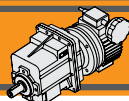


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| Dimensioni | <i>Dimensions</i> | L10 |

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Caratteristiche tecniche

Tecnical features

I motovariariduttori della serie CMGV hanno le seguenti caratteristiche principali:

- Precisione nella regolazione della velocità, contenuta in $\pm 0.5/1\%$.
- Campo di regolazione continuo 1:5.
- Le grandezze CMG 00, 01, 02, 03, 04 sono costruite con carcassa in Alluminio. La grandezza 05 è costruita con carcassa in ghisa.
- Le grandezze VAM018, 037, e 075 sono costruite con carcassa in Alluminio, le altre grandezze in ghisa.

CMGV mechanical variators and helical gearboxes main features:

- Precision in speed regulation: $\pm 0.5/1\%$
- Speed range 1:5
- Die-cast aluminum housing on CMG 00, 01, 02, 03 and 04. Cast iron housing on CMG05.
- Die-cast aluminum housing on VAM018, 037 and 075. Cast iron housing on the other sizes.

Designazione

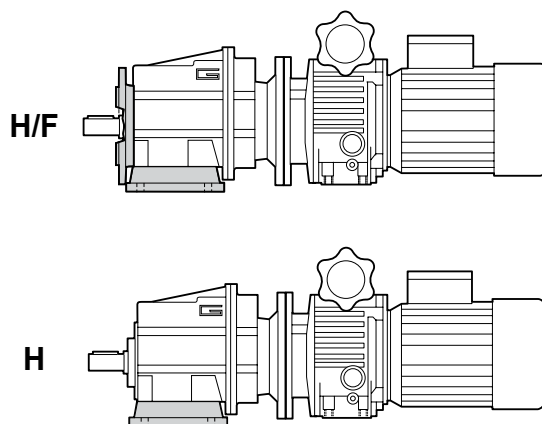
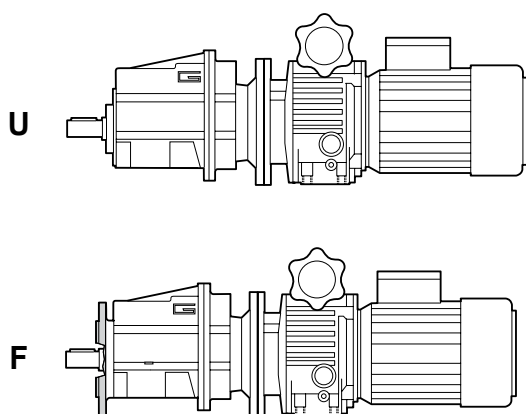
Classification

| RIDUTTORE / GEARBOX | | | | |
|---------------------|-------------------------|-----------------------------------|----------------------------|---|
| CMGV | 043/040 | H75 | 9.81 | B3/1 |
| Tipo Type | Grandezza Size | Versione Version | Rapporto Ratio | Posizione di montaggio Mounting position |
| CMGV | 002/018 — 043/040 | U... H... F... H.../F... | vedi tabella see tables | Vedi pag. K3 See page K3 |

| MOTORE / MOTOR | | | | |
|----------------------------|---------------|----------------|------------------------|------------------------------------|
| 0.37kW | 4p | 3ph | 50Hz | T1 |
| Potenza Power | Poli Poles | Fasi Phases | Frequenza Frequency | Pos. morsetti Terminal box pos. |
| Vedi tabelle See tables | 2p 4p | 1ph 3ph | 50Hz 60Hz | Vedi pag. K3 See page K3 |

Versioni

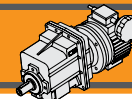
Versions



Simbologia

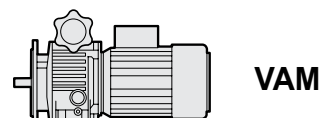
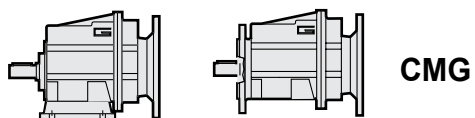
Symbols

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



Lubrificazione

Lubrication



I riduttori CMG 00, 01, 02 03, 04 sono forniti completi di lubrificante, pertanto possono essere installati in qualunque posizione di montaggio e non necessitano di manutenzione. La grandezza CMG 05 è fornita completa di lubrificante per posizione B3. I variatori VAM sono forniti completi di lubrificante per posizione B3.

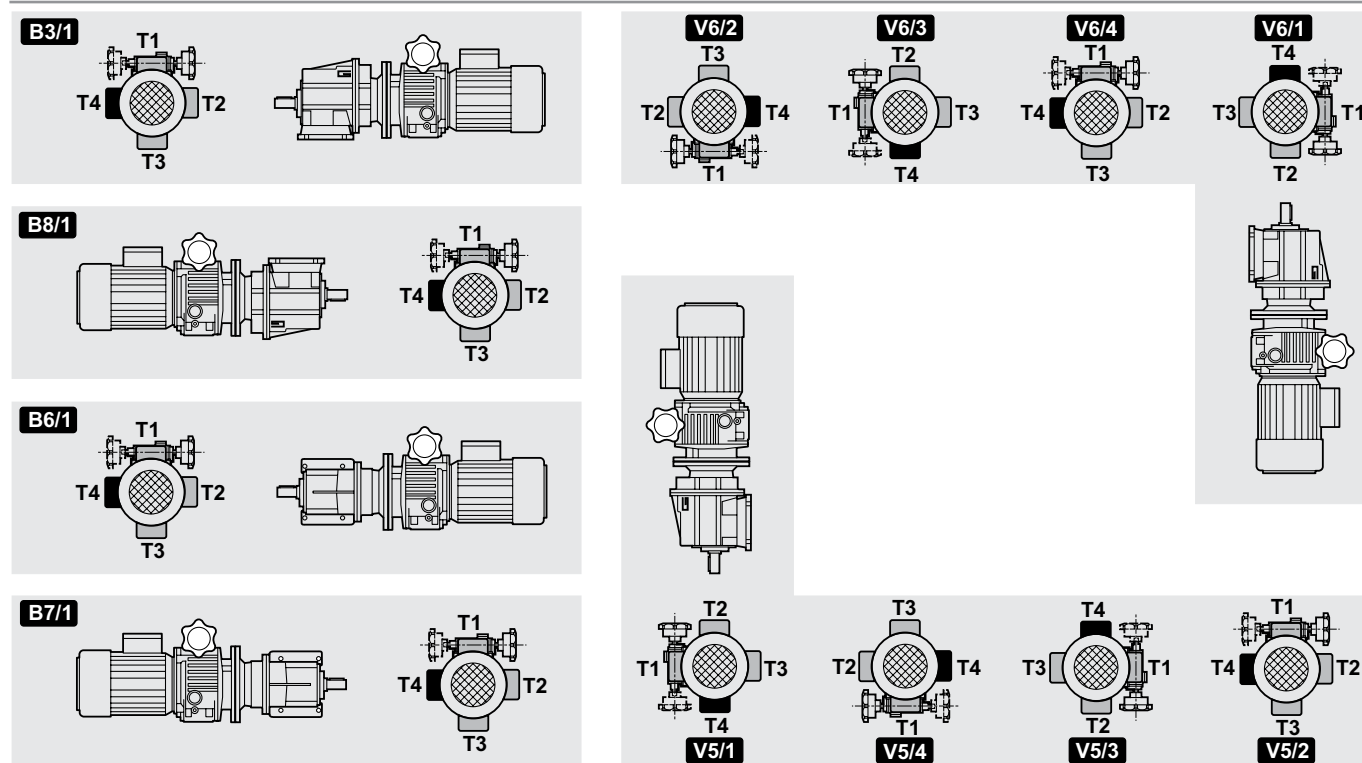
All CMG gear units are supplied complete with lubricant. For this reason they can be installed in any assembly position and do not require maintenance. CMG 05 is supplied filled with lubricant for B3 position. VAM are supplied filled with lubricant for B3 position.

| Pos. mont. Mount. pos. | Quantità di olio (litri) / Oil quantity (litres) | | | | | |
|-------------------------------|--|------|------|------|------|------|
| | VAM | | | | | |
| B3 - B5 - B6 - B7 - B8 | 0.13 | 0.15 | 0.33 | 0.80 | 1.20 | 1.20 |
| V1 - V5 | 0.30 | 0.40 | 0.85 | 1.40 | 2.15 | 2.15 |
| V3 - V6 | 0.13 | 0.15 | 0.33 | 0.80 | 1.20 | 1.20 |

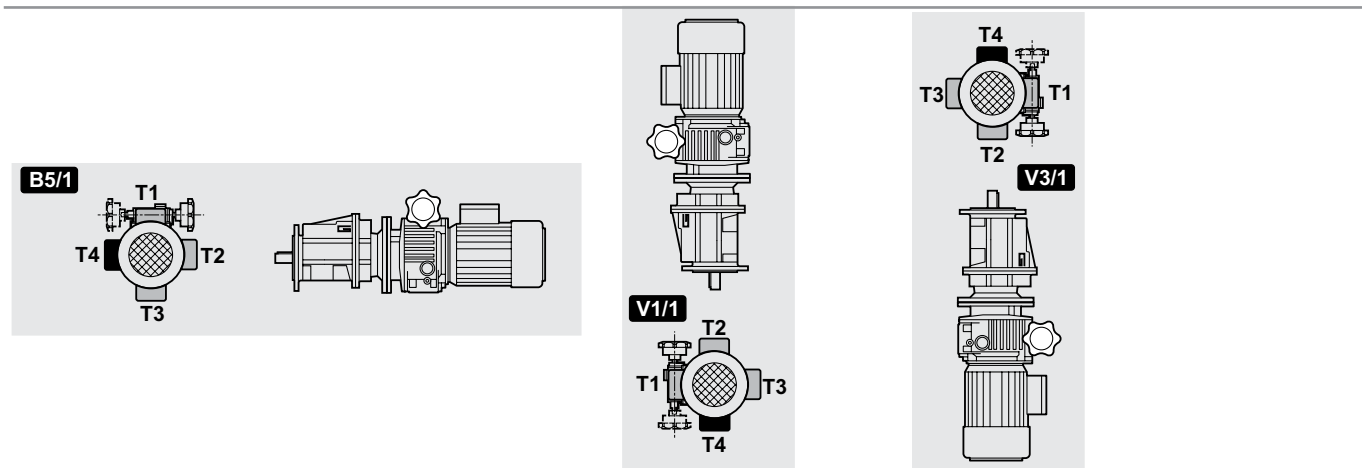
Posizioni di montaggio

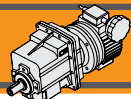
Mounting positions

Versione / Version **H.. - H../F..**



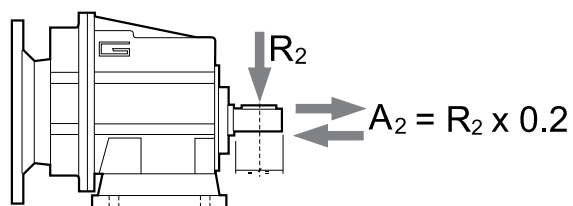
Versione / Version **U.. - F..**



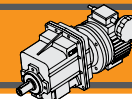


Carichi radiali

Radial loads





| n_2 [min ⁻¹] | R_2 [N] | | | | | |
|-------------------------------|-----------|--------|--------|--------|--------|--------|
| | CMG 00 | CMG 01 | CMG 02 | CMG 03 | CMG 04 | CMG 05 |
| 700 | 416 | 764 | 1529 | 1987 | 2379 | 3556 |
| 600 | 437 | 805 | 1609 | 2092 | 2504 | 3744 |
| 500 | 465 | 855 | 1710 | 2223 | 2661 | 3979 |
| 400 | 501 | 921 | 1842 | 2395 | 2866 | 4286 |
| 250 | 586 | 1077 | 2154 | 2801 | 3353 | 5013 |
| 180 | 653 | 1323 | 2554 | 3321 | 3897 | 5853 |
| 150 | 748 | 1406 | 2714 | 3529 | 4244 | 6392 |
| 120 | 806 | 1631 | 3467 | 3801 | 4572 | 7388 |
| 100 | 958 | 1842 | 3684 | 4507 | 5234 | 7851 |
| 80 | 1032 | 1984 | 3969 | 5042 | 5991 | 8963 |
| 60 | 1136 | 2184 | 4368 | 5549 | 6594 | 10483 |
| 40 | 1300 | 2500 | 5000 | 6500 | 8000 | 12000 |
| 10 | 1300 | 2500 | 5000 | 6500 | 8000 | 12000 |

