | | | | | | | | |
| | 63B14 | 60 | 75 | 90 | | | | | | | | | | |
| | 56B5 | 80 | 100 | 120 | 9 | B | B | B | B | B | B | B | B | |
| | 56B14 | 50 | 65 | 80 | | | | | | | | | | |
| 040/075<br>040/090 | 71B5 | 110 | 130 | 160 | 14 | | | | | | | | | |
| | 71B14 | 70 | 85 | 105 | | | | | | | | | | |
| | 63B5 | 95 | 115 | 140 | 11 | B | B | B | B | B | B | B | | |
| | 63B14 | 60 | 75 | 90 | | | | | | | | | | |
| | 56B5 | 80 | 100 | 120 | 9 | BS | BS | BS | BS | BS | BS | BS | B | B |
| | 56B14 | 50 | 65 | 80 | | | | | | | | | | |
| 050/110 | 80B5 | 130 | 165 | 200 | 19 | | | | | | | | | |
| | 80B14 | 80 | 100 | 120 | | | | | | | | | | |
| | 71B5 | 110 | 130 | 160 | 14 | B | B | B | B | B | B | | | |
| | 71B14 | 70 | 85 | 105 | | | | | | | | | | |
| | 63B5 | 95 | 115 | 140 | 11 | BS | BS | BS | BS | BS | BS | B | B | B |
| | 63B14 | 60 | 75 | 90 | | | | | | | | | | |
| 063/130 | 90B5 | 130 | 165 | 200 | 24 | | | | | | | | | |
| | 90B14 | 95 | 115 | 140 | | | | | | | | | | |
| | 80B5 | 130 | 165 | 200 | 19 | B | B | B | B | B | B | | | |
| | 80B14 | 80 | 100 | 120 | | | | | | | | | | |
| | 71B5 | 110 | 130 | 160 | 14 | BS | BS | BS | BS | BS | BS | B | B | B |
| | 71B14 | 70 | 85 | 105 | | | | | | | | | | |
| | 63B5 | 95 | 115 | 140 | 11 | | | | | | | BS | BS | BS |



UC1



UC2

| CMM | IEC | N | M | P | D | $i_1$ | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 7.5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 |
| 030/040<br>030/050 | 63B14 | 60 | 75 | 90 | 11 | | | | | | | | | |
| | 56B5 | 80 | 100 | 120 | 9 | B | B | B | B | B | B | B | B | |
| | 56B14 | 50 | 65 | 80 | | | | | | | | | | |
| 030/063 | 63B5 | 95 | 115 | 140 | 11 | | | | | | | | | |
| | 63B14 | 60 | 75 | 90 | | | | | | | | | | |
| | 56B5 | 80 | 100 | 120 | 9 | B | B | B | B | B | B | B | B | |
| | 56B14 | 50 | 65 | 80 | | | | | | | | | | |
| 040/075<br>040/090 | 71B14 | 70 | 85 | 105 | 14 | | | | | | | | | |
| | 63B5 | 95 | 115 | 140 | 11 | B | B | B | B | B | B | | | |
| | 63B14 | 60 | 75 | 90 | | | | | | | | | | |
| | 56B5 | 80 | 100 | 120 | 9 | BS | BS | BS | BS | BS | BS | BS | B | B |
| | 56B14 | 50 | 65 | 80 | | | | | | | | | | |
| 050/110 | 80B14 | 80 | 100 | 120 | 19 | | | | | | | | | |
| | 71B5 | 110 | 130 | 160 | 14 | B | B | B | B | B | B | | | |
| | 71B14 | 70 | 85 | 105 | | | | | | | | | | |
| | 63B5 | 95 | 115 | 140 | 11 | BS | BS | BS | BS | BS | BS | B | B | B |
| | 63B14 | 60 | 75 | 90 | | | | | | | | | | |
| 063/130 | 90B14 | 95 | 115 | 140 | 24 | | | | | | | | | |
| | 80B14 | 80 | 100 | 120 | 19 | B | B | B | B | B | B | | | |
| | 71B5 | 110 | 130 | 160 | 14 | BS | BS | BS | BS | BS | BS | B | B | B |
| | 71B14 | 70 | 85 | 105 | | | | | | | | | | |
| | 63B5 | 95 | 115 | 140 | 11 | | | | | | | BS | BS | BS |

