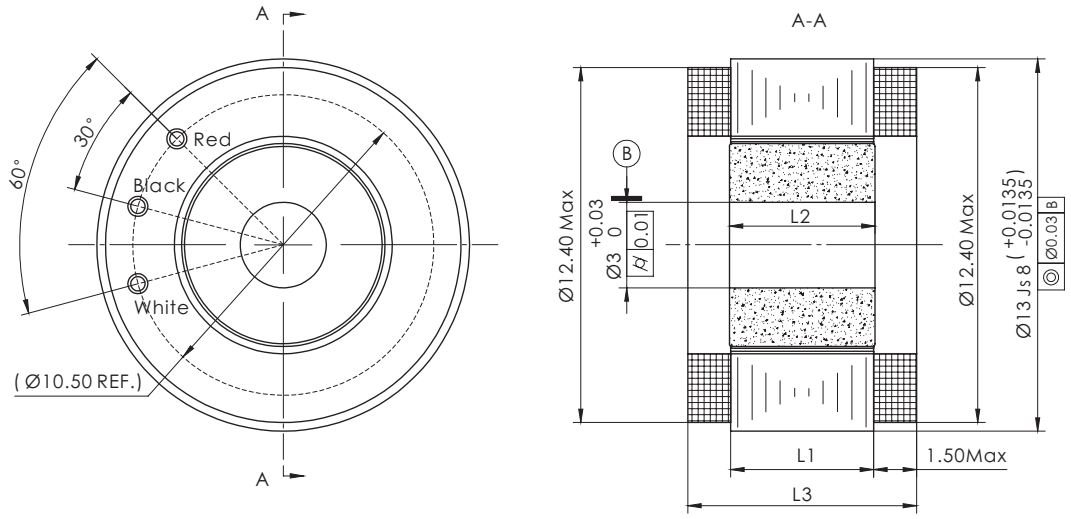
U13 series

Frameless Torque Motor

Main Parameters		U01308
Voltage(VDC)		24
Rated Output (W)		3.7
Rated torque (N.m)		0.0044
Instant Max Torque (N.m)		0.016
Rated Current (A)		0.4
Instant Max Current (A)		1.7
Rated Speed (rpm)		8000
Max Speed (rpm)		23000
Torque constant (Nm/A)		0.0088
Rotor inertia(kg.cm^2)		0.00013
Back EMF coefficient(V/KRPM)		0.72
Resistance (Ω)		7.26
Inductance (mH)		0.628
Pole-pairs number (2P)		5
Weight (kg)		0.005
Size(mm)	L1(Stator stack height)	5
	L2(Rotor height)	5.1
	L3(Overall height)	8

Specification & drawing



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