



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 28 Nm - 2200 rpm - 10 poles - 400V

PERFORMANCE DATA

Type	B71.21U
Stall torque (Deltat=105°C) Mo Nm	28
Rated speed n rpm	2200
Rated power P_n kW	5.4
Rated torque (Deltat=105°C) Mn Nm	23.6
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	17
Voltage constant k_e V_s	1.28
Torque constant k_t Nm/A	2.22
Resistance phase to phase (20°C) R_w ?	0.99
Inductance phase to phase L_w mH	13.1
B.E.M.F. @ rated speed E_n Vrms	296

Stall current I_o Arms	12.6
Rated current I_n Arms	10.6
Peak current I_{pk} Arms	38.2
Connection type/size	7/1
Weight kg	11.7

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