U32 Series

Frameless Torque Motor

Cifu Technology

Model		U3212	U3212
Drive Input Voltage (VDC)		24	48
Rated Output Power (W)		36.65	36.65
Rated Torque (N·m)		0.07	0.07
Peak Torque (N·m)		0.2	0.2
Rated Current (A)		1.9	1.2
Peak Current (A)		3.8	3.6
Rated Speed (rpm)		5000	5000
Max. Speed (rpm)		5500	5500
Torque Parameter (N·m/A)		0.036	0.058
Rotor Inertia (kg·cm²)		0.008	0.019
Back-EMF Coeff. (Vrms/krpm)		2.8	4.9
Line Resistance (Ω)		1.35	4.17
Line Inductance (mH)		0.19	0.73
Pole Pairs (2P)		10	10
Weight (kg)		0.031	0.05
Dims. (mm)	**L1 (Core Height)**	8	8
	L2 (Rotor Height)	9	9
	L3 (Overall Height)	12.7	12.7

Mechanical Drawings

