



Servo Motori Brushless

SERVO MOTORI ATEX - ZONA 2-22

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



TECHNICAL DATA

Motor Type

B16.C8Q 180 Nm - 1500 rpm - 8 poles - 400V

PERFORMANCE DATA

Type	B16.C8Q
Stall torque (Deltat=105°C) Mo Nm	180
Rated speed n rpm	1500
Rated power P _n kW	22
Rated torque (Deltat=105°C) Mn Nm	140
Peak torque M _{pk} Nm	650
Max speed n _{max} rpm	3800
Moment of inertia J 10?? Kgm ²	373
Peack torque acceleration a _{pk} rad/sec ²	17426
Thermal time constant T _{th} min	65
Thermal protection threshold ?max °C	140
Voltage constant k _e V _s	1.88
Torque constant k _t Nm/A	3.26
Resistance phase to phase (20°C) R _w ?	0.093

Inductance phase to phase L_w mH	3.10
B.E.M.F. @ rated speed E_n Vrms	296
Stall current I_o Arms	55
Rated current I_n Arms	43
Peak current I_{pk} Arms	
Power connector size	7/1.5

Electrical Data

Weight kg	140
Poles	8
Voltage	400V