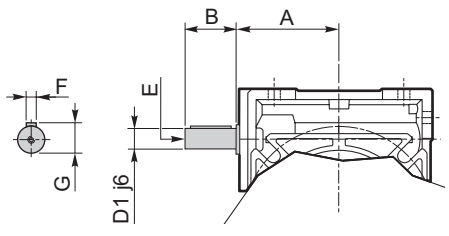
## Dimensioni — *Dimensions*

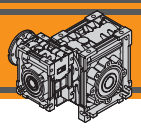
| | CMM..U - CMM..F - CMM..FB - CMM..FL | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D H8 | E | F | G | G1 | H | H1 | I | I1 | K | L | M | N h8 | N1 | N2 |
| **026/026** | 45 | 70 | 12 | 83 | 22 | 47.5 | 50 | 35 | 34 | 26 | 26 | 34 | 42 | 55 | 45 | 22.5 | 21 |
| **026/030** | 54 | 80 | 14 | 97 | 32 | 47.5 | 63 | 40 | 34 | 30 | 26 | 44 | 56 | 65 | 55 | 29 | 21 |
| **026/040** | 70 | 100 | 18 | 121.5 | 43 | 47.5 | 78 | 50 | 34 | 40 | 26 | 60 | 71 | 75 | 60 | 36.5 | 21 |
| **026/050** | 80 | 120 | 25 | 144 | 49 | 47.5 | 92 | 60 | 34 | 50 | 26 | 70 | 85 | 85 | 70 | 43.5 | 21 |

| | CMM..U - CMM..F - CMM..FB - CMM..FL | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | O | P | Q | R | R1 | S | T | V | Z | KE | a | b | t | Kg |
| **026/026** | 6 | — | 37 | 49 | 49 | 5 | 15 | 21 | 76 | 7 | — | 4 | 13.8 | 1.6 |
| **026/030** | 6.5 | 75 | 44 | 57 | 49 | 5.5 | 22 | 27 | 81 | M6x11(n.4) | 90° | 5 | 16.3 | 2.4 |
| **026/040** | 6.5 | 87 | 55 | 71.5 | 49 | 6.5 | 26 | 35 | 91.5 | M6x8(n.4) | 45° | 6 | 20.8 | 3.5 |
| **026/050** | 8.5 | 98 | 64 | 84 | 49 | 7 | 30 | 40 | 100.5 | M8x10(n.4) | 45° | 8 | 28.3 | 5.0 |

| | | CMM..F | | | | | | | | CMM..FB | | | | | | | | CMM..FL | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | a1 | KA | KB | KC | KM | KN H8 | KO | KP | KQ | KA | KB | KC | KM | KN H8 | KO | KP | KQ | KA | KB | KC | KM | KN H8 | KO | KP | KQ |
| **026/026** | 45° | 45 | 6 | 4.5 | 55-69 | 40 | 6.5(n.4) | 75 | 70 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| **026/030** | 45° | 54.5 | 6 | 4 | 68 | 50 | 6.5(n.4) | 80 | 70 | | | | | | | | — | | | | | | | | |
| **026/040** | 45° | 67 | 7.5 | 4.5 | 80-95 | 60 | 9(n.4) | 110 | 95 | 80 | 8.5 | 5 | 115-125 | 95 | 9.5(n.4) | 140 | 112 | 97 | 7.5 | 4.5 | 80-95 | 60 | 10(n.4) | 110 | 95 |
| **026/050** | 45° | 90 | 9 | 5 | 90-110 | 70 | 11(n.4) | 125 | 110 | 89 | 9 | 5 | 130-145 | 110 | 9.5(n.4) | 160 | 132 | 120 | 9 | 5 | 90-110 | 70 | 11(n.4) | 125 | 110 |

