



FT146 con motore brushless CC

FT146 with brushless DC motor

| FT146 | BLS043.240 | | | | | | | | | | | | | |
|-------|--------------------------|-----|---------------------|--------------------------|---------------------|-----|--------------------------|--------------------------|-----|---------------------|--------------------------|---------------------|-----|--------------------------|
| | 24V | | | | | | 36V | | | | | | | |
| | n ₂ MIN [rpm] | | | n ₂ MAX [rpm] | | | n ₁ MAX [rpm] | n ₂ MIN [rpm] | | | n ₂ MAX [rpm] | | | n ₁ MAX [rpm] |
| ir | M ₂ [Nm] | sf | M ₂ [Nm] | sf | M ₂ [Nm] | sf | | M ₂ [Nm] | sf | M ₂ [Nm] | sf | M ₂ [Nm] | sf | |
| 18.8 | 16.0 | 7.6 | 12.1 | 160 | 7.6 | 8.2 | 3000 | 21.3 | 7.6 | 12.1 | 213 | 7.6 | 7.3 | 4000 |
| 26.2 | 11.5 | 11 | 8.7 | 115 | 11 | 5.9 | | 15.3 | 11 | 8.7 | 153 | 11 | 5.2 | |
| 28.3 | 10.6 | 11 | 8.1 | 106 | 11 | 5.5 | | 14.2 | 11 | 8.1 | 142 | 11 | 4.8 | |
| 35.1 | 8.6 | 14 | 8.1 | 86 | 14 | 5.5 | | 11.4 | 14 | 8.1 | 114 | 14 | 4.9 | |
| 39.4 | 7.6 | 16 | 7.1 | 76 | 16 | 4.8 | | 10.1 | 16 | 7.1 | 101 | 16 | 4.2 | |
| 46.4 | 6.5 | 19 | 6.1 | 65 | 19 | 4.2 | | 8.6 | 19 | 6.1 | 86 | 19 | 3.7 | |
| 52.9 | 5.7 | 21 | 5.4 | 57 | 21 | 3.7 | | 7.6 | 21 | 5.4 | 76 | 21 | 3.2 | |
| 60.6 | 4.9 | 25 | 5.2 | 49 | 25 | 3.5 | | 6.6 | 25 | 5.2 | 66 | 25 | 3.1 | |
| 70.0 | 4.3 | 28 | 4.5 | 43 | 28 | 3.0 | | 5.7 | 28 | 4.5 | 57 | 28 | 2.7 | |
| 84.6 | 3.5 | 34 | 3.7 | 35 | 34 | 2.5 | | 4.7 | 34 | 3.7 | 47 | 34 | 2.2 | |
| 95.6 | 3.1 | 39 | 3.3 | 31 | 39 | 2.2 | | 4.2 | 39 | 3.3 | 42 | 39 | 2.0 | |
| 113.4 | 2.6 | 46 | 2.8 | 26 | 46 | 1.9 | | 3.5 | 46 | 2.8 | 35 | 46 | 1.7 | |
| 133.4 | 2.2 | 54 | 2.3 | 22 | 54 | 1.6 | | 3.0 | 54 | 2.3 | 30 | 54 | 1.4 | |
| 150.2 | 2.0 | 61 | 2.1 | 20 | 61 | 1.4 | | 2.7 | 61 | 2.1 | 27 | 61 | 1.3 | |
| 160.4 | 1.9 | 65 | 2.1 | 19 | 65 | 1.4 | | 2.5 | 65 | 2.1 | 25 | 65 | 1.3 | |
| 178.8 | 1.7 | 72 | 1.9 | 17 | 72 | 1.3 | | 2.2 | 72 | 1.9 | 22 | 72 | 1.1 | |
| 223.9 | 1.3 | 91 | 1.5 | 13 | 91 | 1.0 | | 1.8 | 91 | 1.5 | 18 | 91 | 0.9 | |
| 236.8 | 1.3 | 96 | 1.4 | 13 | 96 | 1.0 | | 1.7 | 96 | 1.4 | 17 | 96 | 0.9 | |
| 300.1 | 1.0 | 121 | 1.1 | 10.0 | 121 | 0.8 | | 1.3 | 121 | 1.1 | 13 | 118 | 0.7 | |
| 397.4 | 0.8 | 161 | 0.9 | 7.5 | 134 | 0.7 | | 1.0 | 161 | 0.9 | 10 | 118 | 0.7 | |

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.

| 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] |
|--------------|--------------------------------------|--|----------------------------------|---------------------------------------|--|---------------------------------------|
| BLS043.240 | 4 | 3 | 36 | 4000 | 0.43 | 180 |
| | | | 24 | 3000 | | 130 |
| 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] |
| BLS043.240 | 0.86 | 6 | 0.35 | 1 | 12.0 | 1.25 |

