

Motoriduttori brushless CC epicicloidali

Brushless DC planetary gearmotors

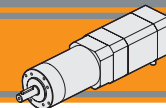
P52 con motore brushless

P52 with brushless motor

| P52 | | | BLS022.240 | | | | | | | | | | | | | | |
|---------------|--------------|------------|---------------------------|-----|-----|---------------------------|-----|-----|---------------------------|---------------------------|-----|-----|---------------------------|-----|-----|---------------------------|-----|
| | | | 24V | | | | | | 36V | | | | | | | | |
| Ns | ir | in | n _{2MIN} [rpm] | | | n _{2MAX} [rpm] | | | n _{1MAX} [rpm] | n _{2MIN} [rpm] | | | n _{2MAX} [rpm] | | | n _{1MAX} [rpm] | |
| | | | M ₂ [Nm] | sf | | M ₂ [Nm] | sf | | | M ₂ [Nm] | sf | | M ₂ [Nm] | sf | | | |
| 1 | 3.7 | 4 | 81 | 0.7 | 9.0 | 811 | 0.7 | 6.1 | 3000 | 108 | 0.7 | 9.0 | 1081 | 0.7 | 5.4 | 4000 | |
| | 4.28 | 4 | 70 | 0.8 | 7.8 | 701 | 0.8 | 5.3 | | 93 | 0.8 | 7.8 | 935 | 0.8 | 4.7 | | |
| | 5.18 | 5 | 58 | 0.9 | 6.4 | 579 | 0.9 | 4.4 | | 77 | 0.9 | 6.4 | 772 | 0.9 | 3.9 | | |
| | 6.75 | 7 | 44 | 1.2 | 4.9 | 444 | 1.2 | 3.3 | | 59 | 1.2 | 4.9 | 593 | 1.2 | 3.0 | | |
| 2 | 13.73 | 14 | 22 | 2.3 | 7.6 | 218 | 2.3 | 5.2 | | 29 | 2.3 | 7.6 | 291 | 2.3 | 4.6 | | |
| | 15.88 | 16 | 19 | 2.6 | 6.6 | 189 | 2.6 | 4.5 | | 25 | 2.6 | 6.6 | 252 | 2.6 | 4.0 | | |
| | 18.36 | 18 | 16 | 3.0 | 5.7 | 163 | 3.0 | 3.9 | | 22 | 3.0 | 5.7 | 218 | 3.0 | 3.4 | | |
| | 19.2 | 19 | 16 | 3.2 | 5.4 | 156 | 3.2 | 3.7 | | 21 | 3.2 | 5.4 | 208 | 3.2 | 3.3 | | |
| | 22.2 | 22 | 14 | 3.7 | 4.7 | 135 | 3.7 | 3.2 | | 18 | 3.7 | 4.7 | 180 | 3.7 | 2.8 | | |
| | 25.01 | 25 | 12 | 4.1 | 4.2 | 120 | 4.1 | 2.8 | | 16 | 4.1 | 4.2 | 160 | 4.1 | 2.5 | | |
| | 26.9 | 27 | 11 | 4.4 | 3.9 | 112 | 4.4 | 2.6 | | 15 | 4.4 | 3.9 | 149 | 4.4 | 2.3 | | |
| | 28.9 | 29 | 10 | 4.8 | 3.6 | 104 | 4.8 | 2.5 | | 14 | 4.8 | 3.6 | 138 | 4.8 | 2.2 | | |
| | 35.0 | 35 | 8.6 | 5.8 | 3.0 | 86 | 5.8 | 2.0 | | 11 | 5.8 | 3.0 | 114 | 5.8 | 1.8 | | |
| | 45.6 | 46 | 6.6 | 7.5 | 2.3 | 66 | 7.5 | 1.6 | | 8.8 | 7.5 | 2.3 | 88 | 7.5 | 1.4 | | |
| | 3 | 50.9 | 51 | 5.9 | 8 | 4.7 | 59 | 7.8 | | 3.2 | 7.9 | 8 | 4.7 | 79 | 7.8 | | 2.8 |
| | | 58.9 | 59 | 5.1 | 9 | 4.1 | 51 | 9.1 | | 2.8 | 6.8 | 9 | 4.1 | 68 | 9.1 | | 2.4 |
| 68.1 | | 68 | 4.4 | 10 | 3.5 | 44 | 10 | 2.4 | 5.9 | 10 | 3.5 | 59 | 10 | 2.1 | | | |
| 71.2 | | 71 | 4.2 | 11 | 3.4 | 42 | 11 | 2.3 | 5.6 | 11 | 3.4 | 56 | 11 | 2.0 | | | |
| 78.7 | | 79 | 3.8 | 12 | 3.0 | 38 | 12 | 2.1 | 5.1 | 12 | 3.0 | 51 | 12 | 1.8 | | | |
| 92.7 | | 93 | 3.2 | 14 | 2.6 | 32 | 14 | 1.7 | 4.3 | 14 | 2.6 | 43 | 14 | 1.5 | | | |
| 95.2 | | 95 | 3.2 | 15 | 2.5 | 32 | 15 | 1.7 | 4.2 | 15 | 2.5 | 42 | 15 | 1.5 | | | |
| 99.5 | | 100 | 3.0 | 15 | 2.4 | 30 | 15 | 1.6 | 4.0 | 15 | 2.4 | 40 | 15 | 1.4 | | | |
| 107.2 | | 107 | 2.8 | 17 | 2.2 | 28 | 17 | 1.5 | 3.7 | 17 | 2.2 | 37 | 17 | 1.3 | | | |
| 115.07 | | 115 | 2.6 | 18 | 2.1 | 26 | 18 | 1.4 | 3.5 | 18 | 2.1 | 35 | 18 | 1.2 | | | |
| 123.97 | | 124 | 2.4 | 19 | 1.9 | 24 | 19 | 1.3 | 3.2 | 19 | 1.9 | 32 | 19 | 1.2 | | | |
| 129.62 | | 130 | 2.3 | 20 | 1.8 | 23 | 20 | 1.3 | 3.1 | 20 | 1.8 | 31 | 20 | 1.1 | | | |
| 139.13 | | 139 | 2.2 | 21 | 1.7 | 22 | 21 | 1.2 | 2.9 | 21 | 1.7 | 29 | 21 | 1.0 | | | |
| 149.9 | | 150 | 2.0 | 23 | 1.6 | 20 | 23 | 1.1 | 2.7 | 23 | 1.6 | 27 | 23 | 1.0 | | | |
| 168.84 | | 169 | 1.8 | 26 | 1.4 | 18 | 26 | 1.0 | 2.4 | 26 | 1.4 | 24 | 26 | 0.8 | | | |
| 181.24 | | 181 | 1.7 | 28 | 1.3 | 17 | 28 | 0.9 | 2.2 | 28 | 1.3 | 22 | 28 | 0.8 | | | |
| 195.26 | 195 | 1.5 | 30 | 1.2 | 15 | 30 | 0.8 | 2.0 | 30 | 1.2 | 20 | 30 | 0.7 | | | | |
| 236.09 | 236 | 1.3 | 36 | 1.0 | 13 | 36 | 0.7 | 1.7 | 36 | 1.0 | 17 | 31 | 0.7 | | | | |
| 307.54 | 308 | 1.0 | 47 | 0.8 | 9.8 | 36 | 0.7 | 1.3 | 47 | 0.8 | 13 | 31 | 0.7 | | | | |

