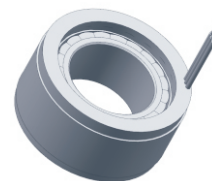


U50 series Frameless Torque Motor



MAIN PARAMETERS		U5019	U5024	U5037
Voltage(VDC)		48	48	48
Rated Output (W)		85	132	220
Rated torque (Nm)		0.27	0.42	0.7
Instant Max Torque (Nm)		0.8	1.2	2
Rated Current (Arms)		3.3	5.5	5.5
Instant Max Current (Arms)		10	17	17
Rated Speed (rpm)		3000	3000	3000
Max Speed (rpm)		6000	6000	6000
Torque Parameter (Nm/Arms)		0.08	0.08	0.13
Rotor inertia 10 ⁻⁴ kg.m ²		0.08	0.11	0.18
Back EMF coefficient (Vrims/rad/s)		7	7	7
Resistance (Ω)		1.75	0.56	0.74
Inductance (mH)		1.5	0.45	0.59
Pole-pairs number (2P)		10	10	10
Weight (kg)		0.12	0.157	0.266
Motor height L(mm)	L1	14	18	30
	L2	13.5	17.5	29.5
	L3	19.8	24.3	37.9

Specification & drawing