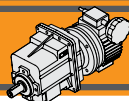


Dati tecnici

Technical data



| P ₁ [kW] | velocità massima max speed | | | velocità minima min speed | | | i |  | P ₁ [kW] | velocità massima max speed | | | velocità minima min speed | | | i |  | | |
|--|--|------------------------|-----|--|------------------------|--------|-------|---|--|--|------------------------|-----|--|------------------------|-----|--------|---|-----------------|--|
| | n ₂ [min ⁻¹] | M ₂ [Nm] | sf | n ₂ [min ⁻¹] | M ₂ [Nm] | sf | | | | n ₂ [min ⁻¹] | M ₂ [Nm] | sf | n ₂ [min ⁻¹] | M ₂ [Nm] | sf | | | | |
| 0.22 | | | | | | | | | 0.37 | | | | | | | | | | |
| 63C4 n ₁ =1400 [min ⁻¹] | 175 | 9.2 | 4.9 | 33.8 | 18.3 | 2.5 | 5.03 | CMGV 002/018 | 63C2 n ₁ =2800 [min ⁻¹] | 9 | 174 | 3.2 | 1.7 | 348 | 1.7 | 97.45 | CMGV 043/018 | | |
| | 144 | 11.1 | 4.0 | 27.9 | 22.3 | 2.1 | 6.1 | | | 7.6 | 207 | 2.7 | 1.5 | 413 | 1.4 | 115.74 | | | |
| | 118 | 13.7 | 3.3 | 22.7 | 27.3 | 1.7 | 7.49 | | | 6.2 | 251 | 2.2 | 1.2 | 503 | 1.1 | 140.81 | | | |
| | 97.9 | 16.4 | 3.4 | 18.9 | 32.8 | 1.8 | 8.99 | | | 5.0 | 311 | 1.8 | 1.0 | 622 | 0.9 | 174.26 | | | |
| | 86.6 | 18.5 | 3.0 | 16.7 | 37.1 | 1.6 | 10.16 | | | 3.9 | 403 | 1.4 | 0.8 | 805 | 0.7 | 225.47 | | | |
| | 72.9 | 22.0 | 2.5 | 14.1 | 44.0 | 1.3 | 12.07 | | | 3.4 | 468 | 1.2 | 0.6 | 936 | 0.6 | 262.05 | | | |
| | 65.7 | 24.4 | 3.2 | 12.7 | 48.9 | 1.6 | 13.4 | | | 0.37 | | | | | | | | | |
| | 58.1 | 27.6 | 2.8 | 11.2 | 55.2 | 1.5 | 15.14 | | | 349.9 | 8 | 4.3 | 67.6 | 18 | 2.5 | 5.03 | | CMGV 002/018 | |
| | 48.4 | 33.1 | 2.4 | 9.4 | 66.3 | 1.2 | 18.17 | | | 288.5 | 10 | 3.6 | 55.7 | 22 | 2.1 | 6.1 | | | |
| | 40.8 | 39.4 | 2.0 | 7.9 | 78.7 | 1.0 | 21.58 | | | 235.0 | 12 | 2.9 | 45.4 | 27 | 1.7 | 7.49 | | | |
| | 37.4 | 42.9 | 1.8 | 7.2 | 85.8 | 0.9 | 23.51 | | | 195.8 | 15 | 3.0 | 37.8 | 33 | 1.8 | 8.99 | | | |
| | 35.1 | 45.8 | 1.7 | 6.8 | 91.6 | 0.9 | 25.1 | | | 173.2 | 17 | 2.7 | 33.5 | 37 | 1.6 | 10.16 | | | |
| | 32.5 | 49.4 | 1.6 | 6.3 | 98.8 | 0.8 | 27.08 | | | 145.8 | 20 | 2.3 | 28.2 | 44 | 1.3 | 12.07 | | | |
| | 27.1 | 59.3 | 1.3 | 5.2 | 118.5 | 0.7 | 32.49 | | | 131.3 | 22 | 2.8 | 25.4 | 49 | 1.6 | 13.4 | | | |
| | 230 | 7 | 9.7 | 45 | 14 | 5.0 | 3.82 | | | 116.2 | 25 | 2.5 | 22.5 | 55 | 1.5 | 15.14 | | | |
| | 190 | 8 | 8.0 | 37 | 17 | 4.1 | 4.63 | | | 96.9 | 30 | 2.1 | 18.7 | 66 | 1.2 | 18.17 | | | |
| 155 | 10 | 6.5 | 30 | 21 | 3.3 | 5.69 | 81.6 | 35 | 1.8 | 15.8 | 79 | 1.0 | 21.58 | | | | | | |
| 114 | 14 | 6.4 | 22 | 28 | 3.3 | 7.72 | 74.9 | 38 | 1.6 | 14.5 | 86 | 0.9 | 23.51 | | | | | | |
| 96 | 17 | 5.4 | 19 | 33 | 2.8 | 9.17 | 70.1 | 41 | 1.5 | 13.5 | 92 | 0.9 | 25.1 | | | | | | |
| 90 | 18 | 5.0 | 17 | 36 | 2.6 | 9.81 | 65.0 | 44 | 1.4 | 12.6 | 99 | 0.8 | 27.08 | | | | | | |
| 77 | 21 | 5.3 | 15 | 42 | 2.7 | 11.50 | 54.2 | 53 | 1.2 | 10.5 | 119 | 0.7 | 32.49 | | | | | | |
| 74 | 22 | 5.2 | 14 | 43 | 2.6 | 11.90 | 461 | 6 | 8.6 | 89 | 14 | 5.0 | 3.82 | | | | | | |
| 64 | 25 | 5.3 | 12 | 50 | 2.7 | 13.80 | 380 | 8 | 7.1 | 73 | 17 | 4.1 | 4.63 | | | | | | |
| 60 | 27 | 5.0 | 12 | 53 | 2.6 | 14.62 | 309 | 9 | 5.8 | 60 | 21 | 3.3 | 5.69 | | | | | | |
| 49 | 33 | 4.1 | 10 | 65 | 2.1 | 17.86 | 228 | 13 | 5.7 | 44 | 28 | 3.3 | 7.72 | | | | | | |
| 46 | 35 | 3.9 | 9 | 70 | 2.0 | 19.07 | 192 | 15 | 4.8 | 37 | 33 | 2.8 | 9.17 | | | | | | |
| 44 | 36 | 3.7 | 9 | 72 | 1.9 | 19.83 | 179 | 16 | 4.4 | 35 | 36 | 2.6 | 9.81 | | | | | | |
| 37 | 43 | 3.1 | 7 | 86 | 1.6 | 23.56 | 153 | 19 | 4.7 | 30 | 42 | 2.7 | 11.50 | | | | | | |
| 30 | 54 | 2.5 | 6 | 108 | 1.3 | 29.56 | 148 | 19 | 4.6 | 29 | 43 | 2.6 | 11.90 | | | | | | |
| 25 | 65 | 2.1 | 4.8 | 129 | 1.1 | 35.47 | 128 | 23 | 4.7 | 25 | 50 | 2.7 | 13.80 | | | | | | |
| 19 | 84 | 1.6 | 3.7 | 167 | 0.8 | 45.89 | 120 | 24 | 4.5 | 23 | 53 | 2.6 | 14.62 | | | | | | |
| 18 | 89 | 1.5 | 3.5 | 179 | 0.8 | 49.00 | 99 | 29 | 3.7 | 19 | 65 | 2.1 | 17.86 | | | | | | |
| 17 | 97 | 1.4 | 3.2 | 195 | 0.7 | 53.33 | 92 | 31 | 3.4 | 18 | 70 | 2.0 | 19.07 | | | | | | |
| 19 | 85 | 2.6 | 3.7 | 169 | 1.4 | 46.46 | 89 | 32 | 3.3 | 17 | 72 | 1.9 | 19.83 | | | | | | |
| 18 | 90 | 2.5 | 3 | 181 | 1.3 | 49.61 | 75 | 38 | 2.8 | 14.4 | 86 | 1.6 | 23.56 | | | | | | |
| 16 | 98 | 2.3 | 3.1 | 197 | 1.2 | 54.00 | 60 | 48 | 2.2 | 11.5 | 108 | 1.3 | 29.56 | | | | | | |
| 14 | 113 | 1.2 | 2.7 | 226 | 0.6 | 63.22 | 50 | 58 | 1.8 | 10 | 129 | 1.1 | 35.47 | | | | | | |
| 14 | 114 | 2.0 | 2.7 | 229 | 1.0 | 64.01 | 38 | 75 | 1.4 | 7 | 167 | 0.8 | 45.89 | | | | | | |
| 12 | 136 | 1.6 | 2.2 | 272 | 0.8 | 76.02 | 36 | 80 | 1.3 | 6.9 | 179 | 0.8 | 49.00 | | | | | | |
| 10 | 161 | 1.4 | 1.9 | 323 | 0.7 | 90.29 | 33 | 87 | 1.2 | 6.4 | 195 | 0.7 | 53.33 | | | | | | |
| 7.7 | 204 | 1.1 | 1.5 | 409 | 0.6 | 114.46 | 38 | 76 | 2.3 | 7.3 | 169 | 1.4 | 46.46 | | | | | | |
| 12 | 130 | 2.6 | 2.3 | 260 | 1.3 | 72.83 | 35 | 81 | 2.2 | 6.9 | 181 | 1.3 | 49.61 | | | | | | |
| 9 | 174 | 1.9 | 1.7 | 348 | 1.0 | 97.45 | 33 | 88 | 2.0 | 6.3 | 197 | 1.2 | 54.00 | | | | | | |
| 7.6 | 207 | 1.6 | 1.5 | 413 | 0.8 | 115.74 | 28 | 101 | 1.1 | 5.4 | 226 | 0.6 | 63.22 | | | | | | |
| 6.2 | 251 | 1.3 | 1.2 | 503 | 0.7 | 140.81 | 27 | 102 | 1.7 | 5.3 | 229 | 1.0 | 64.01 | | | | | | |
| 5.0 | 311 | 1.1 | 1.0 | 622 | 0.6 | 174.26 | 23 | 121 | 1.5 | 4.5 | 272 | 0.8 | 76.02 | | | | | | |
| | | | | | | | 19 | 144 | 1.2 | 3.8 | 323 | 0.7 | 90.29 | | | | | | |
| | | | | | | | 15 | 183 | 1.0 | 3.0 | 409 | 0.6 | 114.46 | | | | | | |