Rapporti preferenziali
Preferred ratios

Attenzione: superamento della coppia nominale supportata dal riduttore per servizio S1.
Contattare il ns. servizio tecnico
Attention: rated torque withstood by gear reducer for service in S1 is exceeded.
Please, contact our technical office.



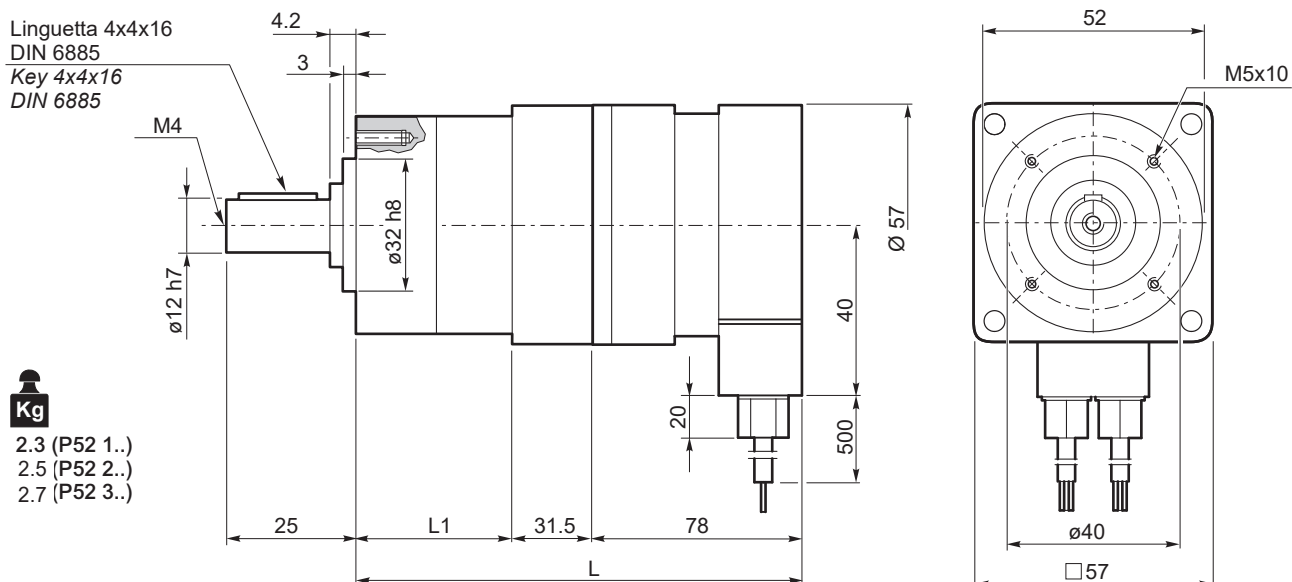
P52 con motore brushless CC

P52 with brushless DC motor

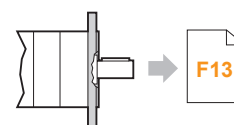
| Tipo Type | Numero di poli Number of poles | Numero di fasi Number of phase | Tensione Rated voltage [V] | Numero di giri Rated speed [rpm] | Coppia nominale Rated torque [Nm] | Potenza nominale Rated power [W] |
|--------------|--------------------------------------|--|----------------------------------|---------------------------------------|--|---------------------------------------|
| BLS022.240 | 4 | 3 | 36 | 4000 | 0.22 | 92 |
| | | | 24 | 3000 | | 70 |
| Tipo Type | Coppia massima Peak torque [Nm] | Corrente nominale Rated current [A] | Resistenza Resistance [ohm] | Induttanza Inductance [mH] | Corrente massima Peak current [A] | Peso Weight [kg] |
| BLS022.240 | 0.44 | 3.7 | 0.64 | 3.1 | 7.4 | 0.72 |



P52.. + BLS022.240



| P52 | BLS022.240 | | |
|-----|------------|----|-------|
| | Ns | L1 | L |
| | 1 | 46 | 155.5 |
| | 2 | 60 | 169.5 |
| | 3 | 74 | 183.5 |



P52.. AS...