

U32 series

Frameless Torque Motor

Model		U3212	U3212
Voltage(VDC)		24	48
Rated Output (W)		36.68	36.68
Rated torque(Nm)		0.07	0.07
Instant Max Torque (Nm)		0.2	0.2
Rated Current (Arms)		1.75	0.88
Instant Max Current (Arms)		5.2	2.7
Rated Speed (rpm)		5000	5000
Max Speed (rpm)		7000	7000
Torque constant (Nm/Arms)		0.04	0.08
Rotor inertia 10 ⁻⁴ kg.m ²		1	1
Back EMF coefficient(V/K rpm)		3.43	6.86
Resistance (Ω)		1.3	5.2
Inductance (mH)		0.181	0.724
Pole-pairs number(2P)		10	10
Weight (kg)		0.05	0.05
Size(mm)	L1(Stator stack height)	8	8
	L2(Rotor height)	9	9
	L3(Overall height)	12.7	12.7

Specification & drawing