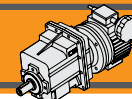
CMGV



Dati tecnici



Technical data

| P ₁ [kW] | velocità massima max speed | | | velocità minima min speed | | | i |  | P ₁ [kW] | velocità massima max speed | | | velocità minima min speed | | | i |  |
|--|--|------------------------|-----|--|------------------------|-----|--------|---|--|--|------------------------|------------|--|------------------------|--------|---------------------|---|
| | n ₂ [min ⁻¹] | M ₂ [Nm] | sf | n ₂ [min ⁻¹] | M ₂ [Nm] | sf | | | | n ₂ [min ⁻¹] | M ₂ [Nm] | sf | n ₂ [min ⁻¹] | M ₂ [Nm] | sf | | |
| 0.37 | | | | | | | | | 0.55 | | | | | | | | |
| 63C2 n ₁ =2800 [min ⁻¹] | 24 | 116 | 2.3 | 4.7 | 260 | 1.3 | 72.83 | CMGV 033/018 | 14 | 205 | 2.7 | 2.7 | 411 | 1.4 | 72.83 | CMGV 043/037 | |
| | 18 | 156 | 1.7 | 3.5 | 348 | 1.0 | 97.45 | | 10 | 275 | 2.0 | 2.1 | 550 | 1.0 | 97.45 | | |
| | 15 | 185 | 1.4 | 2.9 | 413 | 0.8 | 115.74 | | 8.6 | 326 | 1.7 | 1.7 | 653 | 0.9 | 115.74 | | |
| | 12 | 225 | 1.2 | 2.4 | 503 | 0.7 | 140.81 | | 7.1 | 397 | 1.4 | 1.4 | 794 | 0.7 | 140.81 | | |
| | 10 | 278 | 1.0 | 2.0 | 622 | 0.6 | 174.26 | | 5.7 | 491 | 1.1 | 1.1 | 983 | 0.6 | 174.26 | | |
| 0.37 | | | | | | | | | 0.55 | | | | | | | | |
| 71B4 n ₁ =1400 [min ⁻¹] | 199 | 14 | 3.1 | 39.8 | 29 | 1.6 | 5.03 | CMGV 002/037 | 8 | 363 | 2.8 | 1.6 | 727 | 1.4 | 128.84 | CMGV 053/037 | |
| | 164 | 18 | 2.6 | 32.8 | 35 | 1.3 | 6.1 | | 6 | 486 | 2.1 | 1.2 | 972 | 1.1 | 172.32 | | |
| | 134 | 22 | 2.1 | 26.7 | 43 | 1.1 | 7.49 | | 5.4 | 525 | 1.9 | 1.1 | 1050 | 1.0 | 186.17 | | |
| | 111 | 26 | 2.2 | 22.2 | 52 | 1.1 | 8.99 | | 4.6 | 610 | 1.7 | 0.9 | 1219 | 0.8 | 216.19 | | |
| | 98 | 29 | 1.9 | 19.7 | 59 | 1.0 | 10.16 | | 4.0 | 702 | 1.4 | 0.8 | 1404 | 0.7 | 248.99 | | |
| | 83 | 35 | 1.6 | 16.6 | 70 | 0.8 | 12.07 | | 3.5 | 815 | 1.2 | 0.7 | 1631 | 0.6 | 289.15 | | |
| | 75 | 39 | 2.0 | 14.9 | 77 | 1.0 | 13.4 | | 0.55 | | | | | | | | |
| | 66 | 44 | 1.8 | 13.2 | 87 | 0.9 | 15.14 | | 71B2 n ₁ =2800 [min ⁻¹] | 398 | 10.6 | 3.4 | 79.5 | 29.0 | 1.6 | 5.03 | CMGV 002/037 |
| | 55 | 52 | 1.5 | 11.0 | 105 | 0.8 | 18.17 | | | 328 | 12.9 | 2.8 | 65.6 | 35.1 | 1.3 | 6.1 | |
| | 46 | 62 | 1.3 | 9.3 | 124 | 0.6 | 21.58 | | | 267 | 15.8 | 2.3 | 53.4 | 43.1 | 1.1 | 7.49 | |
| | 43 | 68 | 1.2 | 8.5 | 135 | 0.6 | 23.51 | | | 223 | 19.0 | 2.3 | 44.5 | 51.8 | 1.1 | 8.99 | |
| | 40 | 72 | 1.1 | 8.0 | 145 | 0.6 | 25.1 | | | 197 | 21.5 | 2.1 | 39.4 | 58.5 | 1.0 | 10.16 | |
| | 262 | 11 | 6.1 | 52 | 22 | 3.1 | 3.82 | CMGV 012/037 | | 166 | 25.5 | 1.7 | 33.1 | 69.5 | 0.8 | 12.07 | |
| | 216 | 13 | 5.0 | 43 | 27 | 2.6 | 4.63 | | | 149 | 28.3 | 2.2 | 29.9 | 77.2 | 1.0 | 13.4 | |
| | 176 | 16 | 4.1 | 35 | 33 | 2.1 | 5.69 | | | 132 | 32.0 | 1.9 | 26.4 | 87.2 | 0.9 | 15.14 | |
| | 130 | 22 | 4.0 | 26 | 44 | 2.1 | 7.72 | | | 110 | 38.4 | 1.6 | 22.0 | 104.7 | 0.8 | 18.17 | |
| | 109 | 26 | 3.4 | 22 | 53 | 1.7 | 9.17 | | | 92.7 | 45.6 | 1.4 | 18.5 | 124.3 | 0.6 | 21.58 | |
| | 102 | 28 | 3.2 | 20 | 57 | 1.6 | 9.81 | | | 85.1 | 49.7 | 1.3 | 17.0 | 135.4 | 0.6 | 23.51 | |
| | 87 | 33 | 3.4 | 17 | 66 | 1.7 | 11.50 | | | 79.7 | 53.0 | 1.2 | 15.9 | 144.6 | 0.6 | 25.1 | |
| | 84 | 34 | 3.3 | 17 | 69 | 1.7 | 11.90 | | | 524 | 8 | 6.6 | 105 | 22 | 3.1 | 3.82 | CMGV 012/037 |
| | 72 | 40 | 3.4 | 14 | 79 | 1.7 | 13.80 | | | 432 | 10 | 5.5 | 86 | 27 | 2.6 | 4.63 | |
| | 68 | 42 | 3.2 | 14 | 84 | 1.6 | 14.62 | | | 352 | 12 | 4.4 | 70 | 33 | 2.1 | 5.69 | |
| | 56 | 51 | 2.6 | 11 | 103 | 1.3 | 17.86 | | | 259 | 16 | 4.4 | 52 | 44 | 2.1 | 7.72 | |
| | 52 | 55 | 2.4 | 10.5 | 110 | 1.3 | 19.07 | | | 218 | 19 | 3.7 | 44 | 53 | 1.7 | 9.17 | |
| | 50 | 57 | 2.4 | 10.1 | 114 | 1.2 | 19.83 | | | 204 | 21 | 3.4 | 41 | 57 | 1.6 | 9.81 | |
| | 42 | 68 | 2.0 | 8 | 136 | 1.0 | 23.56 | | | 174 | 24 | 3.7 | 35 | 66 | 1.7 | 11.50 | |
| | 34 | 85 | 1.6 | 6.8 | 170 | 0.8 | 29.56 | | | 168 | 25 | 3.5 | 34 | 69 | 1.7 | 11.90 | |
| | 28 | 102 | 1.3 | 5.6 | 204 | 0.7 | 35.47 | | | 145 | 29 | 3.7 | 29 | 79 | 1.7 | 13.80 | |
| | 42 | 69 | 3.3 | 8.4 | 137 | 1.7 | 23.85 | CMGV 022/037 | | 137 | 31 | 3.5 | 27 | 84 | 1.6 | 14.62 | |
| | 33 | 86 | 2.6 | 6.7 | 172 | 1.3 | 29.93 | | | 112 | 38 | 2.8 | 22 | 103 | 1.3 | 17.86 | |
| | 28 | 103 | 2.2 | 5.6 | 207 | 1.1 | 35.91 | | | 105 | 40 | 2.7 | 21 | 110 | 1.3 | 19.07 | |
| | 22 | 134 | 1.7 | 4.3 | 268 | 0.9 | 46.46 | | | 101 | 42 | 2.5 | 20 | 114 | 1.2 | 19.83 | |
| | 20 | 143 | 1.6 | 4.0 | 286 | 0.8 | 49.61 | | | 85 | 50 | 2.1 | 17 | 136 | 1.0 | 23.56 | |
| | 19 | 156 | 1.4 | 3.7 | 311 | 0.7 | 54.00 | | | 68 | 62 | 1.7 | 14 | 170 | 0.8 | 29.56 | |
| | 26 | 111 | 3.0 | 5.2 | 223 | 1.6 | 38.63 | CMGV 032/037 | | 56 | 75 | 1.4 | 11 | 204 | 0.7 | 35.47 | |
| | 23 | 127 | 2.6 | 4.5 | 254 | 1.4 | 44.18 | | | 84 | 50 | 3.5 | 17 | 137 | 1.7 | 23.85 | CMGV 022/037 |
| | 19 | 148 | 2.3 | 3.9 | 295 | 1.2 | 51.30 | | | 67 | 63 | 2.8 | 13 | 172 | 1.3 | 29.93 | |
| | 16 | 175 | 1.9 | 3.3 | 350 | 1.0 | 60.80 | | | 56 | 76 | 2.3 | 11.1 | 207 | 1.1 | 35.91 | |
| | 16 | 175 | 3.1 | 3.3 | 350 | 1.6 | 60.80 | CMGV 042/037 | | 43 | 98 | 1.8 | 8.6 | 268 | 0.9 | 46.46 | |
| | 14 | 205 | 1.6 | 2.7 | 411 | 0.8 | 72.83 | CMGV 033/037 | | 40 | 105 | 1.7 | 8.1 | 286 | 0.8 | 49.61 | |
| | 10 | 275 | 1.2 | 2.1 | 550 | 0.6 | 97.45 | | | 37 | 114 | 1.6 | 7.4 | 311 | 0.7 | 54.00 | |
| | | | | | | | | | 0.55 | | | | | | | | |
| | | | | | | | | | 71B2 n ₁ =2800 [min ⁻¹] | 52 | 82 | 3.3 | 10.4 | 223 | 1.6 | 38.63 | CMGV 032/037 |
| | | | | | | | | | | 45 | 93 | 2.9 | 9.1 | 254 | 1.4 | 44.18 | |



