

U43 series

Frameless Torque Motor

MAIN PARAMETERS		U4315
Voltage(VDC)		48
Rated Output (W)		83.8
Rated torque (Nm)		0.16
Instant Max Torque (Nm)		0.48
Rated Current (Arms)		3.00
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		0.040
Back EMF coefficient(V/Krpm)		5.00
Resistance (Ω)		2.50
Inductance (mH)		0.70
Pole-pairs number (2P)		7
Weight (kg)		0.088
Motor height L(mm)	L1	8
	L2	9
	L3	15.2

Specification & drawing

