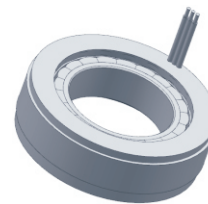


U76 series Frameless Torque Motor



MAIN PARAMETERS		U7618	U7623	U7636
Voltage(VDC)		48	48	48
Rated Output (W)		280	387	648
Rated torque (Nm)		0.89	1.23	2.06
Instant Max Torque (Nm)		2.2	3.4	5.6
Rated Current (Arms)		5	7	13.5
Instant Max Current (Arms)		15	21	40
Rated Speed (rpm)		3000	3000	3000
Max Speed (rpm)		6000	6000	5000
Torque Parameter (Nm/Arms)		0.18	0.18	0.15
Rotor inertia 10 ⁻⁴ kg.m ²		0.44	0.58	0.98
Back EMF coefficient (Vrms/rad/s)		7	7	9
Resistance (Ω)		1.27	0.55	0.20
Inductance (mH)		0.9	0.46	0.26
Pole-pairs number (2P)		10	10	10
Weight (kg)		0.245	0.333	0.606
Motor height L(mm)	L1	11	15.5	28.5
	L2	10	14.5	27.5
	L3	18.6	23.1	36.7

Specification & drawing