Dati tecnici

Technical data

| P ₁ [kW] | velocità massima max speed | | | velocità minima min speed | | | i |  | P ₁ [kW] | velocità massima max speed | | | velocità minima min speed | | | i |  | |
|------------------------|--|------------------------|-----|--|------------------------|-----|--------|---|-------------------------|--|------------------------|-------------|--|------------------------|-------|-------------------------|---|-------|
| | n ₂ [min ⁻¹] | M ₂ [Nm] | sf | n ₂ [min ⁻¹] | M ₂ [Nm] | sf | | | | n ₂ [min ⁻¹] | M ₂ [Nm] | sf | n ₂ [min ⁻¹] | M ₂ [Nm] | sf | | | |
| | 39 | 108 | 2.5 | 7.8 | 295 | 1.2 | 51.30 | CMGV 042/037 | | 29 | 197 | 2.8 | 5.8 | 394 | 1.5 | 34.20 | CMGV 042/075 | |
| | 33 | 128 | 2.1 | 6.6 | 350 | 1.0 | 60.80 | | | 26 | 223 | 2.5 | 5.2 | 445 | 1.3 | 38.63 | | |
| | 33 | 128 | 3.3 | 6.6 | 350 | 1.6 | 60.80 | | | 33 | 176 | 3.2 | 6.5 | 352 | 1.6 | 30.57 | | |
| | 27 | 151 | 1.8 | 5.5 | 411 | 0.8 | 72.83 | | | 23 | 254 | 2.2 | 4.5 | 509 | 1.1 | 44.18 | | |
| | 21 | 202 | 1.3 | 4.1 | 550 | 0.6 | 97.45 | | | 19 | 295 | 1.9 | 3.9 | 591 | 1.0 | 51.30 | | |
| | 27 | 151 | 3.0 | 5.5 | 411 | 1.4 | 72.83 | | CMGV 043/037 | | 16 | 350 | 1.5 | 3.3 | 700 | 0.8 | | 60.80 |
| | 21 | 202 | 2.2 | 4.1 | 550 | 1.0 | 97.45 | | | | 14 | 411 | 1.4 | 2.7 | 821 | 0.7 | | 72.83 |
| | 17 | 239 | 1.9 | 3.5 | 653 | 0.9 | 115.74 | | | | 16 | 364 | 2.8 | 3 | 727 | 1.4 | | 64.48 |
| | 14 | 291 | 1.5 | 2.8 | 794 | 0.7 | 140.81 | | | | 13 | 423 | 2.4 | 3 | 846 | 1.2 | | 74.96 |
| | 11 | 360 | 1.2 | 2.3 | 983 | 0.6 | 174.26 | | CMGV 053/075 | | 12 | 457 | 2.2 | 2.5 | 914 | 1.1 | | 81.07 |
| | 18 | 224 | 3.6 | 3.7 | 612 | 1.7 | 108.43 | | | 12 | 486 | 2.1 | 2.3 | 973 | 1.1 | 86.24 | | |
| | 16 | 266 | 3.0 | 3.1 | 727 | 1.4 | 128.84 | | | 9 | 612 | 1.6 | 1.8 | 1223 | 0.8 | 108.43 | | |
| | 12 | 356 | 2.2 | 2.3 | 972 | 1.1 | 172.32 | | | 8 | 727 | 1.4 | 1.6 | 1453 | 0.7 | 128.84 | | |
| | 11 | 385 | 2.1 | 2.1 | 1050 | 1.0 | 186.17 | 1.1 | | | | | | | | | | |
| | 9 | 447 | 1.8 | 1.9 | 1219 | 0.8 | 216.19 | 80B2 | | 547 | 15 | 5.8 | 109 | 42 | 2.7 | 3.66 | CMGV 022/075 | |
| | 8 | 515 | 1.6 | 1.6 | 1404 | 0.7 | 248.99 | n ₁ =2800 [min ⁻¹] | | 451 | 19 | 4.8 | 90 | 51 | 2.3 | 4.43 | | |
| | 7 | 598 | 1.3 | 1.4 | 1631 | 0.6 | 289.15 | | | 367 | 23 | 3.9 | 73 | 63 | 1.8 | 5.45 | | |
| | | | | | | | | | | 271 | 31 | 3.4 | 54 | 85 | 1.6 | 7.39 | | |
| | | | | | | | | | | 228 | 37 | 2.9 | 46 | 101 | 1.4 | 8.78 | | |
| | | | | | | | | | 201 | 42 | 2.5 | 40 | 114 | 1.2 | 9.93 | | | |
| | | | | | | | | | 182 | 47 | 3.8 | 36 | 127 | 1.8 | 11.01 | | | |
| | | | | | | | | | 166 | 51 | 3.5 | 33 | 139 | 1.7 | 12.05 | | | |
| | | | | | | | | | 151 | 56 | 3.2 | 30 | 152 | 1.5 | 13.21 | | | |
| | | | | | | | | | 135 | 63 | 2.8 | 27 | 171 | 1.3 | 14.81 | | | |
| | | | | | | | | | 117 | 72 | 2.0 | 23 | 197 | 0.9 | 17.10 | | | |
| | | | | | | | | | 110 | 77 | 1.8 | 22 | 210 | 0.9 | 18.26 | | | |
| | | | | | | | | | 100 | 85 | 2.1 | 20 | 231 | 1.0 | 20.08 | | | |
| | | | | | | | | | 84 | 101 | 1.8 | 17 | 275 | 0.8 | 23.85 | | | |
| | | | | | | | | | 67 | 126 | 1.4 | 13 | 345 | 0.7 | 29.93 | | | |
| | | | | | | | | | 56 | 152 | 1.2 | 11 | 414 | 0.6 | 35.91 | | | |
| | | | | | | | | | 131 | 65 | 3.9 | 26 | 176 | 1.8 | 15.30 | CMGV 032/075 | | |
| | | | | | | | | | 110 | 77 | 3.2 | 22 | 210 | 1.5 | 18.21 | | | |
| | | | | | | | | | 104 | 81 | 3.1 | 21 | 222 | 1.5 | 19.24 | | | |
| | | | | | | | | | 95 | 89 | 2.8 | 19 | 244 | 1.3 | 21.15 | | | |
| | | | | | | | | | 80 | 106 | 2.5 | 16 | 288 | 1.2 | 24.99 | | | |
| | | | | | | | | | 65 | 129 | 2.1 | 13 | 352 | 1.0 | 30.57 | | | |
| | | | | | | | | | 58 | 144 | 1.8 | 12 | 394 | 0.9 | 34.20 | | | |
| | | | | | | | | | 52 | 163 | 1.6 | 10 | 445 | 0.8 | 38.63 | | | |
| | | | | | | | | | 45 | 187 | 1.4 | 9.1 | 509 | 0.7 | 44.18 | | | |
| | | | | | | | | | 39 | 217 | 1.2 | 7.8 | 591 | 0.6 | 51.30 | | | |
| | | | | | | | | | 58 | 144 | 3.1 | 11.7 | 394 | 1.5 | 34.20 | CMGV 042/075 | | |
| | | | | | | | | | 52 | 163 | 2.7 | 10.4 | 445 | 1.3 | 38.63 | | | |
| | | | | | | | | | 65 | 129 | 3.4 | 13.1 | 352 | 1.6 | 30.57 | | | |
| | | | | | | | | | 45 | 187 | 2.4 | 9.1 | 509 | 1.1 | 44.18 | | | |
| | | | | | | | | | 39 | 217 | 2.1 | 7.8 | 591 | 1.0 | 51.30 | | | |
| | | | | | | | | | 33 | 257 | 1.7 | 6.6 | 700 | 0.8 | 60.80 | | | |

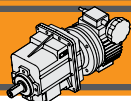
0.75

80B4
n₁=1400
[min⁻¹]

**CMGV
022/075**



**CMGV
032/075**

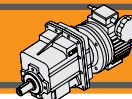
**CMGV
042/075**



Dati tecnici

Technical data

| P ₁ [kW] | velocità massima max speed | | | velocità minima min speed | | | i |  | P ₁ [kW] | velocità massima max speed | | | velocità minima min speed | | | i |  | |
|------------------------|--|------------------------|-----|--|------------------------|-----|--------|---|--|--|------------------------|-----|--|------------------------|-----|-------|---|--|
| | n ₂ [min ⁻¹] | M ₂ [Nm] | sf | n ₂ [min ⁻¹] | M ₂ [Nm] | sf | | | | n ₂ [min ⁻¹] | M ₂ [Nm] | sf | n ₂ [min ⁻¹] | M ₂ [Nm] | sf | | | |
| | 27 | 301 | 1.5 | 5.5 | 821 | 0.7 | 72.83 | CMGV 043/075 | | 1.5 | | | | | | | | |
| | 31 | 267 | 3.0 | 6 | 727 | 1.4 | 64.48 | CMGV 053/075 | 90L4 n _i =1400 [min ⁻¹] | 267 | 43 | 3.9 | 53 | 86 | 2.0 | 3.74 | CMGV 032/15 | |
| | 27 | 310 | 2.6 | 5 | 846 | 1.2 | 74.96 | | | 222 | 52 | 3.2 | 44 | 104 | 1.7 | 4.50 | | |
| | 25 | 335 | 2.4 | 5 | 914 | 1.1 | 81.07 | | | 182 | 63 | 2.7 | 36 | 126 | 1.4 | 5.48 | | |
| | 23 | 357 | 2.2 | 5 | 973 | 1.1 | 86.24 | | | 159 | 73 | 2.8 | 32 | 145 | 1.4 | 6.31 | | |
| | 18 | 448 | 1.8 | 4 | 1223 | 0.8 | 108.43 | | | 126 | 91 | 2.2 | 25 | 183 | 1.1 | 7.93 | | |
| | 16 | 533 | 1.5 | 3 | 1453 | 0.7 | 128.84 | | | 110 | 105 | 1.9 | 22 | 209 | 1.0 | 9.08 | | |
| | | | | | | | | | | 92 | 126 | 1.6 | 18 | 252 | 0.8 | 10.93 | | |
| | | | | | | | | | | 79 | 145 | 1.9 | 16 | 290 | 1.0 | 12.60 | | |
| | | | | | | | | | | 75 | 153 | 1.8 | 15 | 306 | 0.9 | 13.30 | | |
| | | | | | | | | | | 65 | 176 | 1.8 | 13 | 353 | 0.9 | 15.30 | | |
| | | | | | | | | | | 55 | 210 | 1.5 | 11 | 420 | 0.8 | 18.21 | | |
| | | | | | | | | | | 52 | 222 | 1.4 | 10 | 443 | 0.7 | 19.24 | | |
| | | | | | | | | | | 47 | 244 | 1.3 | 9.5 | 487 | 0.7 | 21.15 | | |
| | | | | | | | | | | 40 | 288 | 1.2 | 8.0 | 576 | 0.6 | 24.99 | | |
| | | | | | | | | | | 126 | 91 | 3.2 | 25 | 183 | 1.6 | 7.93 | CMGV 042/15 | |
| | | | | | | | | | | 110 | 105 | 3.0 | 22 | 209 | 1.5 | 9.08 | | |
| | | | | | | | | | | 92 | 126 | 2.5 | 18 | 252 | 1.3 | 10.93 | | |
| | | | | | | | | | | 79 | 145 | 2.7 | 16 | 290 | 1.4 | 12.60 | | |
| | | | | | | | | | | 75 | 153 | 2.6 | 15 | 306 | 1.3 | 13.30 | | |
| | | | | | | | | | | 65 | 176 | 2.7 | 13 | 353 | 1.4 | 15.30 | | |
| | | | | | | | | | | 55 | 210 | 2.2 | 11 | 420 | 1.2 | 18.21 | | |
| | | | | | | | | | | 52 | 222 | 2.1 | 10 | 443 | 1.1 | 19.24 | | |
| | | | | | | | | | | 40 | 288 | 1.9 | 8 | 576 | 1.0 | 24.99 | | |
| | | | | | | | | | | 33 | 352 | 1.6 | 6.5 | 704 | 0.8 | 30.57 | | |
| | | | | | | | | | | 29 | 394 | 1.4 | 5.8 | 788 | 0.7 | 34.20 | | |
| | | | | | | | | | | 26 | 445 | 1.3 | 5.2 | 890 | 0.6 | 38.63 | | |
| | | | | | | | | | | 23 | 509 | 1.1 | 4.5 | 1018 | 0.6 | 44.18 | | |
| | | | | | | | | | | 42 | 277 | 3.6 | 8.3 | 553 | 1.9 | 24.02 | CMGV 052/15 | |
| | | | | | | | | | | 31 | 370 | 2.7 | 6.2 | 740 | 1.4 | 32.13 | | |
| | | | | | | | | | | 22 | 534 | 1.9 | 4.3 | 1067 | 1.0 | 46.31 | | |
| | | | | | | | | | | 19 | 619 | 1.6 | 3.7 | 1238 | 0.8 | 53.74 | | |
| | | | | | | | | | | 16 | 727 | 1.4 | 3 | 1455 | 0.7 | 64.48 | CMGV 053/15 | |
| | | | | | | | | | | 13 | 846 | 1.2 | 3 | 1691 | 0.6 | 74.96 | | |
| | | | | | | | | | | 12 | 914 | 1.1 | 2 | 1829 | 0.6 | 81.07 | | |
| | | | | | | | | | | 2.2 | | | | | | | | |
| | | | | | | | | | 90L2 n _i =2800 [min ⁻¹] | 534 | 32 | 4.1 | 107 | 86 | 2.0 | 3.74 | CMGV 032/15 | |
| | | | | | | | | | | 444 | 39 | 3.4 | 89 | 104 | 1.7 | 4.50 | | |
| | | | | | | | | | | 365 | 47 | 2.8 | 73 | 126 | 1.4 | 5.48 | | |
| | | | | | | | | | | 317 | 55 | 2.9 | 63 | 145 | 1.4 | 6.31 | | |
| | | | | | | | | | | 252 | 69 | 2.3 | 50 | 183 | 1.1 | 7.93 | | |
| | | | | | | | | | | 220 | 78 | 2.0 | 44 | 209 | 1.0 | 9.08 | | |
| | | | | | | | | | | 183 | 94 | 1.7 | 37 | 252 | 0.8 | 10.93 | | |
| | | | | | | | | | | 159 | 109 | 2.0 | 32 | 290 | 1.0 | 12.60 | | |
| | | | | | | | | | | 150 | 115 | 1.9 | 30 | 306 | 0.9 | 13.30 | | |
| | | | | | | | | | | 131 | 132 | 1.9 | 26 | 353 | 0.9 | 15.30 | | |
| | | | | | | | | | | 110 | 157 | 1.6 | 22 | 420 | 0.8 | 18.21 | | |
| | | | | | | | | | | 104 | 166 | 1.5 | 21 | 443 | 0.7 | 19.24 | | |
| | | | | | | | | | | 95 | 183 | 1.4 | 19 | 487 | 0.7 | 21.15 | | |
| | | | | | | | | | | 80 | 216 | 1.2 | 16 | 576 | 0.6 | 24.99 | | |

