



Servo Motori Brushless

SERVO MOTORI ATEX - ZONA 2-22

- Zona 2 e 22 ovvero categorie 3G (gas) e 3D (polveri)



TECHNICAL DATA

Motor Type

B71.16Q 16 Nm - 4500 rpm - 8 poles - 400V

PERFORMANCE DATA

| | |
|--|---------|
| Type | B71.16Q |
| Stall torque (Deltat=105°C) Mo Nm | 16 |
| Rated speed n rpm | 4500 |
| Rated power P _n kW | 6 |
| Rated torque (Deltat=105°C) Mn Nm | 12.7 |
| Peak torque M _{pk} Nm | 55.2 |
| Max speed n _{max} rpm | 6600 |
| Moment of inertia J 10?? Kgm ² | 10.7 |
| Peack torque acceleration a _{pk} rad/sec ² | 51589 |
| Thermal time constant T _{th} min | 43 |
| Thermal protection threshold ?max °C | 140 |
| Voltage constant k _e V _s | 0.63 |
| Torque constant k _t Nm/A | 1.09 |
| Resistance phase to phase (20°C) R _w ? | 0.34 |

| | |
|------------------------------------|------|
| Inductance phase to phase L_w mH | 4.1 |
| B.E.M.F. @ rated speed E_n Vrms | 296 |
| Stall current I_o Arms | 14.7 |
| Rated current I_n Arms | 11.7 |
| Peak current I_{pk} Arms | |
| Power connector size | 7/1 |

Electrical Data

| | |
|-----------|------|
| Weight kg | 15.5 |
| Poles | 8 |
| Voltage | 400V |