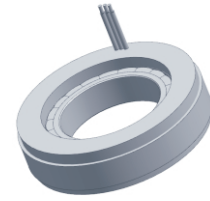


# U130 series

## Frameless Torque Motor



MAIN PARAMETERS		U13025	U13035	U13060
Voltage(VDC)		48	48	48
Rated Output (W)		419.2	471.6	754.56
Rated torque (Nm)		5	9	18
Instant Max Torque (Nm)		11	20	40
Rated Current (Arms)		17	21	30
Instant Max Current (Arms)		40	50	70
Rated Speed (rpm)		800	500	400
Max Speed (rpm)		1400	1000	800
Torque constant (Nm/Arms)		0.29	0.43	0.60
Rotor inertia 10 <sup>-4</sup> kg.m <sup>2</sup>		3.6	5.2	11
Back EMF coefficient (V/Krpm)		30	42	52
Resistance (Ω)		0.13	0.08	0.06
Inductance (mH)		0.35	0.22	0.17
Pole-pairs number (2P)		13	13	13
Weight (kg)		0.9	1.3	2.7
Motor height L(mm)	L1	15	24	48
	L2	15	24	48
	L3	25.9	35.9	60.9

### Specification & drawing