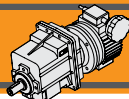


Dati tecnici

Technical data

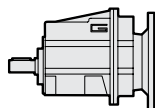
| P ₁ [kW] | velocità massima max speed | | | velocità minima min speed | | | i | | P ₁ [kW] | velocità massima max speed | | | velocità minima min speed | | | i | | | |
|--|--|------------------------|-----|--|------------------------|-----|-------|------------------------|---|--|------------------------|-----------|--|------------------------|-------|------------------------|------------------------|--|--|
| | n ₂ [min ⁻¹] | M ₂ [Nm] | sf | n ₂ [min ⁻¹] | M ₂ [Nm] | sf | | | | n ₂ [min ⁻¹] | M ₂ [Nm] | sf | n ₂ [min ⁻¹] | M ₂ [Nm] | sf | | | | |
| | 252 | 69 | 3.4 | 50 | 183 | 1.6 | 7.93 | CMGV 042/15 | | 126 | 183 | 1.6 | 25 | 365 | 0.8 | 7.93 | CMGV 052/40 | | |
| | 220 | 78 | 3.2 | 44 | 209 | 1.5 | 9.08 | | | 110 | 209 | 1.5 | 22 | 418 | 0.8 | 9.08 | | | |
| | 183 | 94 | 2.6 | 37 | 252 | 1.3 | 10.93 | | | 92 | 252 | 1.2 | 18 | 503 | 0.6 | 10.93 | | | |
| | 159 | 109 | 2.9 | 32 | 290 | 1.4 | 12.60 | | | 79 | 290 | 1.3 | 16 | 581 | 0.7 | 12.60 | | | |
| | 150 | 115 | 2.7 | 30 | 306 | 1.3 | 13.30 | | | 75 | 306 | 1.3 | 15 | 613 | 0.7 | 13.30 | | | |
| | 131 | 132 | 2.8 | 26 | 353 | 1.4 | 15.30 | | | 65 | 353 | 1.3 | 13 | 705 | 0.7 | 15.30 | | | |
| | 110 | 157 | 2.4 | 22 | 420 | 1.2 | 18.21 | | | 55 | 420 | 1.1 | 11 | 839 | 0.6 | 18.21 | | | |
| | 104 | 166 | 2.2 | 21 | 443 | 1.1 | 19.24 | | | 265 | 87 | 5.3 | 53 | 174 | 2.7 | 3.78 | | | |
| | 80 | 216 | 2.1 | 16 | 576 | 1.0 | 24.99 | | | 208 | 111 | 4.2 | 42 | 221 | 2.1 | 4.80 | | | |
| | 65 | 264 | 1.7 | 13 | 704 | 0.8 | 30.57 | | | 172 | 134 | 3.4 | 34 | 268 | 1.8 | 5.82 | | | |
| | 58 | 295 | 1.5 | 12 | 788 | 0.7 | 34.20 | | 150 | 154 | 3.4 | 30 | 308 | 1.8 | 6.68 | | | | |
| | 52 | 334 | 1.3 | 10 | 890 | 0.6 | 38.63 | | 119 | 193 | 2.7 | 24 | 386 | 1.4 | 8.37 | | | | |
| | 45 | 382 | 1.2 | 9.1 | 1018 | 0.6 | 44.18 | | 109 | 211 | 2.7 | 22 | 422 | 1.4 | 9.16 | | | | |
| | 83 | 208 | 3.9 | 16.7 | 553 | 1.9 | 24.02 | | 101 | 228 | 2.5 | 20 | 456 | 1.3 | 9.90 | | | | |
| | 62 | 278 | 2.9 | 12.5 | 740 | 1.4 | 32.13 | | 86 | 268 | 2.6 | 17 | 536 | 1.4 | 11.64 | | | | |
| | 43 | 400 | 2.0 | 8.6 | 1067 | 1.0 | 46.31 | | 75 | 305 | 2.3 | 15 | 610 | 1.2 | 13.25 | | | | |
| | 37 | 464 | 1.7 | 7.4 | 1238 | 0.8 | 53.74 | | 71 | 325 | 2.6 | 14 | 650 | 1.3 | 14.11 | | | | |
| | 31 | 545 | 1.5 | 6 | 1455 | 0.7 | 64.48 | | 62 | 373 | 2.3 | 12 | 746 | 1.2 | 16.20 | | | | |
| | 27 | 634 | 1.3 | 5 | 1691 | 0.6 | 74.96 | | 49 | 468 | 1.8 | 10 | 936 | 0.9 | 20.31 | | | | |
| | 25 | 686 | 1.2 | 5 | 1829 | 0.6 | 81.07 | | 42 | 553 | 1.8 | 8 | 1107 | 0.9 | 24.02 | | | | |
| | | | | | | | | | 31 | 740 | 1.4 | 6 | 1480 | 0.7 | 32.13 | | | | |
| 2.2 | | | | | | | | | | 4.0 | | | | | | | | | |
| 100LA4 n ₁ =1400 [min ⁻¹] | 267 | 65 | 4.0 | 53 | 129 | 2.0 | 3.74 | CMGV 042/22 | 112M4 n ₁ =1400 [min ⁻¹] | 267 | 115 | 2.2 | 53 | 230 | 1.2 | 3.74 | CMGV 042/40 | | |
| | 222 | 78 | 3.3 | 44 | 156 | 1.7 | 4.50 | | | 222 | 138 | 1.9 | 44 | 277 | 1.0 | 4.50 | | | |
| | 182 | 95 | 2.7 | 36 | 190 | 1.4 | 5.48 | | | 182 | 168 | 1.5 | 36 | 337 | 0.8 | 5.48 | | | |
| | 159 | 109 | 2.7 | 32 | 218 | 1.4 | 6.31 | | | 159 | 194 | 1.5 | 32 | 388 | 0.8 | 6.31 | | | |
| | 126 | 137 | 2.1 | 25 | 274 | 1.1 | 7.93 | | | 126 | 244 | 1.2 | 25 | 487 | 0.6 | 7.93 | | | |
| | 110 | 157 | 2.0 | 22 | 314 | 1.0 | 9.08 | | | 110 | 279 | 1.1 | 22 | 558 | 0.6 | 9.08 | | | |
| | 92 | 189 | 1.7 | 18 | 378 | 0.9 | 10.93 | | | 265 | 116 | 4.0 | 53 | 232 | 2.0 | 3.78 | | | |
| | 79 | 218 | 1.8 | 16 | 436 | 0.9 | 12.60 | | | 208 | 147 | 3.1 | 42 | 295 | 1.6 | 4.80 | | | |
| | 75 | 230 | 1.7 | 15 | 460 | 0.9 | 13.30 | | | 172 | 179 | 2.6 | 34 | 358 | 1.3 | 5.82 | | | |
| | 65 | 264 | 1.8 | 13 | 529 | 0.9 | 15.30 | | | 150 | 205 | 2.6 | 30 | 410 | 1.3 | 6.68 | | | |
| | 55 | 315 | 1.5 | 11 | 629 | 0.8 | 18.21 | | 119 | 257 | 2.0 | 24 | 514 | 1.1 | 8.37 | | | | |
| | 52 | 332 | 1.4 | 10 | 665 | 0.7 | 19.24 | | 109 | 281 | 2.0 | 22 | 563 | 1.0 | 9.16 | | | | |
| | 40 | 432 | 1.3 | 8 | 864 | 0.7 | 24.99 | | 101 | 304 | 1.9 | 20 | 608 | 1.0 | 9.90 | | | | |
| | 109 | 158 | 3.6 | 22 | 317 | 1.9 | 9.16 | CMGV 052/22 | 86 | 358 | 2.0 | 17 | 715 | 1.0 | 11.64 | CMGV 052/40 | | | |
| | 101 | 171 | 3.3 | 20 | 342 | 1.7 | 9.90 | | | 75 | 407 | 1.7 | 15 | 814 | 0.9 | | 13.25 | | |
| | 86 | 201 | 3.5 | 17 | 402 | 1.8 | 11.64 | | | 71 | 434 | 1.9 | 14 | 867 | 1.0 | | 14.11 | | |
| | 75 | 229 | 3.1 | 15 | 458 | 1.6 | 13.25 | | | 62 | 498 | 1.7 | 12 | 995 | 0.9 | | 16.20 | | |
| | 71 | 244 | 3.4 | 14 | 488 | 1.8 | 14.11 | | | 49 | 624 | 1.3 | 10 | 1248 | 0.7 | | 20.31 | | |
| | 62 | 280 | 3.0 | 12 | 560 | 1.5 | 16.20 | | | 42 | 738 | 1.4 | 8 | 1476 | 0.7 | | 24.02 | | |
| | 49 | 351 | 2.4 | 10 | 702 | 1.2 | 20.31 | | | | | | | | | | | | |
| | 42 | 415 | 2.4 | 8 | 830 | 1.2 | 24.02 | | | | | | | | | | | | |
| | 31 | 555 | 1.8 | 6 | 1110 | 0.9 | 32.13 | | | | | | | | | | | | |
| | 22 | 800 | 1.3 | 4 | 1601 | 0.6 | 46.31 | | | | | | | | | | | | |
| 3.0 | | | | | | | | | | | | | | | | | | | |
| 100LB4 n ₁ =1400 [min ⁻¹] | 267 | 86 | 3.0 | 53 | 172 | 1.5 | 3.74 | CMGV 042/40 | | | | | | | | | | | |
| | 222 | 104 | 2.5 | 44 | 208 | 1.3 | 4.50 | | | | | | | | | | | | |
| | 182 | 126 | 2.0 | 36 | 253 | 1.0 | 5.48 | | | | | | | | | | | | |
| | 159 | 145 | 2.0 | 32 | 291 | 1.0 | 6.31 | | | | | | | | | | | | |

CMGV

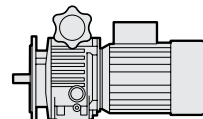


Dimensioni

Dimensions



CMG



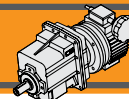
VAM

| CMG | A | B | I | j1 | LM | Albero uscita / Output shaft | | | | |
|------------|-----|------|------|----|--|------------------------------|----------------|----------------|----------------|----------------|
| | | | | | | D ₂ h6 | E ₂ | F ₂ | G ₂ | T ₂ |
| 002 | 92 | 81.5 | 0 | 44 | 143 ¹⁾ 153 ²⁾ | 16 20 | 40 | 5 6 | M6 | 18 22.5 |
| 012 | 124 | 93 | 6.5 | 45 | 195 | 20 | 40 | 6 | M6 | 22.5 |
| 013 | | 112 | 43 | | 268 | | | | | |
| 022 | 124 | 98 | 11.5 | 45 | 205 | 25 | 50 | 8 | M8 | 28 |
| 023 | | 117 | 48 | | 278 | | | | | |
| 032 | 156 | 118 | 5 | 70 | 237 | 30 | 60 | 8 | M10 | 33 |
| 033 | | | 41.5 | | 303 | | | | | |
| 042 | 156 | 128 | 15 | 70 | 250 | 35 | 70 | 10 | M12 | 38 |
| 043 | | | 51.5 | | 316 | | | | | |
| 052 | 190 | 157 | 20 | 88 | 307.5 | 40 | 80 | 12 | M16 | 43 |
| 053 | | | 68 | | 380 | | | | | |

| | VAM | | | | | | | |
|------------|-------|------|----|-----|-----|-----|-----|-----|
| | G | G3 | VC | VF | VL | VR | VR1 | VS |
| 018 | 112.5 | 64.5 | 71 | 111 | 78 | 110 | 110 | 85 |
| 037 | 110 | 74 | 71 | 123 | 90 | 110 | 110 | 85 |
| 075 | 139 | 85.5 | 79 | 140 | 107 | 120 | 120 | 85 |
| 15 | 188 | 115 | — | 144 | 122 | 120 | 120 | 85 |
| 22 | 208 | 131 | — | 188 | 150 | 160 | — | 110 |
| 40 | 208 | 131 | — | 188 | 150 | 160 | — | 110 |

¹⁾ IEC 63/71, ²⁾ IEC 80

| Versione U / U Version | | | | | | |
|--------------------------|-----|------|-----|-----|---------|------------|
| CMG | H | K | L | M | N f7 | O |
| 002 | 2.5 | 11 | 78 | 64 | 50 | n°5 M6x14 |
| 012 013 | 8.5 | 13.5 | 95 | 76 | 60 | n°4 M8x15 |
| 022 023 | 8.5 | 13.5 | 95 | 76 | 60 | n°4 M8x15 |
| 032 033 | 9 | 15 | 127 | 110 | 90 | n°6 M8x19 |
| 042 043 | 9 | 15 | 127 | 110 | 90 | n°6 M8x19 |
| 052 053 | 10 | 16 | 160 | 135 | 110 | n°6 M10x22 |

