



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

B63.04Q 4 Nm - 6000 rpm - 8 poles - 400V

PERFORMANCE DATA

Type	B63.04Q
Stall torque (Deltat=105°C) Mo Nm	4
Rated speed n rpm	6000
Rated power P _n kW	1.5
Rated torque (Deltat=105°C) Mn Nm	2.4
Peak torque M _{pk} Nm	12
Max speed n _{max} rpm	6600
Moment of inertia J 10 ⁻⁴ Kgm ²	1.87
Peack torque acceleration a _{pk} rad/sec ²	64171
Thermal time constant T _{th} min	25
Voltage constant k _e V _s	0.47
Torque constant k _t Nm/A	0.81
Resistance phase to phase (20°C) R _w ?	1.35
Inductance phase to phase L _w mH	9.13

B.E.M.F. @ rated speed E_n Vrms	296
Stall current I_o Arms	4.9
Rated current I_n Arms	2.9
Peak current I_{pk} Arms	22.1
Power connector size	7/1
Weight kg	4.7

Mechanical Data

Design	Aluminium
Degree of protection	IP 65
Bearings DE	6204 2ZC3WT
Bearings NDE	6204 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 θ_{max} °C	140