



Servo Motori Brushless

SERVO MOTORI ATEX - ZONA 2-22

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



TECHNICAL DATA

Motor Type

B71.12Q 12.5 Nm - 3000 rpm - 8 poles - 400V

PERFORMANCE DATA

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|--|---------|
| Type | B71.12Q |
| Stall torque (Deltat=105°C) Mo Nm | 12.5 |
| Rated speed n rpm | 3000 |
| Rated power P _n kW | 3.6 |
| Rated torque (Deltat=105°C) Mn Nm | 11.6 |
| Peak torque M _{pk} Nm | 41.4 |
| Max speed n _{max} rpm | 6600 |
| Moment of inertia J 10?? Kgm ² | 8.2 |
| Peack torque acceleration a _{pk} rad/sec ² | 50488 |
| Thermal time constant T _{th} min | 40 |
| Thermal protection threshold ?max °C | 140 |
| Voltage constant k _e V _s | 0.94 |
| Torque constant k _t Nm/A | 1.63 |
| Resistance phase to phase (20°C) R _w ? | 1.13 |

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| Inductance phase to phase L_w mH | 12.5 |
| B.E.M.F. @ rated speed E_n Vrms | 296 |
| Stall current I_o Arms | 7.7 |
| Rated current I_n Arms | 7.1 |
| Peak current I_{pk} Arms | |
| Power connector size | 7/1 |

Electrical Data

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|------------------|------|
| Weight kg | 11.5 |
| Poles | 8 |
| Voltage | 400V |