



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 B71.21U 21.5 Nm - 3000 rpm - 10 poles - 400V

PERFORMANCE DATA

Type	B71.21U
Stall torque (Deltat=105°C) Mo Nm	21.5
Rated speed n rpm	3000
Rated power P_n kW	4.6
Rated torque (Deltat=105°C) Mn Nm	14.80
Peak torque M_{pk} Nm	63.0
Max speed n_{max} rpm	5000
Moment of inertia J 10?? Kgm²	12.9
Thermal time constant T_{th} min	42
Voltage constant k_e V_s	0.94
Torque constant k_t Nm/A	1.63
Resistance phase to phase (20°C) R_w ?	0.52
Inductance phase to phase L_w mH	7.1
B.E.M.F. @ rated speed E_n Vrms	296

Stall current I_o Arms	13.2
Rated current I_n Arms	9.1
Peak current I_{pk} Arms	51.9
Connection type/size	7/1
Weight kg	15.2

Mechanical Data

Design	Aluminium
Degree of protection	IP 65
Bearings DE	6205
Bearings NDE	6203
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