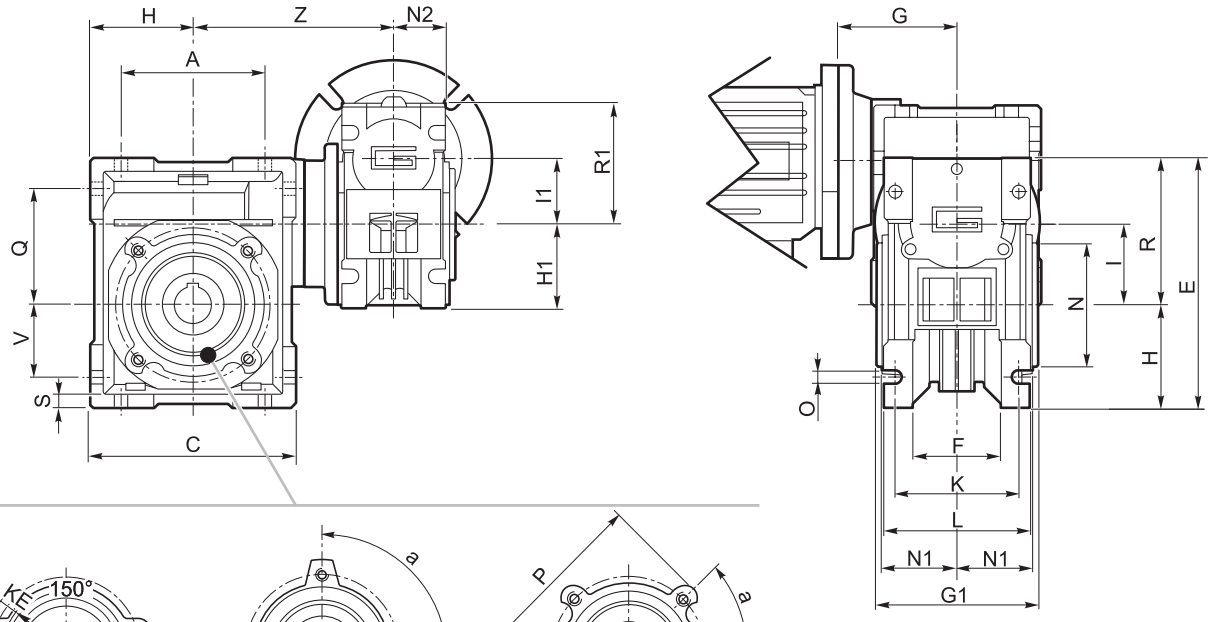
| | CMMIS | | | | | |
|---|---|---|---|---|---|---|
| | A | B | D1 j6 | E | F | M |
| **026/026 026/030 026/040 026/050** | 45 | 20 | 9 | M4 | 3 | 10.2 |

