

U25 series Frameless Torque Motor



MAIN PARAMETERS		U2510	U2515	U2523
Voltage(VDC)		24	24	24
Rated Output (W)		10.48	20.96	31.44
Rated torque (Nm)		0.025	0.05	0.075
Instant Max Torque (Nm)		0.08	0.16	0.24
Rated Current (Arms)		2.5	2.50	2.50
Instant Max Current (Arms)		8	8	8
Rated Speed (rpm)		4000	4000	4000
Max Speed (rpm)		6000	6000	6000
Torque constant (Nm/Arms)		0.01	0.02	0.03
Rotor inertia 10 ⁻⁴ kg.m ²		0.003	0.005	0.008
Back EMF coefficient(Vrims/rad/s)		1.1	3.20	3.50
Resistance (Ω)		0.9	1.10	1.56
Inductance (mH)		0.2	0.30	0.70
Pole-pairs number (2P)		7	7	7
Weight (kg)		0.024	0.036	0.052
Motor height L(mm)	L1	7.3	11.5	19.5
	L2	6.3	10.5	18.5
	L3	10.8	15.2	23.4

Specification & drawing