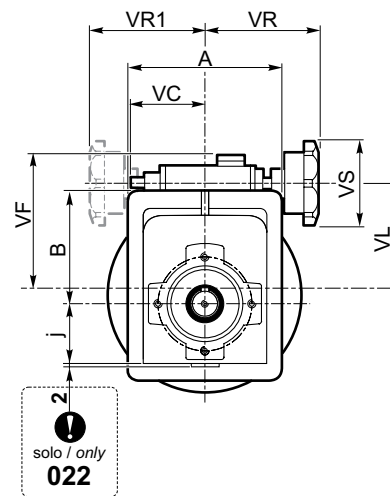
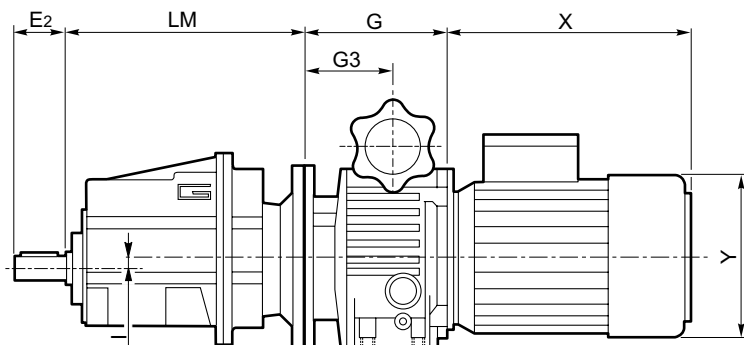


Dimensioni

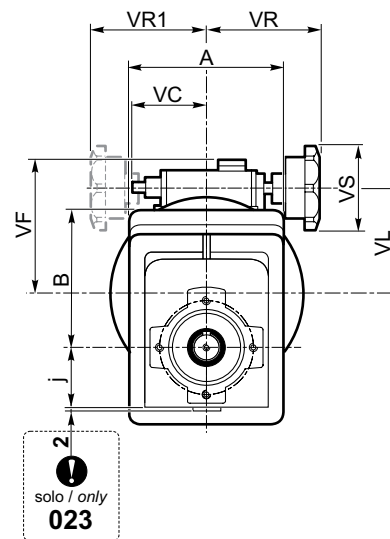
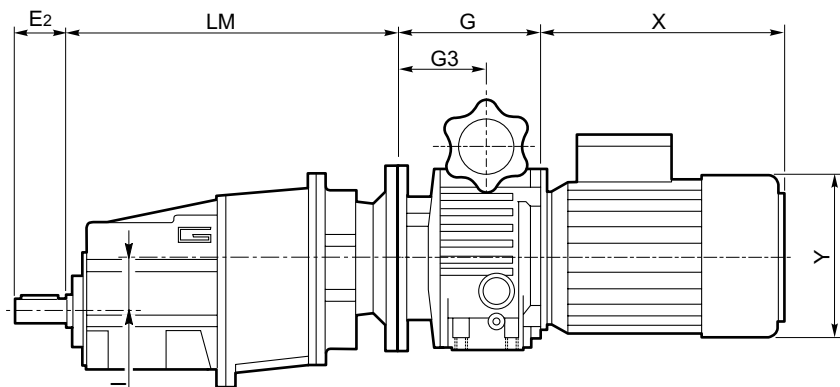
Dimensions

CMGV..U

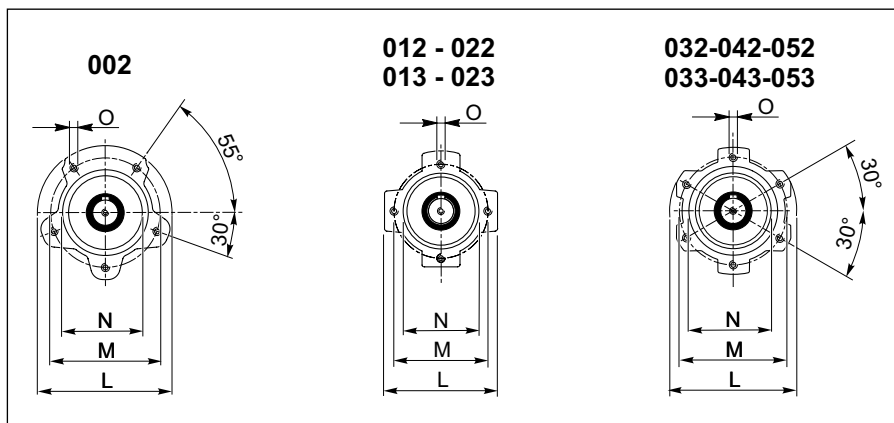
CMGV..2 U



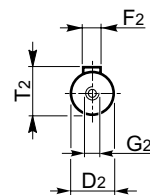
CMGV..3 U

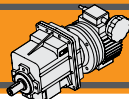


CMGV



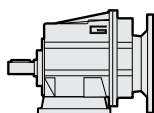
Albero uscita / Output shaft



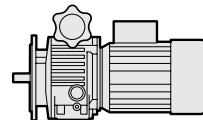


Dimensioni

Dimensions



CMG



VAM

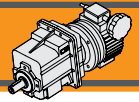
| CMG | A | B | I | LM | Albero uscita / Output shaft | | | | |
|------------|-----|------|------|--|------------------------------|----------------|----------------|----------------|----------------|
| | | | | | D ₂ h6 | E ₂ | F ₂ | G ₂ | T ₂ |
| 002 | 92 | 81.5 | 0 | 143 ¹⁾ 153 ²⁾ | 16 20 | 40 | 5 6 | M6 | 18 22.5 |
| 012 | 124 | 93 | 6.5 | 195 | 20 | 40 | 6 | M6 | 22.5 |
| 013 | | 112 | 43 | 268 | | | | | |
| 022 | 124 | 98 | 11.5 | 205 | 25 | 50 | 8 | M8 | 28 |
| 023 | | 117 | 48 | 278 | | | | | |
| 032 | 156 | 118 | 5 | 237 | 30 | 60 | 8 | M10 | 33 |
| 033 | | | 41.5 | 303 | | | | | |
| 042 | 156 | 128 | 15 | 250 | 35 | 70 | 10 | M12 | 38 |
| 043 | | | 51.5 | 316 | | | | | |
| 052 | 190 | 157 | 20 | 307.5 | 40 | 80 | 12 | M16 | 43 |
| 053 | | | 68 | 380 | | | | | |

| | VAM | | | | | | | |
|------------|-------|------|----|-----|-----|-----|-----|-----|
| | G | G3 | VC | VF | VL | VR | VR1 | VS |
| 018 | 112.5 | 64.5 | 71 | 111 | 78 | 110 | 110 | 85 |
| 037 | 110 | 74 | 71 | 123 | 90 | 110 | 110 | 85 |
| 075 | 139 | 85.5 | 79 | 140 | 107 | 120 | 120 | 85 |
| 15 | 188 | 115 | | 144 | 122 | 120 | 120 | 85 |
| 22 | 208 | 131 | | 188 | 150 | 160 | | 110 |
| 40 | 208 | 131 | | 188 | 150 | 160 | | 110 |

¹⁾ IEC 63/71, ²⁾ IEC 80

| Versione H / H Version | | | | | | | | | | |
|--------------------------|-----------|------------|------------|-----------|------------|-----------|-----------|------------|--------------|--------------------|
| CMG | P | Q | R | S | U | V | X | Z | Piede / Foot | |
| | | | | | | | | | Tipo / Type | Peso / Weight [kg] |
| 002 | 18 | 60 | 80 | 9 | 100 | 10 | 60 | 120 | H60 | 0.2 |
| | 18 | 80 | 104 | 9 | 110 - 120 | 10 | 75 | 145 | H75 | 0.3 |
| | 18 | 50 - 87 | 110 | 9 | 110 | 10 | 85 | 135 | H85 | 0.4 |
| 012 013 | 20 | 85 | 108 | 9 | 115 | 12 | 65 | 139 | H65 | 0.7 |
| | 18 | 80 | 118 | 9 | 110 | 12 | 75 | 140 | H75 | 1.0 |
| | 25 | 85 | 120 | 9 | 120 | 12 | 80 | 140 | H80 | 1.1 |
| | 18 | 50 - 87 | 118 | 9 | 110 | 12 | 85 | 130 | H85 | 1.2 |
| | 25 | 130 | 154 | 9 | 110 | 12 | 90 | 135 | H90 | 1.5 |
| | 18 | 60 - 107.5 | 135 | 11 | 130 | 12 | 100 | 155 | H100 | 1.7 |
| 022 023 | 20 | 85 | 108 | 9 | 115 | 12 | 65 | 139 | H65 | 0.7 |
| | 18 | 80 | 118 | 9 | 110 | 12 | 75 | 140 | H75 | 1.0 |
| | 25 | 85 | 120 | 9 | 120 | 12 | 80 | 140 | H80 | 1.1 |
| | 18 | 50 - 87 | 118 | 9 | 110 | 12 | 85 | 130 | H85 | 1.2 |
| | 25 | 130 | 154 | 9 | 110 | 12 | 90 | 135 | H90 | 1.5 |
| | 18 | 60 - 107.5 | 135 | 11 | 130 | 12 | 100 | 155 | H100 | 1.7 |
| 032 033 | 30 | 105 | 136 | 14 | 160 | 14 | 95 | 194 | H95 | 1.5 |
| | 30 | 100 | 150 | 11 | 150 | 14 | 110 | 185 | H110 | 1.9 |
| | 18 | 70 | | | 160 | | | | | |
| | 30 | 165 | 195 | 14 | 135 | 14 | 115 | 170 | H115 | 2.2 |
| | 35 | 110 | 160 | 14 | 170 | 14 | 120 | 210 | H120 | 2.6 |
| 042 043 | 30 | 105 | 136 | 14 | 160 | 14 | 95 | 194 | H95 | 1.5 |
| | 30 | 100 | 150 | 11 | 150 | 14 | 110 | 185 | H110 | 1.9 |
| | 18 | 70 | | | 160 | | | | | |
| | 30 | 165 | 195 | 14 | 135 | 14 | 115 | 170 | H115 | 2.2 |
| | 35 | 110 | 160 | 14 | 170 | 14 | 120 | 210 | H120 | 2.6 |
| 052 053 | 35 | 145 | 200 | 18 | 200 | 22 | 120 | 239 | H120 | 3.5 |
| | 35 | 205 | 244 | 18 | 170 | 22 | 140 | 219 | H140 | 4.3 |
| | 25 | 110 156 | 199 | 18 | 225 | 22 | 155 | 264 | H155 | 5.1 |

Preferenziale / Preferred

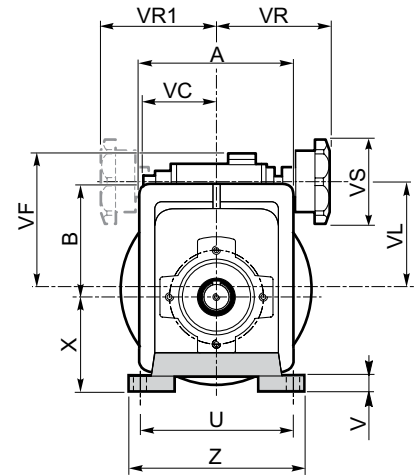
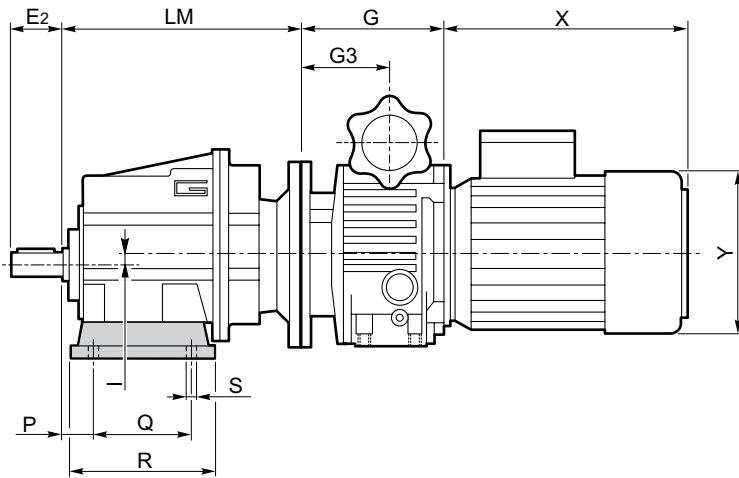


