



Servo Motori Brushless

SERVO MOTORI ATEX - ZONA 2-22

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



TECHNICAL DATA

Motor Type

B30.E4J 1.4 Nm - 6000 rpm - 10 poles - 400V

PERFORMANCE DATA

Type	B30.E4J
Stall torque (Deltat=105°C) Mo Nm	1.4
Rated speed n rpm	6000
Rated power P _n kW	700
Rated torque (Deltat=105°C) Mn Nm	1.1
Peak torque M _{pk} Nm	4.8
Max speed n _{max} rpm	6600
Moment of inertia J 10?? Kgm ²	0.41
Peack torque acceleration a _{pk} rad/sec ²	117073
Thermal time constant T _{th} min	20
Thermal protection threshold ?max °C	140
Voltage constant k _e V _s	0.47
Torque constant k _t Nm/A	0.81
Resistance phase to phase (20°C) R _w ?	9.9

Inductance phase to phase L_w mH	12.9
B.E.M.F. @ rated speed E_n Vrms	296
Stall current I_o Arms	1.72
Rated current I_n Arms	1.35
Peak current I_{pk} Arms	6.9
Power connector size	8/-

Electrical Data

Weight kg	1.7
Poles	10
Voltage	400V