



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.E2Q 1.25 Nm - 3000 rpm - 8 poles - 400V

PERFORMANCE DATA

Type	B28.E2Q
Stall torque (Deltat=105°C) Mo Nm	1.25
Rated speed n rpm	3000
Rated power P _n kW	380.1
Rated torque (Deltat=105°C) Mn Nm	1.21
Peak torque M _{pk} Nm	5
Max speed n _{max} rpm	6600
Moment of inertia J 10?? Kgm ²	0.31
Peack torque acceleration a _{pk} rad/sec ²	161290
Thermal time constant T _{th} min	40
Thermal protection threshold ?max °C	140
Voltage constant k _e V _s	0.84
Torque constant k _t Nm/A	1.45
Resistance phase to phase (20°C) R _w ?	38.6

Inductance phase to phase L_w mH	58.3
B.E.M.F. @ rated speed E_n Vrms	264
Stall current I_o Arms	0.86
Rated current I_n Arms	0.83
Peak current I_{pk} Arms	4.1
Power connector size	7/1

Electrical Data

Weight kg	2.5
Poles	8
Voltage	400V