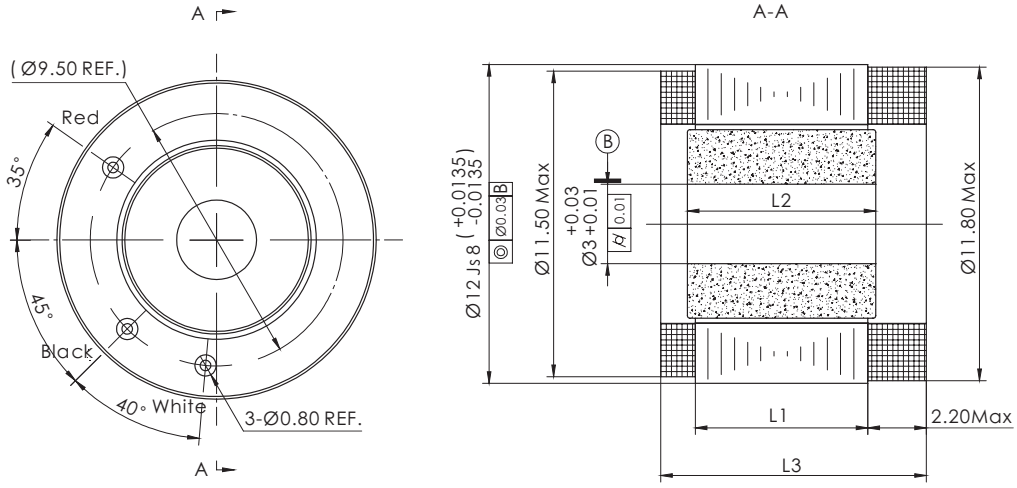
U12 series

Frameless Torque Motor

MAIN PARAMETERS		U1208	U1210	U1220
Voltage(VDC)		24	24	12
Rated Output (W)		6.2	6.12	4
Rated torque (N.m)		0.00285	0.004	0.02
Instant Max Torque (N.m)		0.00855	0.012	0.04
Rated Current (A)		0.27	0.27	0.8
Instant Max Current (A)		1.2	1.2	1.5
Rated Speed (rpm)		21000	15000	2000
Max Speed (rpm)		24500	17500	6000
Torque constant (Nm/A)		0.013	0.013	0.019
Rotor inertia(kg.cm^2)		0.00013	0.00013	0.0006
Back EMF coefficient(V/KRPM)		0.96	0.96	1.4
Resistance (Ω)		8.4	8.4	5
Inductance (mH)		0.49	0.49	0.16
Pole-pairs number (2P)		5	5	5
Weight (kg)		0.015	0.015	0.015
Size(mm)	L1(Stator stack height)	4.5	6.5	16
	L2(Rotor height)	5.10	7.1	17
	L3(Overall height)	8	10	20

规格图纸



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