

U5085-6000

Frameless Torque Motor

Model		U5085-6000
Voltage(VDC)		48
Rated Output (W)		550
Rated torque(Nm)		1.75
Instant Max Torque (Nm)		5.25
Rated Current (Arms)		16
Instant Max Current (Arms)		48
Rated Speed (rpm)		3000
Max Speed (rpm)		4500
Torque constant (Nm/Arms)		0.109
Rotor inertia 10^{-4} kg.cm ²		0.424
Back EMF coefficient(V/K rpm)		6.6
Resistance (Ω)		0.108
Inductance (mH)		0.1
Pole-pairs number(2P)		10
Weight (kg)		0.63
Size(mm)	L1(Stator stack height)	77
	L2(Rotor height)	78
	L3(Overall height)	75