Dimensioni

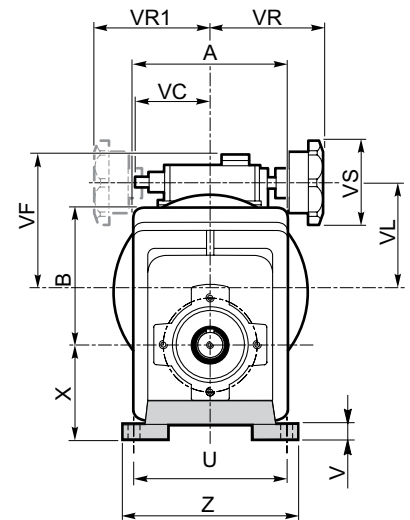
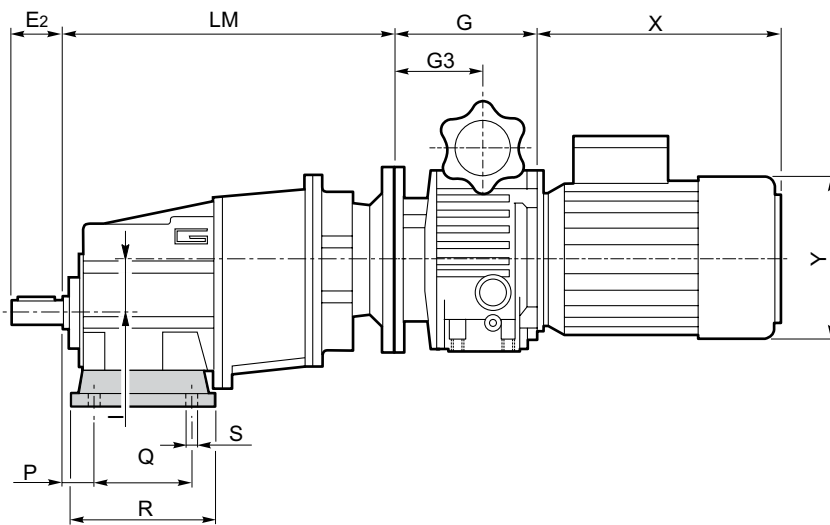
Dimensions

CMGV..H

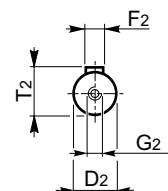
CMGV.2 H..



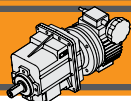
CMGV.3 H..



Albero uscita / Output shaft

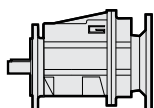


CMGV

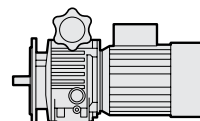


Dimensioni

Dimensions



CMG



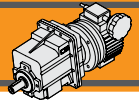
VAM

| CMG | A | B | I | LM | Albero uscita / Output shaft | | | | |
|------------|-----|------|------|--|------------------------------|----------------|----------------|----------------|----------------|
| | | | | | D ₂ h6 | E ₂ | F ₂ | G ₂ | T ₂ |
| 002 | 92 | 81.5 | 0 | 143 ¹⁾ 153 ²⁾ | 16 20 | 40 | 5 6 | M6 | 18 22.5 |
| 012 | 124 | 93 | 6.5 | 195 | 20 | 40 | 6 | M6 | 22.5 |
| 013 | | 112 | 43 | 268 | | | | | |
| 022 | 124 | 98 | 11.5 | 205 | 25 | 50 | 8 | M8 | 28 |
| 023 | | 117 | 48 | 278 | | | | | |
| 032 | 156 | 118 | 5 | 237 | 30 | 60 | 8 | M10 | 33 |
| 033 | | | 41.5 | 303 | | | | | |
| 042 | 156 | 128 | 15 | 250 | 35 | 70 | 10 | M12 | 38 |
| 043 | | | 51.5 | 316 | | | | | |
| 052 | 190 | 157 | 20 | 307.5 | 40 | 80 | 12 | M16 | 43 |
| 053 | | | 68 | 380 | | | | | |

¹⁾ IEC 63/71, ²⁾ IEC 80

| | VAM | | | | | | | |
|------------|-------|------|----|-----|-----|-----|-----|-----|
| | G | G3 | VC | VF | VL | VR | VR1 | VS |
| 018 | 112.5 | 64.5 | 71 | 111 | 78 | 110 | 110 | 85 |
| 037 | 110 | 74 | 71 | 123 | 90 | 110 | 110 | 85 |
| 075 | 139 | 85.5 | 79 | 140 | 107 | 120 | 120 | 85 |
| 15 | 188 | 115 | | 144 | 122 | 120 | 120 | 85 |
| 22 | 208 | 131 | | 188 | 150 | 160 | | 110 |
| 40 | 208 | 131 | | 188 | 150 | 160 | | 110 |

| Versione F / F Version | | | | | | | | | |
|--------------------------|-----|----|-----|-----|---------|-----|-----|------------------|--------------------|
| CMG | H | K | L | M | N f7 | O | P | Flangia / Flange | |
| | | | | | | | | Tipo / Type | Peso / Weight [kg] |
| 002 | 3.5 | 7 | 105 | 85 | 70 | 6.5 | 90 | F105 | 0.1 |
| | 3.5 | 8 | 120 | 100 | 80 | 7 | 100 | F120 | 0.2 |
| | 3.5 | 8 | 140 | 115 | 95 | 9 | 115 | F140 | 0.2 |
| 012 013 | 3 | 9 | 120 | 100 | 80 | 9 | 106 | F120 | 0.5 |
| | 3.5 | 9 | 140 | 115 | 95 | 9 | 115 | F140 | 0.8 |
| | 3.5 | 9 | 160 | 130 | 110 | 9 | 126 | F160 | 1.1 |
| | 3.5 | 11 | 200 | 165 | 130 | 11 | 165 | F200 | 1.8 |
| 022 023 | 3 | 9 | 120 | 100 | 80 | 9 | 106 | F120 | 0.5 |
| | 3.5 | 9 | 140 | 115 | 95 | 9 | 115 | F140 | 0.8 |
| | 3.5 | 9 | 160 | 130 | 110 | 9 | 126 | F160 | 1.1 |
| | 3.5 | 11 | 200 | 165 | 130 | 11 | 165 | F200 | 1.8 |
| 032 033 | 3.5 | 11 | 160 | 130 | 110 | 9 | 140 | F160 | 1.0 |
| | 3.5 | 11 | 200 | 165 | 130 | 11 | 165 | F200 | 1.8 |
| | 4 | 13 | 250 | 215 | 180 | 14 | 215 | F250 | 2.9 |
| 042 043 | 3.5 | 11 | 160 | 130 | 110 | 9 | 140 | F160 | 1.0 |
| | 3.5 | 11 | 200 | 165 | 130 | 11 | 165 | F200 | 1.8 |
| | 4 | 13 | 250 | 215 | 180 | 14 | 215 | F250 | 2.9 |
| 052 053 | 4 | 13 | 250 | 215 | 180 | 14 | 215 | F250 | 2.9 |
| | 4 | 13 | 300 | 265 | 230 | 14 | 265 | F300 | 4.4 |

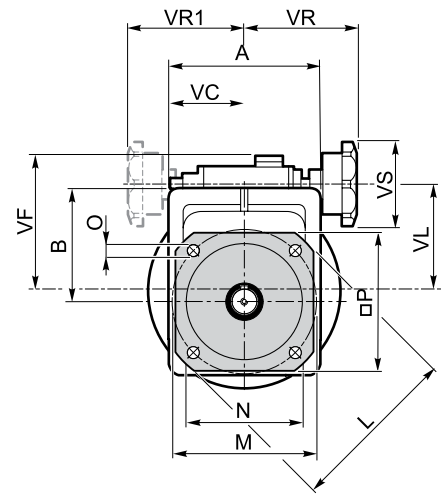
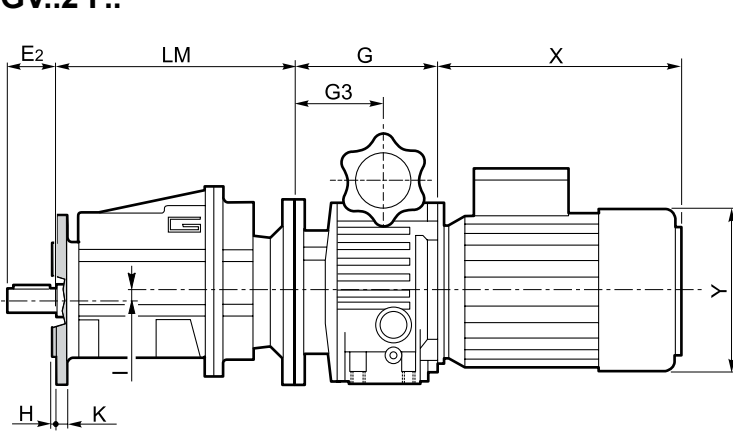


Dimensioni

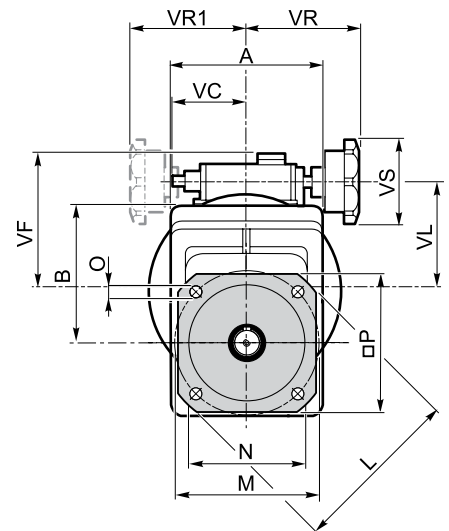
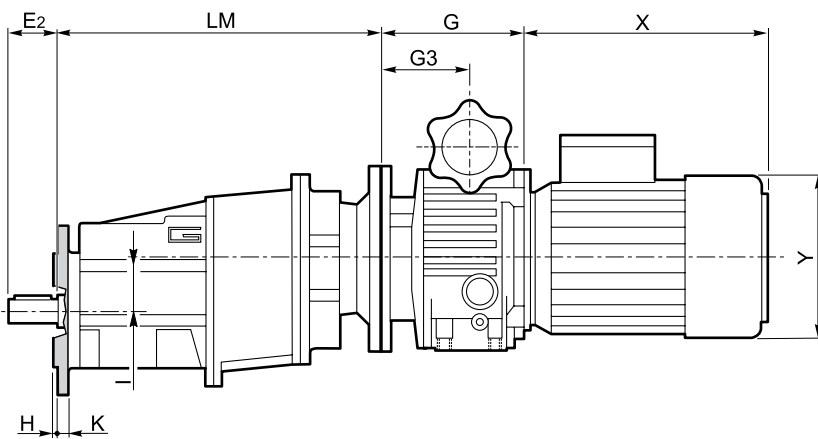
Dimensions

CMGV..F

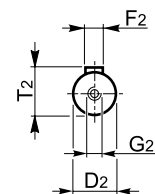
CMGV.2 F..



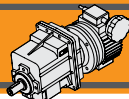
CMGV.3 F..



