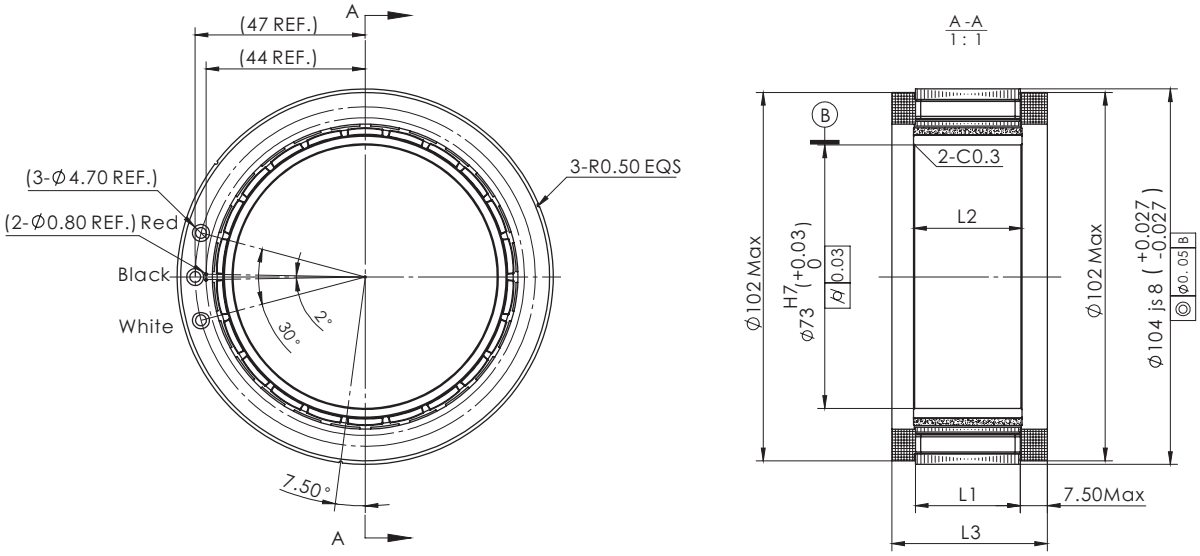
U104 series

Frameless Torque Motor

Model		U10428	U10443
DC voltage(VDC)		48	48
Rated Output (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
Maximum Speed (rpm)		4000	4000
Instant Max Torque (N.m)		6.9	13.2
Instant Max Current(A)		55.5	100
Coil resistance(ohms@20℃)		0.1	0.04
Coil Inductance (mH)		0.08	0.05
Torque constant (Nm/A)		0.124	0.131
Back EMF coefficient (Vrms/KRPM)		7.5	8.5
Number of pole-pairs(2P)		11	11
Rotor inertia(kg.cm2)		1.844	3.694
Weight(kg)		0.52	0.9
Size(mm)	L1(Stator stack height)	14	29
	L2(Rotor height)	15	30
	L3(Overall height)	28	43

Specification & drawing



Copyright @ MOSRAC ©Motor 24-hour technical support: sales12@mosrac.com Website: www.mosrac.com