



Servo Motori Brushless

SERVO MOTORI ULTRA COMPACT

- Densità di coppia incrementata del 30%
- Dimensioni ridotte del 20%
- Design sofisticato, disegnato per l'estrema regolarità della coppia erogata



TECHNICAL DATA

Motor Type B63.H5U 4.5 Nm - 6000 rpm - 10 poles - 400V

PERFORMANCE DATA

Type	B63.H5U
Stall torque (Deltat=105°C) Mo Nm	4.5
Rated speed n rpm	6000
Rated power P_n kW	2.1
Rated torque (Deltat=105°C) Mn Nm	3.3
Peak torque M_{pk} Nm	13.3
Max speed n_{max} rpm	6600
Moment of inertia J 10?? Kgm²	2.0
Thermal time constant T_{th} min	24
Voltage constant k_e V_s	0.47
Torque constant k_t Nm/A	0.81
Resistance phase to phase (20°C) R_w ?	1.70
Inductance phase to phase L_w mH	11.90
B.E.M.F. @ rated speed E_n Vrms	296

Stall current I_o Arms	5.5
Rated current I_n Arms	4.1
Peak current I_{pk} Arms	24.8
Connection type/size	7/1
Weight kg	5.5

Mechanical Data

Design	Aluminium
Degree of protection	IP 65
Bearings DE	6204
Bearings NDE	6204
Lubrication grease	low & high temperature grease
Regreasing device	permanent lubrication
Cooling	radiation and natural convection
Vibration Level	A (normal)

Electrical Data

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