Albero uscita / Output shaft

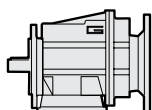


CMGV

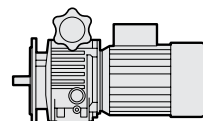


Dimensioni

Dimensions



CMG



VAM

| CMG | A | B | I | LM | Albero uscita / Output shaft | | | | |
|------------|-----|------|------|--|------------------------------|----------------|----------------|----------------|----------------|
| | | | | | D ₂ h6 | E ₂ | F ₂ | G ₂ | T ₂ |
| 002 | 92 | 81.5 | 0 | 143 ¹⁾ 153 ²⁾ | 16 20 | 40 | 5 6 | M6 | 18 22.5 |
| 012 | 124 | 93 | 6.5 | 195 | 20 | 40 | 6 | M6 | 22.5 |
| 013 | | 112 | 43 | 268 | | | | | |
| 022 | 124 | 98 | 11.5 | 205 | 25 | 50 | 8 | M8 | 28 |
| 023 | | 117 | 48 | 278 | | | | | |
| 032 | 156 | 118 | 5 | 237 | 30 | 60 | 8 | M10 | 33 |
| 033 | | | 41.5 | 303 | | | | | |
| 042 | 156 | 128 | 15 | 250 | 35 | 70 | 10 | M12 | 38 |
| 043 | | | 51.5 | 316 | | | | | |
| 052 | 190 | 157 | 20 | 307.5 | 40 | 80 | 12 | M16 | 43 |
| 053 | | | 68 | 380 | | | | | |

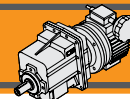
| | VAM | | | | | | | |
|------------|-------|------|----|-----|-----|-----|-----|-----|
| | G | G3 | VC | VF | VL | VR | VR1 | VS |
| 018 | 112.5 | 64.5 | 71 | 111 | 78 | 110 | 110 | 85 |
| 037 | 110 | 74 | 71 | 123 | 90 | 110 | 110 | 85 |
| 075 | 139 | 85.5 | 79 | 140 | 107 | 120 | 120 | 85 |
| 15 | 188 | 115 | | 144 | 122 | 120 | 120 | 85 |
| 22 | 208 | 131 | | 188 | 150 | 160 | | 110 |
| 40 | 208 | 131 | | 188 | 150 | 160 | | 110 |

¹⁾ IEC 63/71, ²⁾ IEC 80

| Versione H / H Version | | | | | | | | | | Combinazioni possibili H/F Possible combinations H/F | | | | | | | |
|--------------------------|-----------|------------|------------|-----------|------------|-----------|-----------|------------|--------------|---|------|------|------|------|------|------|------|
| CMG | P | Q | R | S | U | V | X | Z | Piede / Foot | | F105 | F120 | F140 | F160 | F200 | F250 | F300 |
| | | | | | | | | | Tipo Type | Peso [kg] Weight [kg] | | | | | | | |
| 002 | 18 | 60 | 80 | 9 | 100 | 10 | 60 | 120 | H60 | 0.2 | • | • | • | | | | |
| | 18 | 80 | 104 | 9 | 110-120 | 10 | 75 | 145 | H75 | 0.3 | • | • | • | | | | |
| | 18 | 50 - 87 | 110 | 9 | 110 | 10 | 85 | 135 | H85 | 0.4 | • | • | • | | | | |
| 012 013 | 20 | 85 | 108 | 9 | 115 | 12 | 65 | 139 | H65 | 0.7 | | • | • | | | | |
| | 18 | 80 | 118 | 9 | 110 | 12 | 75 | 140 | H75 | 1.0 | | • | • | • | | | |
| | 25 | 85 | 120 | 9 | 120 | 12 | 80 | 140 | H80 | 1.1 | | • | • | • | | | |
| | 18 | 50 - 87 | 118 | 9 | 110 | 12 | 85 | 130 | H85 | 1.2 | | • | • | • | | | |
| | 25 | 130 | 154 | 9 | 110 | 12 | 90 | 135 | H90 | 1.5 | | • | • | • | • | | |
| 022 023 | 18 | 60 - 107.5 | 135 | 11 | 130 | 12 | 100 | 155 | H100 | 1.7 | | • | • | • | • | | |
| | 20 | 85 | 108 | 9 | 115 | 12 | 65 | 139 | H65 | 0.7 | | • | • | | | | |
| | 18 | 80 | 118 | 9 | 110 | 12 | 75 | 140 | H75 | 1.0 | | • | • | • | | | |
| | 25 | 85 | 120 | 9 | 120 | 12 | 80 | 140 | H80 | 1.1 | | • | • | • | | | |
| | 18 | 50 - 87 | 118 | 9 | 110 | 12 | 85 | 130 | H85 | 1.2 | | • | • | • | | | |
| 032 033 | 25 | 130 | 154 | 9 | 110 | 12 | 90 | 135 | H90 | 1.5 | | • | • | • | • | | |
| | 18 | 60 - 107.5 | 135 | 11 | 130 | 12 | 100 | 155 | H100 | 1.7 | | • | • | • | • | | |
| | 30 | 105 | 136 | 14 | 160 | 14 | 95 | 194 | H95 | 1.5 | | | | • | • | | |
| | 30 | 100 | 150 | 11 | 150 | 14 | 110 | 185 | H110 | 1.9 | | | | • | • | | |
| | 18 | 70 | | | 160 | | | | H110 | 1.9 | | | | • | • | | |
| 30 | 165 | 195 | 14 | 135 | 14 | 115 | 170 | H115 | 2.2 | | | | • | • | • | | |
| 35 | 110 | 160 | 14 | 170 | 14 | 120 | 210 | H120 | 2.6 | | | | • | • | • | | |
| 042 043 | 30 | 105 | 136 | 14 | 160 | 14 | 95 | 194 | H95 | 1.5 | | | | • | • | | |
| | 30 | 100 | 150 | 11 | 150 | 14 | 110 | 185 | H110 | 1.9 | | | | • | • | | |
| | 18 | 70 | | | 160 | | | | H110 | 1.9 | | | | • | • | | |
| | 30 | 165 | 195 | 14 | 135 | 14 | 115 | 170 | H115 | 2.2 | | | | • | • | • | |
| | 35 | 110 | 160 | 14 | 170 | 14 | 120 | 210 | H120 | 2.6 | | | | • | • | • | |
| 052 053 | 35 | 145 | 199 | 18 | 200 | 22 | 120 | 239 | H120 | 3.5 | | | | | | • | • |
| | 35 | 205 | 244 | 18 | 170 | 22 | 140 | 219 | H140 | 4.3 | | | | | | • | • |
| | 25 | 110 | 199 | 18 | 225 | 22 | 155 | 264 | H155 | 5.1 | | | | | | • | • |
| 156 | 225 | H155 | | | 5.1 | | | | | | | | • | • | | | |

Preferenziale / Preferred

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

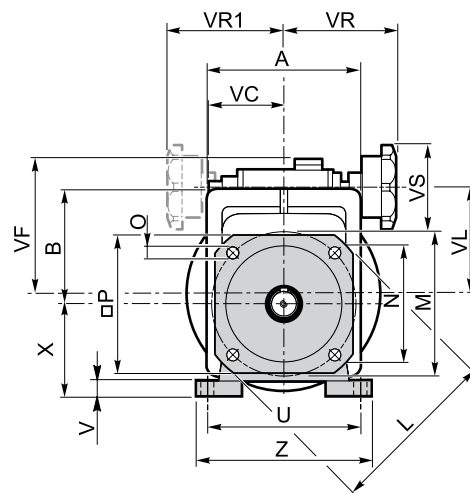
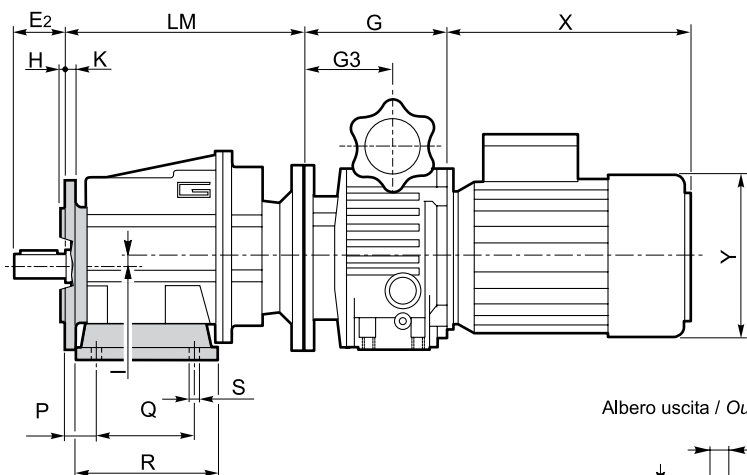


Dimensioni

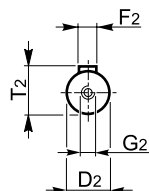
Dimensions

CMGV..H/F

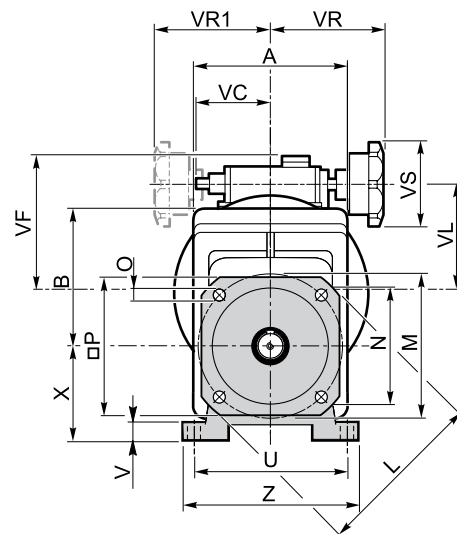
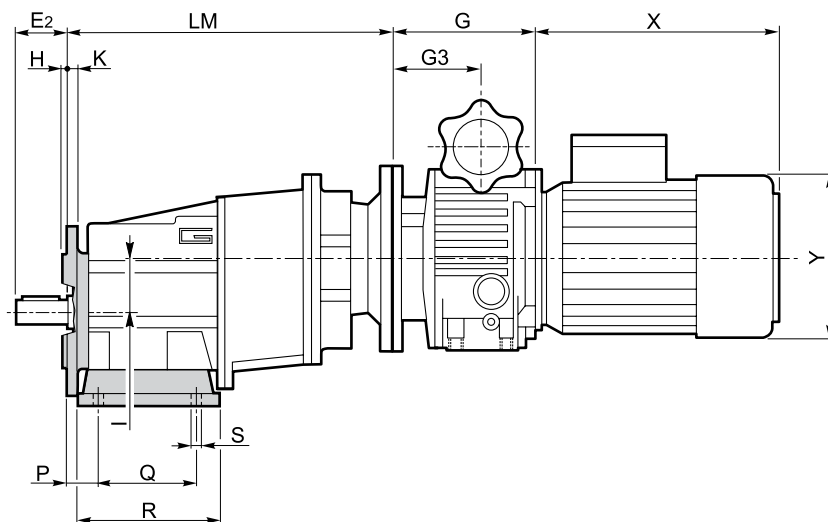
CMGV..2 H../F..



Albero uscita / Output shaft



CMGV..3 H../F..



Versione F / F Version

| CMG | H | K | L | M | N f7 | O | P | Flangia / Flange | | |
|-----|-----|-----|-----|-----|---------|-----|-----|------------------|-----------------------|-----|
| | | | | | | | | Tipo / Type | Peso / Weight [kg] | |
| 002 | 3.5 | 7 | 105 | 85 | 70 | 6.5 | 90 | F105 | 0.1 | |
| | 3.5 | 8 | 120 | 100 | 80 | 7 | 100 | F120 | 0.2 | |
| | 3.5 | 8 | 140 | 115 | 95 | 9 | 115 | F140 | 0.2 | |
| 012 | 3 | 9 | 120 | 100 | 80 | 9 | 106 | F120 | 0.5 | |
| | 3.5 | 9 | 140 | 115 | 95 | 9 | 115 | F140 | 0.8 | |
| | 013 | 3.5 | 9 | 160 | 130 | 110 | 9 | 126 | F160 | 1.1 |
| | 3.5 | 11 | 200 | 165 | 130 | 11 | 165 | F200 | 1.8 | |
| 022 | 3 | 9 | 120 | 100 | 80 | 9 | 106 | F120 | 0.5 | |
| | 3.5 | 9 | 140 | 115 | 95 | 9 | 115 | F140 | 0.8 | |
| | 023 | 3.5 | 9 | 160 | 130 | 110 | 9 | 126 | F160 | 1.1 |
| | 3.5 | 11 | 200 | 165 | 130 | 11 | 165 | F200 | 1.8 | |
| 032 | 3.5 | 11 | 160 | 130 | 110 | 9 | 140 | F160 | 1.0 | |
| | 033 | 3.5 | 11 | 200 | 165 | 130 | 11 | 165 | F200 | 1.8 |
| | | 4 | 13 | 250 | 215 | 150 | 14 | 215 | F250 | 2.9 |
| 042 | 3.5 | 11 | 160 | 130 | 110 | 9 | 140 | F160 | 1.0 | |
| | 043 | 3.5 | 11 | 200 | 165 | 130 | 11 | 165 | F200 | 1.8 |
| | | 4 | 13 | 250 | 215 | 150 | 14 | 215 | F250 | 2.9 |
| 052 | 4 | 13 | 250 | 215 | 150 | 14 | 215 | F250 | 2.9 | |
| | 053 | 4 | 13 | 300 | 265 | 230 | 14 | 265 | F300 | 4.4 |

CMGV