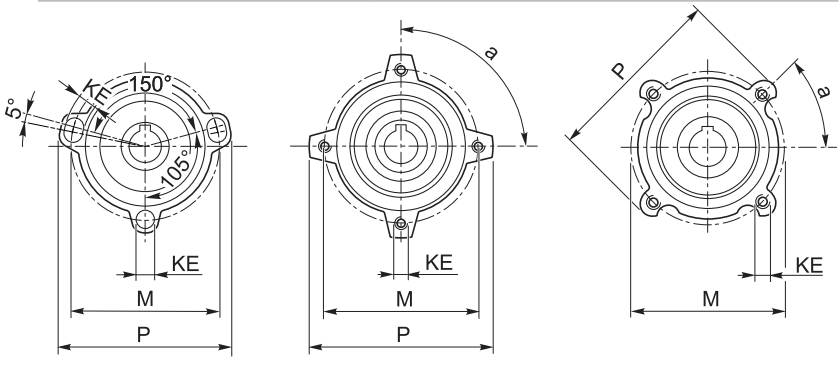




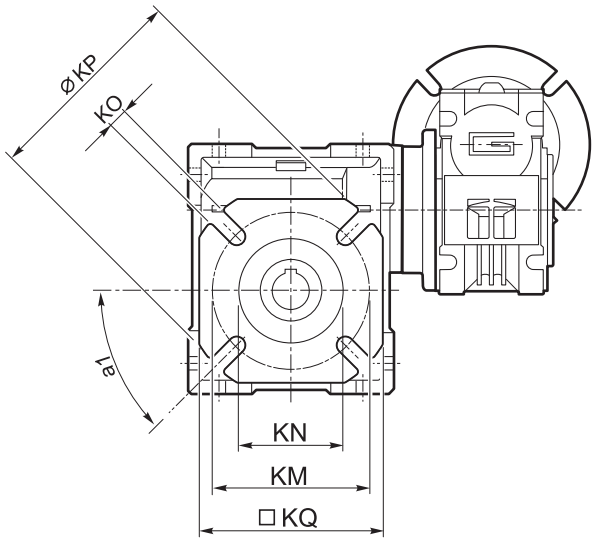


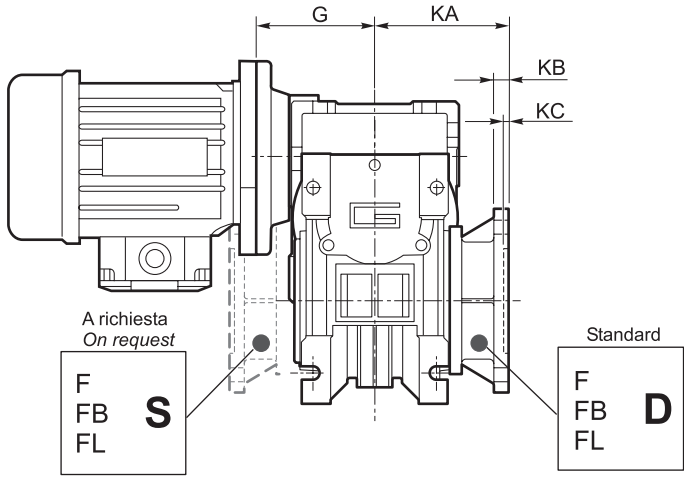
## CMM026/..U



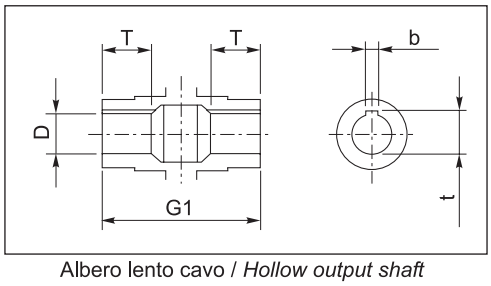




..026/026 ..026/030 ..026/040
..026/050




## CMM026/..F
## CMM026/..FB
## CMM026/..FL




Albero lento cavo / *Hollow output shaft*

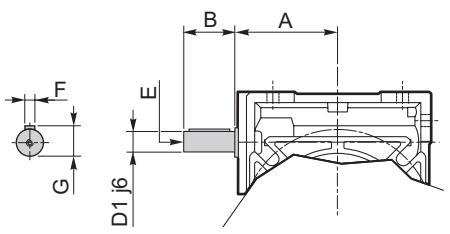
## Dimensioni — *Dimensions*

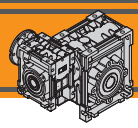
| | CMM.. - CMM..F - CMM..FB - CMM..FL | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D H8 | E | F | G | G1 | H | H1 | I | I1 | K | L | M | N h8 | N1 | N2 |
| 030/040 | 70 | 100 | 18 | 121.5 | 43 | 55 | 78 | 50 | 40 | 40 | 30 | 60 | 71 | 75 | 60 | 36.5 | 29 |
| 030/050 | 80 | 120 | 25 | 144 | 49 | 55 | 92 | 60 | 40 | 50 | 30 | 70 | 85 | 85 | 70 | 43.5 | 29 |
| 030/063 | 100 | 144 | 25 | 174 | 67 | 55 | 112 | 72 | 40 | 63 | 30 | 85 | 104 | 95 | 80 | 53 | 29 |
| 040/075 | 120 | 172 | 28 | 205 | 72 | 70 | 120 | 86 | 50 | 75 | 40 | 90 | 112 | 115 | 95 | 57 | 36.5 |
| 040/090 | 140 | 208 | 35 | 238 | 74 | 70 | 140 | 103 | 50 | 90 | 40 | 100 | 130 | 130 | 110 | 67 | 36.5 |
| 050/110 | 170 | 252.5 | 42 | 295 | — | 80 | 155 | 127.5 | 60 | 110 | 50 | 115 | 144 | 165 | 130 | 74 | 43.5 |
| 063/130 | 200 | 292.5 | 45 | 335 | — | 95 | 170 | 147.5 | 72 | 130 | 63 | 120 | 155 | 215 | 180 | 81 | 53 |

