

U14 series

Frameless Torque Motor

MAIN PARAMETERS		U1414
Voltage(VDC)		12
Rated Output (W)		2.5
Rated torque (N.m)		0.012
Instant Max Torque (N.m)		0.025
Rated Current (A)		0.4
Instant Max Current (A)		0.9
Rated Speed (rpm)		2000
Max Speed (rpm)		4800
Torque constant (Nm/A)		0.03
Rotor inertia(kg.cm ²)		0.00048
Back EMF coefficient(V/KRPM)		1.77
Resistance (Ω)		8.2
Inductance (mH)		0.95
Pole-pairs number (2P)		5
Weight (kg)		15
Size(mm)	L1(Stator stack height)	10
	L2(Rotor height)	11
	L3(Overall height)	14

Specification & drawing

