U104 Series

Frameless Torque Motor

Cifu Technology

Model		U10428	U10443
Drive Input Voltage (VDC)		48	48
Rated Output Power (W)		722.5	1382.3
Rated Torque (N·m)		2.3	4.4
Rated Current (A)		18.5	33.5
Rated Speed (rpm)		3000	3000
No-Load Speed (rpm)		4000	4000
Max. Torque (N·m)		6.9	13.2
Max. Current (A)		55.5	100
Line Resistance (Ω @ 20°C)		0.09	0.04
Line Inductance (mH)		0.1	0.05
Torque Constant (N·m/A)		0.124	0.131
Back-EMF Constant (Vrms/krpm)		8.8	9.4
Pole Pairs (2P)		11	11
Rotor Inertia (kg·cm²)		1.844	3.694
Weight (kg)		0.52	0.903
Dims. (mm)	**L1 (Core Height)**	14	29
	L2 (Rotor Height)	15	30
	L3 (Overall Height)	28	43

Mechanical Drawings