| | CMM.. - CMM..F - CMM..FB - CMM..FL | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | O | P | Q | R | R1 | S | T | V | Z | KE | a | b | t | Kg |
| 030/040 | 6.5 | 87 | 55 | 71.5 | 57 | 6.5 | 26 | 35 | 122 | M6x8(n.4) | 45° | 6 | 20.8 (21.8) | 3.9 |
| 030/050 | 8.5 | 98 | 64 | 84 | 57 | 7 | 30 | 40 | 132 | M8x10(n.4) | 45° | 8 | 28.3 (27.3) | 5.0 |
| 030/063 | 8.5 | 110 | 80 | 102 | 57 | 8 | 36 | 50 | 145 | M8x10(n.8) | 45° | 8 | 28.3 | 7.0 |
| 040/075 | 11 | 140 | 93 | 119 | 71.5 | 10 | 40 | 60 | 165 | M8x14(n.8) | 45° | 8 | 31.3 | 12.0 |
| 040/090 | 13 | 160 | 102 | 135 | 71.5 | 11 | 45 | 70 | 182 | M10x18(n.8) | 45° | 10 | 38.3 | 15.6 |
| 050/110 | 14 | 200 | 125 | 167.5 | 84 | 14 | 50 | 85 | 225 | M10x18(n.8) | 45° | 12 | 45.3 | 30.2 |
| 063/130 | 16 | 250 | 140 | 187.5 | 102 | 15 | 60 | 100 | 245 | M12x21(n.8) | 45° | 14 | 48.8 | 55.0 |

| | | CMP..F | | | | | | | | CMP..FB | | | | | | | CMP..FL | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | a1 | KA | KB | KC | KM | KN H8 | KO | KP | KQ | KA | KB | KC | KM | KN H8 | KO | KP | KA | KB | KC | KM | KN H8 | KO | KP | KQ |
| 030/040 | 45° | 67 | 7.5 | 4 | 80-95 | 60 | 9(n.4) | 110 | 95 | 80 | 8.5 | 5 | 115-125 | 95 | 9.5(n.4) | 140 | 97 | 7.5 | 4.5 | 80-95 | 60 | 10(n.4) | 110 | 95 |
| 030/050 | 45° | 90 | 9 | 5 | 90-110 | 70 | 11(n.4) | 125 | 110 | 89 | 9 | 5 | 130-145 | 110 | 9.5(n.4) | 160 | 120 | 9 | 5 | 90-110 | 70 | 11(n.4) | 125 | 110 |
| 030/063 | 45° | 82 | 10 | 6 | 150-160 | 115 | 11(n.4) | 180 | 142 | 98 | 10 | 5 | 165-180 | 130 | 11(n.4) | 200 | 112 | 10 | 6 | 150-160 | 115 | 11(n.4) | 180 | 142 |
| 040/075 | 45° | 111 | 13 | 6 | 165-180 | 130 | 14(n.4) | 200 | 170 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 040/090 | 45° | 111 | 13 | 6 | 175-190 | 152 | 14(n.4) | 210 | 200 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 050/110 | 45° | 131 | 15 | 6 | 230 | 170 | 14(n.8) | 280 | 260 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 063/130 | 22.5° | 140 | 15 | 6 | 255 | 180 | 16(n.8) | 320 | 290 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

