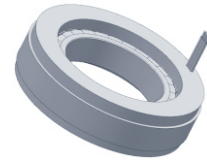


U115 series Frameless Torque Motor



MAIN PARAMETERS		U11526	U11530	U11544
Voltage(VDC)		48	48	48
Rated Output (W)		943	1022	959
Rated torque (Nm)		3	3.9	6.1
Instant Max Torque (Nm)		7.5	9.3	14.5
Rated Current (Arms)		15	22	22
Instant Max Current (Arms)		45	66	72
Rated Speed (rpm)		3000	2500	1500
Max Speed (rpm)		5000	3500	2000
Torque Parameter (Nm/Arms)		0.2	0.18	0.28
Rotor inertia 10 ⁻⁴ kg.m ²		1.6	2.08	3.55
Back EMF coefficient (Vrims/rad/s)		6.2	7.7	14.4
Resistance (Ω)		0.13	0.07	0.08
Inductance (mH)		0.35	0.26	0.32
Pole-pairs number (2P)		13	13	13
Weight (kg)		0.655	0.85	1.45
Motor height L(mm)	L1	14	18.5	31.5
	L2	13	17.5	30.5
	L3	26.3	30.8	44.4

Specification & drawing

