



### Servo Motori Brushless

### SERVO MOTORI ATEX - ZONA 2-22

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



## TECHNICAL DATA

**Motor Type** B64.12J 12 Nm - 3000 rpm - 10 poles - 400V

## PERFORMANCE DATA

<b>Type</b>	B64.12J
<b>Stall torque (Deltat=105°C) Mo Nm</b>	12
<b>Rated speed n rpm</b>	3000
<b>Rated power P<sub>n</sub> kW</b>	3.2
<b>Rated torque (Deltat=105°C) Mn Nm</b>	10.1
<b>Peak torque M<sub>pk</sub> Nm</b>	57
<b>Max speed n<sub>max</sub> rpm</b>	6600
<b>Moment of inertia J 10?? Kgm<sup>2</sup></b>	14.9
<b>Peack torque acceleration a<sub>pk</sub> rad/sec<sup>2</sup></b>	38358
<b>Thermal time constant T<sub>th</sub> min</b>	37
<b>Thermal protection threshold ?max °C</b>	140
<b>Voltage constant k<sub>e</sub> V<sub>s</sub></b>	0.94
<b>Torque constant k<sub>t</sub> Nm/A</b>	1.63
<b>Resistance phase to phase (20°C) R<sub>w</sub> ?</b>	1.32

Inductance phase to phase $L_w$ mH	6.5
B.E.M.F. @ rated speed $E_n$ Vrms	296
Stall current $I_o$ Arms	7.4
Rated current $I_n$ Arms	6.2
Peak current $I_{pk}$ Arms	
Power connector size	7/1

## Electrical Data

Weight kg	11.4
Poles	10
Voltage	400V