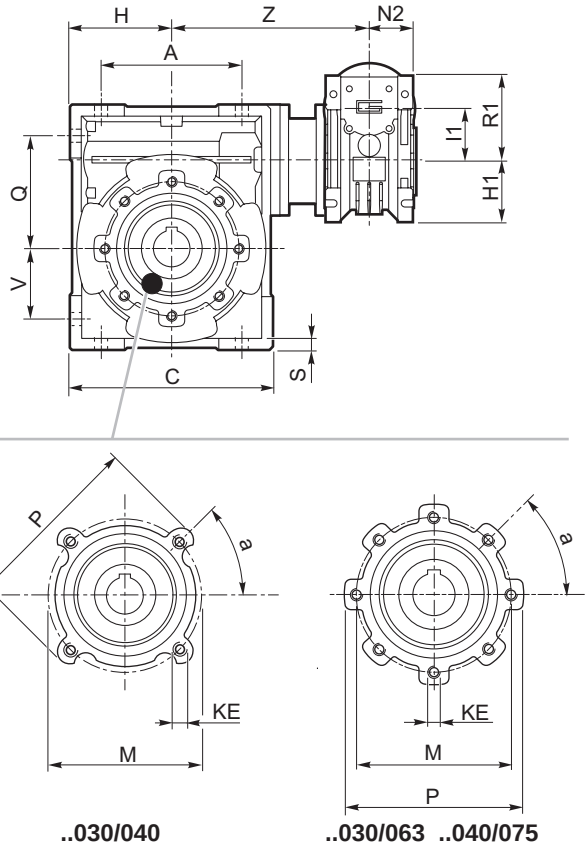
| | CMMIS | | | | | |
|---|---|---|---|---|---|---|
| | A | B | D1 j6 | E | F | M |
| 030/040 030/050 030/063 | 51 | 20 | 9 | M4 | 3 | 10.2 |
| 040/075 040/090 | 66 | 23 | 11 | M5 | 4 | 12.5 |
| 050/110 | 76 | 30 | 14 | M6 | 5 | 16 |
| 063/130 | 94.5 | 40 | 19 | M6 | 6 | 21.5 |





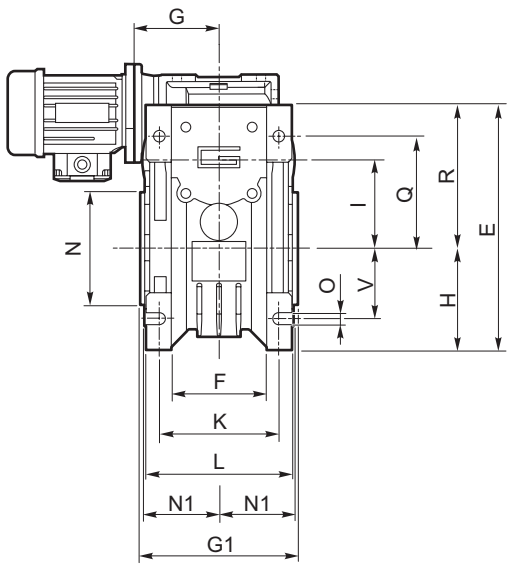


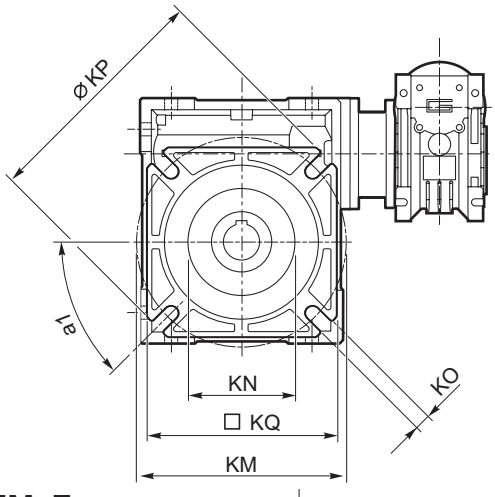
## CMM..U




..030/040
..030/050

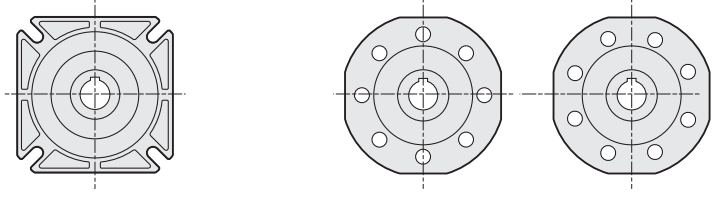
..030/063 ..040/075
..040/090 ..050/110
..063/130

