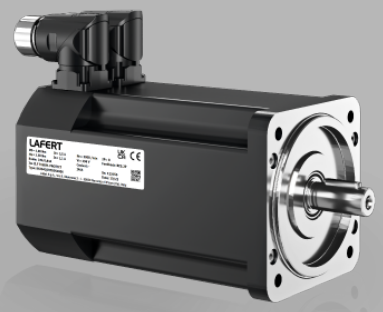
LAFERTGROUP
Member of Sumitomo Drive Technologies



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	B10.90Q 135 Nm - 1500 rpm - 8 poles - 400V

PERFORMANCE DATA

Type	B10.90Q
Stall torque (Deltat=105°C) Mo Nm	135
Rated speed n rpm	1500
Rated power P_n kW	19.6
Rated torque (Deltat=105°C) Mn Nm	125
Peak torque M_{pk} Nm	380
Max speed n_{max} rpm	4000
Moment of inertia J 10?? Kgm²	98
Peack torque acceleration a_{pk} rad/sec²	38776
Thermal time constant T_{th} min	58
Voltage constant k_e V_s	1.88
Torque constant k_t Nm/A	3.26
Resistance phase to phase (20°C) R_w ?	0.33
Inductance phase to phase L_w mH	5.7

B.E.M.F. @ rated speed E_n Vrms	296
Stall current I_o Arms	41.5
Rated current I_n Arms	38.4
Peak current I_{pk} Arms	150
Power connector size	7/1.5
Weight kg	65

Mechanical Data

Design	Aluminium
Degree of protection	IP 65
Bearings DE	6309 2ZC3WT
Bearings NDE	6207 2ZC3WT
Lubrication grease	low & high temperature grease
Regreasing device	permanent lubrication
Cooling	radiation and natural convection
Vibration Level	A (normal)

Electrical Data

Poles	8
Voltage	400V
Thermal protection threshold ?max °C	140