



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 B10.56J 74.5 Nm - 2000 rpm - 10 poles - 400V

PERFORMANCE DATA

Type	B10.56J
Stall torque (Deltat=105°C) Mo Nm	74.5
Rated speed n rpm	2000
Rated power P_n kW	12.9
Rated torque (Deltat=105°C) Mn Nm	61.7
Peak torque M_{pk} Nm	230
Max speed n_{max} rpm	4000
Moment of inertia J 10?? Kgm²	102
Peack torque acceleration a_{pk} rad/sec²	22549
Thermal time constant T_{th} min	56
Voltage constant k_e V_s	1.41
Torque constant k_t Nm/A	2.44
Resistance phase to phase (20°C) R_w ?	0.31
Inductance phase to phase L_w mH	5.6

B.E.M.F. @ rated speed E_n Vrms	296
Stall current I_o Arms	30.4
Rated current I_n Arms	25.2
Peak current I_{pk} Arms	137
Power connector size	7/1
Weight kg	38

Mechanical Data

Design	Aluminium
Degree of protection	IP 65
Bearings DE	6208 2ZC3WT
Bearings NDE	6206 2ZC3WT
Lubrication grease	low & high temperature grease
Regreasing device	permanent lubrication
Cooling	radiation and natural convection
Vibration Level	A (normal)

Electrical Data

Poles	10
Voltage	400V
Thermal protection threshold θ_{max} °C	140