



Servo Motori Brushless

SERVO MOTORI ATEX - ZONA 2-22

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



TECHNICAL DATA

Motor Type

B63.08Q 8 Nm - 4500 rpm - 8 poles - 400V

PERFORMANCE DATA

Type	B63.08Q
Stall torque (Deltat=105°C) Mo Nm	8
Rated speed n rpm	4500
Rated power P _n kW	2.9
Rated torque (Deltat=105°C) Mn Nm	6.2
Peak torque M _{pk} Nm	24
Max speed n _{max} rpm	6600
Moment of inertia J 10?? Kgm ²	3.47
Peack torque acceleration a _{pk} rad/sec ²	69164
Thermal time constant T _{th} min	30
Thermal protection threshold ?max °C	140
Voltage constant k _e V _s	0.63
Torque constant k _t Nm/A	1.09
Resistance phase to phase (20°C) R _w ?	1.1

Inductance phase to phase L_w mH	9.7
B.E.M.F. @ rated speed E_n Vrms	296
Stall current I_o Arms	7.4
Rated current I_n Arms	5.7
Peak current I_{pk} Arms	33.1
Power connector size	7/1

Electrical Data

Weight kg	7.1
Poles	8
Voltage	400V