

U43 series

Frameless Torque Motor

Model		U4315
Voltage(VDC)		48
Rated Output (W)		83.84
Rated torque(Nm)		0.16
Instant Max Torque (Nm)		0.48
Rated Current (Arms)		3
Instant Max Current (Arms)		9
Rated Speed (rpm)		5000
Max Speed (rpm)		6500
Torque constant (Nm/Arms)		0.05
Rotor inertia 10^{-4} kg.m ²		0.04
Back EMF coefficient(V/K rpm)		8
Resistance (Ω)		2.5
Inductance (mH)		0.7
Pole-pairs number(2P)		10
Weight (kg)		0.088
Size(mm)	L1(Stator stack height)	8
	L2(Rotor height)	9
	L3(Overall height)	15.2

Specification & drawing

