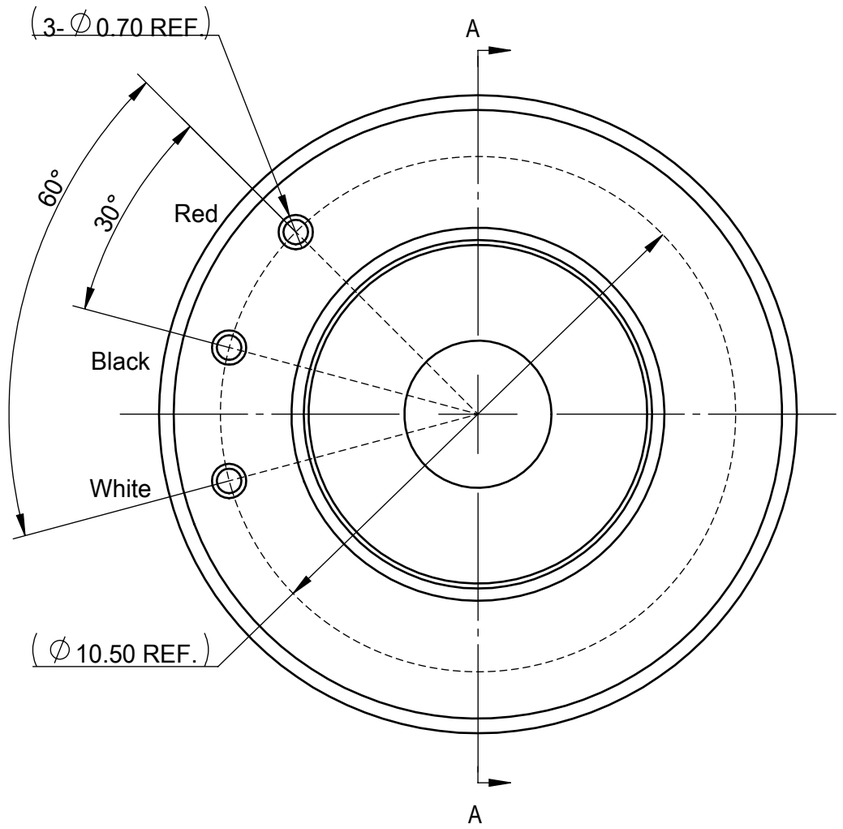
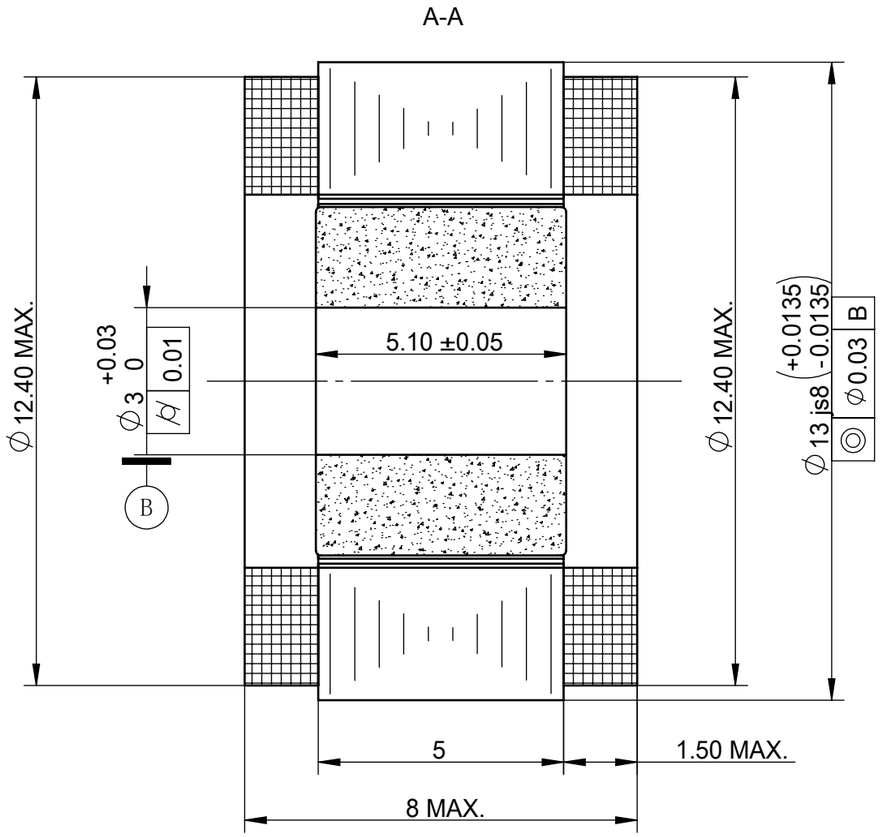
保密

Version	Drawing Sign	Modified content	Date	Designer





Model	U01308-00000
DC voltage (VDC)	24
Rated output (W)	3.7
Rated torque(N.m)	0.0044
Rated current(A)	0.4
Rated speed(rpm)	8000
Maximum speed(rpm)	23000
Instant max torque (N.m)	0.016
Instant max current (A)	1.7
Coil resistance (ohms@20℃)	7.26
Coil inductance(mH) (±10%)	0.628
Torque constant(Nm/A)	0.0088
Back EMF coefficient (Vrms/KRPM)	0.72
Number of pole-pairs(P)	5
Rotor inertia (Kg.cm2)	0.00013
Winding connection way	Y



Cable: #30AWG red,black,white,corresponding to U, V, W
Wire length:250mm

Item	Designer	Date	Item	Designer	Date	Drawing Sign	Weight	
Designer	ZSX	2026/10/17	Unification			S	Scale	
Checker			Process Engineer			Material		
Technical			Approval			Sheet 1 of 1		

MOSRAC强和电机

Frameless Torque Motor

U01308-00000

MOSRAC Motor R&D Department

Perspective