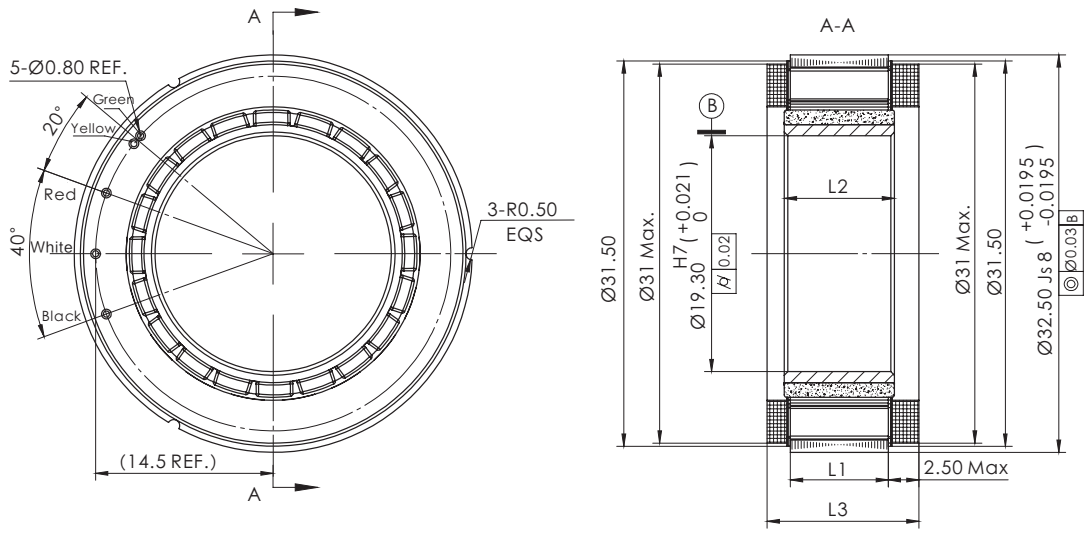
U32 series

Frameless Torque Motor

Main Parameters		U3212	U3212
Voltage(VDC)		24	48
Rated Output (W)		36.65	36.65
Rated torque (N.m)		0.07	0.07
Instant Max Torque (N.m)		0.2	0.2
Rated Current (A)		1.9	1.9
Instant Max Current (A)		3.8	3.6
Rated Speed (rpm)		5000	5000
Max Speed (rpm)		5500	5500
Torque constant (Nm/A)		0.036	0.037
Rotor inertia(kg.cm²)		0.008	0.019
Back EMF coefficient(V/KRPM)		2.8	4.9
Resistance (Ω)		1.35	4.17
Inductance (mH)		0.19	0.73
Pole-pairs number (2P)		10	10
Weight (kg)		0.031	0.05
Size(mm)	L1(Stator stack height)	8	8
	L2(Rotor height)	9	9
	L3(Overall height)	12.7	12.7

Specification & drawing



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