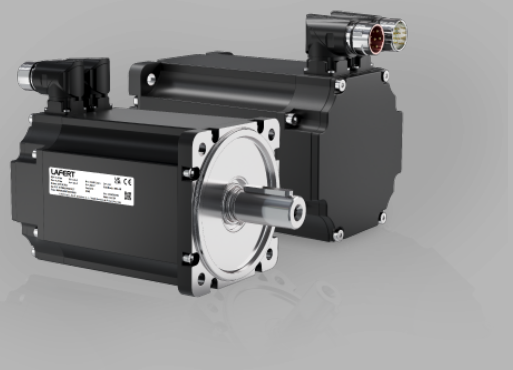
LAFERTGROUP
Member of Sumitomo Drive Technologies



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	B64.06U 6.5 Nm - 4500 rpm - 10 poles - 400V

PERFORMANCE DATA

Type	B64.06U
Stall torque (Deltat=105°C) Mo Nm	6.5
Rated speed n rpm	4500
Rated power P_n kW	2.3
Rated torque (Deltat=105°C) Mn Nm	4.8
Peak torque M_{pk} Nm	17
Max speed n_{max} rpm	6000
Moment of inertia J 10?? Kgm²	2.8
Thermal time constant T_{th} min	28
Voltage constant k_e V_s	0.63
Torque constant k_t Nm/A	1.09
Resistance phase to phase (20°C) R_w ?	1.62
Inductance phase to phase L_w mH	14.3
B.E.M.F. @ rated speed E_n Vrms	296

Stall current I_o Arms	6.0
Rated current I_n Arms	4.4
Peak current I_{pk} Arms	24.0
Connection type/size	7/1
Weight kg	6.8

Mechanical Data

Design	Aluminium
Degree of protection	IP 65
Bearings DE	6205
Bearings NDE	6303
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 ?max °C	140