



### Servo Motori Brushless

### SERVO MOTORI ATEX - ZONA 2-22

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



## TECHNICAL DATA

Motor Type

B40.D7J 0.7 Nm - 6000 rpm - 10 poles - 400V

## PERFORMANCE DATA

Type	B40.D7J
Stall torque (Deltat=105°C) Mo Nm	0.7
Rated speed n rpm	6000
Rated power P <sub>n</sub> kW	250
Rated torque (Deltat=105°C) Mn Nm	0.4
Peak torque M <sub>pk</sub> Nm	2.0
Max speed n <sub>max</sub> rpm	6600
Moment of inertia J 10?? Kgm <sup>2</sup>	0.83
Peack torque acceleration a <sub>pk</sub> rad/sec <sup>2</sup>	24096
Thermal time constant T <sub>th</sub> min	15
Thermal protection threshold ?max °C	140
Voltage constant k <sub>e</sub> V <sub>s</sub>	0.47
Torque constant k <sub>t</sub> Nm/A	0.81
Resistance phase to phase (20°C) R <sub>w</sub> ?	18.4

Inductance phase to phase $L_w$ mH	16.5
B.E.M.F. @ rated speed $E_n$ Vrms	296
Stall current $I_o$ Arms	0.86
Rated current $I_n$ Arms	0.49
Peak current $I_{pk}$ Arms	2.9
Power connector size	7/1

## Electrical Data

Weight kg	1.7
Poles	10
Voltage	400V