



Servo Motori Brushless

SERVO MOTORI ATEX - ZONA 2-22

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



TECHNICAL DATA

Motor Type

B63.06Q 6 Nm - 6000 rpm - 8 poles - 400V

PERFORMANCE DATA

Type	B63.06Q
Stall torque (Deltat=105°C) Mo Nm	6
Rated speed n rpm	6000
Rated power P _n kW	2.3
Rated torque (Deltat=105°C) Mn Nm	3.6
Peak torque M _{pk} Nm	18
Max speed n _{max} rpm	6600
Moment of inertia J 10?? Kgm ²	2.67
Peack torque acceleration a _{pk} rad/sec ²	67416
Thermal time constant T _{th} min	30
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 ?	0.88

Inductance phase to phase L_w mH	6
B.E.M.F. @ rated speed E_n Vrms	296
Stall current I_o Arms	7.4
Rated current I_n Arms	4.4
Peak current I_{pk} Arms	33
Power connector size	7/1

Electrical Data

Weight kg	5.3
Poles	8
Voltage	400V