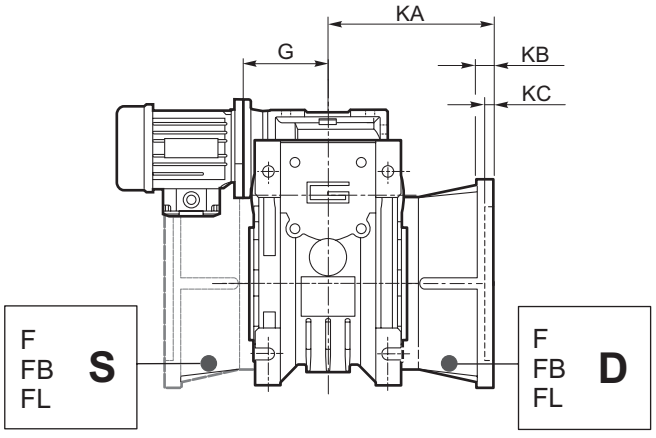


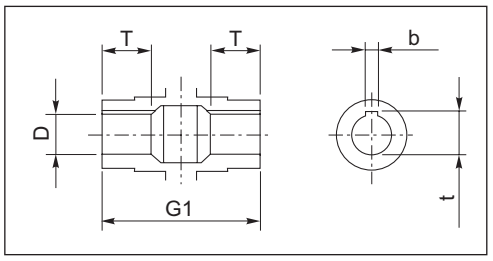




**CMM..F** (../030 - ../090)
**CMM..FB** (../040 - ../063)
**CMM..FL** (../040 - ../063)

**CMM..F**
(../110 ../130)






Albero lento cavo / *Hollow output shaft*

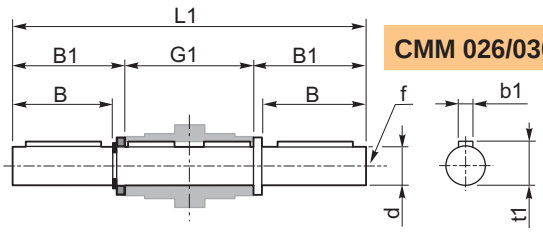
## Accessori — *Accessories*

### Albero lento semplice e doppio

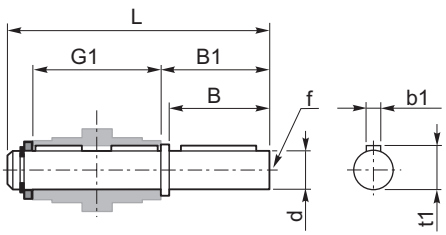
### *Single and double output shaft*

**CMM 026/030 - CMM 063/130**

DZ

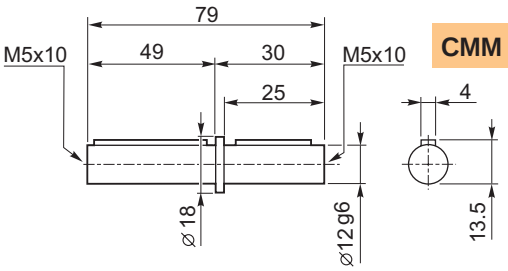



SZ




| CMM | d h7 | B | B1 | G1 | L | L1 | f | b1 | t1 |
|---|---|---|---|---|---|---|---|---|---|
| 026/030 | 14 | 30 | 32.5 | 63 | 102 | 128 | M6 | 5 | 16 |
| 026/040 030/040 | 18 | 40 | 43 | 78 | 128 | 164 | M6 | 6 | 20.5 |
| 026/050 030/050 | 25 | 50 | 53.5 | 92 | 153 | 199 | M10 | 8 | 28 |
| 030/063 | 25 | 50 | 53.5 | 112 | 173 | 219 | M10 | 8 | 28 |
| 040/075 | 28 | 60 | 63.5 | 120 | 192 | 247 | M10 | 8 | 31 |
| 040/090 | 35 | 80 | 84.5 | 140 | 234 | 309 | M12 | 10 | 38 |
| 050/110 | 42 | 80 | 84.5 | 155 | 249 | 324 | M16 | 12 | 45 |
| 063/130 | 45 | 80 | 85 | 170 | 265 | 340 | M16 | 14 | 48.5 |

