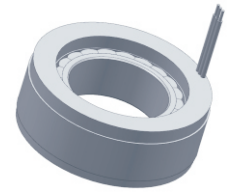


U60 series Frameless Torque Motor



MAIN PARAMETERS		U6017	U6022	U6035
Voltage(VDC)		48	48	48
Rated Output (W)		142	189	302
Rated torque (Nm)		0.45	0.6	0.96
Instant Max Torque (Nm)		1.3	1.8	2.8
Rated Current (Arms)		3	3.5	9.3
Instant Max Current (Arms)		10	11	28
Rated Speed (rpm)		3000	3000	3000
Max Speed (rpm)		6000	6000	6000
Torque Parameter (Nm/Arms)		0.15	0.17	0.1
Rotor inertia 10 ⁻⁴ kg.m ²		0.14	0.15	0.31
Back EMF coefficient (Vrms/rad/s)		7	7	7
Resistance (Ω)		1.9	1.6	0.25
Inductance (mH)		1.5	1.1	0.26
Pole-pairs number (2P)		10	10	10
Weight (kg)		0.146	0.205	0.361
Motor height L(mm)	L1	10.5	15	28
	L2	10	14.5	27.5
	L3	17.7	22.2	35.8

Specification & drawing

