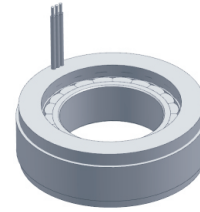


U68 series Frameless Torque Motor



MAIN PARAMETERS		U6818	U6822	U6836
Voltage(VDC)		48	48	48
Rated Output (W)		198	270	484
Rated torque (Nm)		0.63	0.86	1.54
Instant Max Torque (Nm)		1.54	2.14	4
Rated Current (Arms)		4.5	7	13
Instant Max Current (Arms)		13.5	21	40
Rated Speed (rpm)		3000	3000	3000
Max Speed (rpm)		6000	6000	5000
Torque Parameter (Nm/Arms)		0.14	0.12	0.12
Rotor inertia 10 ⁻⁴ kg.m ²		0.24	0.31	0.52
Back EMF coefficient (Vrims/rad/s)		7	7	9
Resistance (Ω)		1.4	0.50	0.20
Inductance (mH)		1.26	0.46	0.30
Pole-pairs number (2P)		10	10	10
Weight (kg)		0.197	0.266	0.474
Motor height L(mm)	L1	11	15.5	28.5
	L2	10	14.5	27.5
	L3	18.3	22.8	36.4

Specification & drawing

