



Servo Motori Brushless

SERVO MOTORI ATEX - ZONA 2-22

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



TECHNICAL DATA

Motor Type

B28.D5Q 0.5 Nm - 6000 rpm - 8 poles - 400V

PERFORMANCE DATA

Type	B28.D5Q
Stall torque (Deltat=105°C) Mo Nm	0.5
Rated speed n rpm	6000
Rated power P _n kW	295
Rated torque (Deltat=105°C) Mn Nm	0.47
Peak torque M _{pk} Nm	2
Max speed n _{max} rpm	6600
Moment of inertia J 10?? Kgm ²	0.13
Peack torque acceleration a _{pk} rad/sec ²	153846
Thermal time constant T _{th} min	34
Thermal protection threshold ?max °C	140
Voltage constant k _e V _s	0.42
Torque constant k _t Nm/A	0.73
Resistance phase to phase (20°C) R _w ?	38.9

Inductance phase to phase L_w mH	55.9
B.E.M.F. @ rated speed E_n Vrms	264
Stall current I_o Arms	0.69
Rated current I_n Arms	0.65
Peak current I_{pk} Arms	3.2
Power connector size	7/1

Electrical Data

Weight kg	1.7
Poles	8
Voltage	400V