



### Servo Motori Brushless

### SERVO MOTORI ATEX - ZONA 2-22

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



## TECHNICAL DATA

Motor Type

B36.03Q 3 Nm - 6000 rpm - 8 poles - 400V

## PERFORMANCE DATA

Type	B36.03Q
Stall torque (Deltat=105°C) Mo Nm	3
Rated speed n rpm	6000
Rated power P <sub>n</sub> kW	1508
Rated torque (Deltat=105°C) Mn Nm	2.4
Peak torque M <sub>pk</sub> Nm	10.5
Max speed n <sub>max</sub> rpm	6600
Moment of inertia J 10?? Kgm <sup>2</sup>	1.22
Peack torque acceleration a <sub>pk</sub> rad/sec <sup>2</sup>	86066
Thermal time constant T <sub>th</sub> min	38
Thermal protection threshold ?max °C	140
Voltage constant k <sub>e</sub> V <sub>s</sub>	0.42
Torque constant k <sub>t</sub> Nm/A	0.73
Resistance phase to phase (20°C) R <sub>w</sub> ?	2.77

Inductance phase to phase $L_w$ mH	7
B.E.M.F. @ rated speed $E_n$ Vrms	264
Stall current $I_o$ Arms	4.1
Rated current $I_n$ Arms	3.3
Peak current $I_{pk}$ Arms	17.8
Power connector size	7/1

## Electrical Data

Weight kg	4.4
Poles	8
Voltage	400V