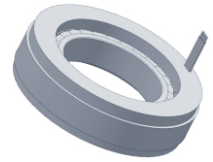


U160 series

Frameless Torque Motor



MAIN PARAMETERS		U16025	U16035	U16060
Voltage(VDC)		48	48	48
Rated Output (W)		471.6	471.6	670.72
Rated torque (Nm)		9	15	32
Instant Max Torque (Nm)		20	32	66
Rated Current (Arms)		15	17	20
Instant Max Current (Arms)		35	38	45
Rated Speed (rpm)		500	300	200
Max Speed (rpm)		800	600	400
Torque constant (Nm/Arms)		0.60	0.88	1.60
Rotor inertia 10 ⁻⁴ kg.m ²		9.2	14	26
Back EMF coefficient (V/Krpm)		42	61	84
Resistance (Ω)		0.18	0.2	0.16
Inductance (mH)		0.35	0.44	0.35
Pole-pairs number (2P)		13	13	13
Weight (kg)		1.1	1.6	3.3
Motor height L(mm)	L1	16.6	24.6	48.6
	L2	16	24	48
	L3	25.9	35.9	60.9

Specification & drawing

