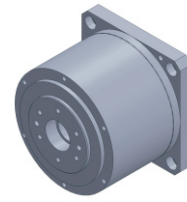


FI-14085

DD Motor



MAIN PARAMETERS	VALUE
Voltage(VAC)	220
Rated torque (Nm)	10.5
Instant Max Torque (Nm)	29.4
Torque constant (Nm/Arms)	4.2
Rated Current (Arms)	2.5
Instant Max Current (Arms)	7
Resistance (Ω)	5.9
Inductance (mH)	6
Pole-pairs number (2P)	14
Back EMF coefficient (Vrms/rad/s)	3.4
Rated Output (W)	220.1
Rotor inertia 10^{-4} kg.m ²	70
Rated Speed (rpm)	200
Max Speed (rpm)	350
Positioning accuracy(arc_sec)	± 20
Repeat positioning accuracy (arc_sec)	± 1.5
Encoder resolution (sin/cos)	8192
Axial load (N)	2500
Radial load (N.m)	30
Axial runout (mm)	≤ 0.005
Radial runout (mm)	≤ 0.005
Weight (kg)	5.6

Specification & drawing