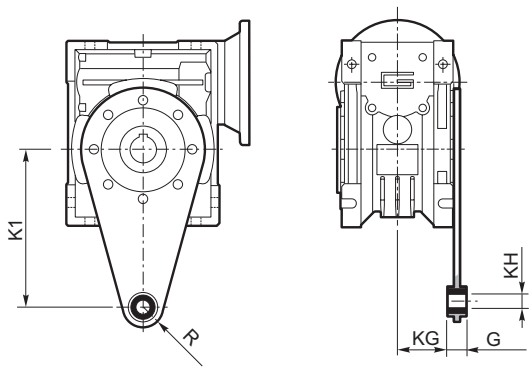
**CMM 026/026**




### Braccio di reazione

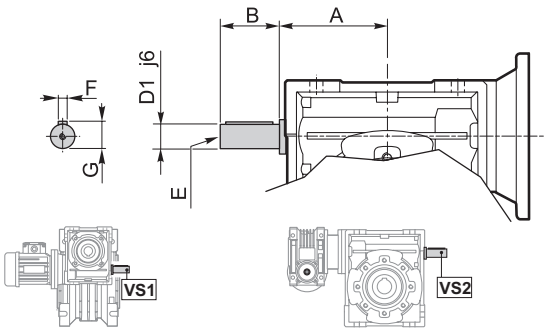
### *Torque arm*

| CMM | K1 | G | KG | KH | R |
|---|---|---|---|---|---|
| 026/030 | 85 | 14 | 23 | 8 | 15 |
| 026/040 030/040 | 100 | 14 | 31 | 10 | 18 |
| 026/050 030/050 | 100 | 14 | 38 | 10 | 18 |
| 030/063 | 150 | 14 | 47.5 | 10 | 18 |
| 040/075 | 200 | 25 | 46.5 | 20 | 30 |
| 040/090 | 200 | 25 | 56.5 | 20 | 30 |
| 050/110 | 250 | 30 | 62 | 25 | 35 |
| 063/130 | 250 | 30 | 69 | 25 | 35 |



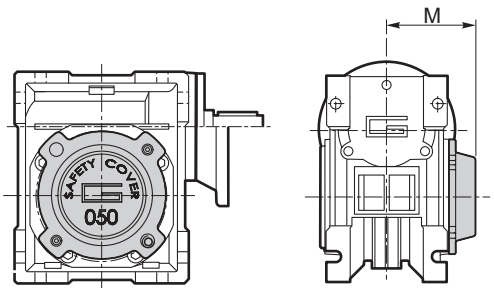

## Opzioni — *Options*

### VS1 - VS2 - Vite sporgente / *Extended input shaft*




| CMM | VS1 | | | | | | VS2 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | $D_1$ j6 | E | F | G | A | B | $D_1$ j6 | E | F | G |
| 026/030 | — | — | — | — | — | — | 45 | 20 | 9 | — | 3 | |
| 026/040 | — | — | — | — | — | — | 53 | 23 | 11 | — | 4 | 12.5 |
| 026/050 | — | — | — | — | — | — | 64 | 30 | 14 | M6 | 5 | 16 |
| 030/040 | 45 | 20 | 9 | — | 3 | 10.2 | 53 | 23 | 11 | — | 4 | 12.5 |
| 030/050 | 45 | 20 | 9 | — | 3 | 10.2 | 64 | 30 | 14 | M6 | 5 | 16 |
| 030/063 | 45 | 20 | 9 | — | 3 | 10.2 | 75 | 40 | 19 | M6 | 6 | 21.5 |
| 040/075 | 53 | 23 | 11 | — | 4 | 12.5 | 90 | 50 | 24 | M8 | 8 | 27 |
| 040/090 | 53 | 23 | 11 | — | 4 | 12.5 | 108 | 50 | 24 | M8 | 8 | 27 |
| 050/110 | 64 | 30 | 14 | M6 | 5 | 16 | — | — | — | — | — | — |
| 063/130 | 75 | 40 | 19 | M6 | 6 | 21.5 | — | — | — | — | — | — |

### SC - *Safety cover*




| | CM | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 30 | 40 | 50 | 63 | 75 | 90 | 110 | 130 |
| M | 47 | 54.5 | 62.5 | 73 | 79 | 94 | 102 | 117 |