



**Servo Motori Brushless**

**SERVO MOTORI ATEX - ZONA 2-22**

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



**TECHNICAL DATA**

**Motor Type** B13.58I 58 Nm - 1500 rpm - 6 poles - 400V

**PERFORMANCE DATA**

Type	B13.58I
Stall torque (Deltat=105°C) Mo Nm	58
Rated speed n rpm	1500
Rated power P <sub>n</sub> kW	7.4
Rated torque (Deltat=105°C) Mn Nm	47
Peak torque M <sub>pk</sub> Nm	162
Max speed n <sub>max</sub> rpm	3600
Moment of inertia J 10?? Kgm <sup>2</sup>	90
Peack torque acceleration a <sub>pk</sub> rad/sec <sup>2</sup>	18000
Thermal time constant T <sub>th</sub> min	57
Thermal protection threshold ?max °C	140
Voltage constant k <sub>e</sub> V <sub>s</sub>	1.88
Torque constant k <sub>t</sub> Nm/A	3.26
Resistance phase to phase (20°C) R <sub>w</sub> ?	0.62

Inductance phase to phase $L_w$ mH	14.8
B.E.M.F. @ rated speed $E_n$ Vrms	296
Stall current $I_o$ Arms	17.8
Rated current $I_n$ Arms	14.4
Peak current $I_{pk}$ Arms	
Power connector size	7/1

## Electrical Data

Weight kg	55
Poles	6
Voltage	400V