



Servo Motori Brushless

SERVO MOTORI ATEX - ZONA 2-22

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



TECHNICAL DATA

Motor Type

B71.38Q 38 Nm - 2000 rpm - 8 poles - 400V

PERFORMANCE DATA

Type	B71.38Q
Stall torque (Deltat=105°C) Mo Nm	38
Rated speed n rpm	2000
Rated power P _n kW	5.9
Rated torque (Deltat=105°C) Mn Nm	28
Peak torque M _{pk} Nm	151
Max speed n _{max} rpm	6600
Moment of inertia J 10?? Kgm ²	28
Peack torque acceleration a _{pk} rad/sec ²	53929
Thermal time constant T _{th} min	55
Thermal protection threshold ?max °C	140
Voltage constant k _e V _s	1.41
Torque constant k _t Nm/A	2.44
Resistance phase to phase (20°C) R _w ?	0.54

Inductance phase to phase L_w mH	6.8
B.E.M.F. @ rated speed E_n Vrms	296
Stall current I_o Arms	15.6
Rated current I_n Arms	11.5
Peak current I_{pk} Arms	
Power connector size	7/1

Electrical Data

Weight kg	31.9
Poles	8
Voltage	400V