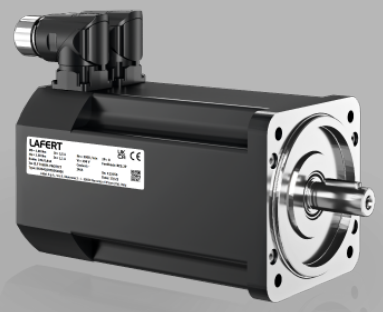
LAFERTGROUP
Member of Sumitomo Drive Technologies



Servo Motori Brushless

SERVO MOTORI - PREFERRED

- **Velocità, precisione, controllo per performance al top**
- **Application oriented: servizio su misura, dalla progettazione all'assistenza**
- **Serie Preferred: per tempi di consegna ai minimi termini**

TECHNICAL DATA

Motor Type	B13.73I 73 Nm - 3000 rpm - 6 poles - 400V

PERFORMANCE DATA

Type	B13.73I
Stall torque (Deltat=105°C) Mo Nm	73
Rated speed n rpm	3000
Rated power P_n kW	15.4
Rated torque (Deltat=105°C) Mn Nm	48.9
Peak torque M_{pk} Nm	204
Max speed n_{max} rpm	3600
Moment of inertia J 10?? Kgm²	114
Peack torque acceleration a_{pk} rad/sec²	17895
Thermal time constant T_{th} min	65
Voltage constant k_e V_s	0.94
Torque constant k_t Nm/A	1.63
Resistance phase to phase (20°C) R_w ?	0.1
Inductance phase to phase L_w mH	2.6

B.E.M.F. @ rated speed E_n Vrms	296
Stall current I_o Arms	44.8
Rated current I_n Arms	30
Peak current I_{pk} Arms	163
Power connector size	7/1.5
Weight kg	62

Mechanical Data

Design	Aluminium
Degree of protection	IP 65 except A side flange
Bearings DE	6309 2ZC3WT
Bearings NDE	6208 2ZC3WT
Lubrication grease	low & high temperature grease
Regreasing device	permanent lubrication
Cooling	radiation and natural convection
Vibration Level	A (normal)

Electrical Data

Poles	6
Voltage	400V
Thermal protection threshold ?max °C	140