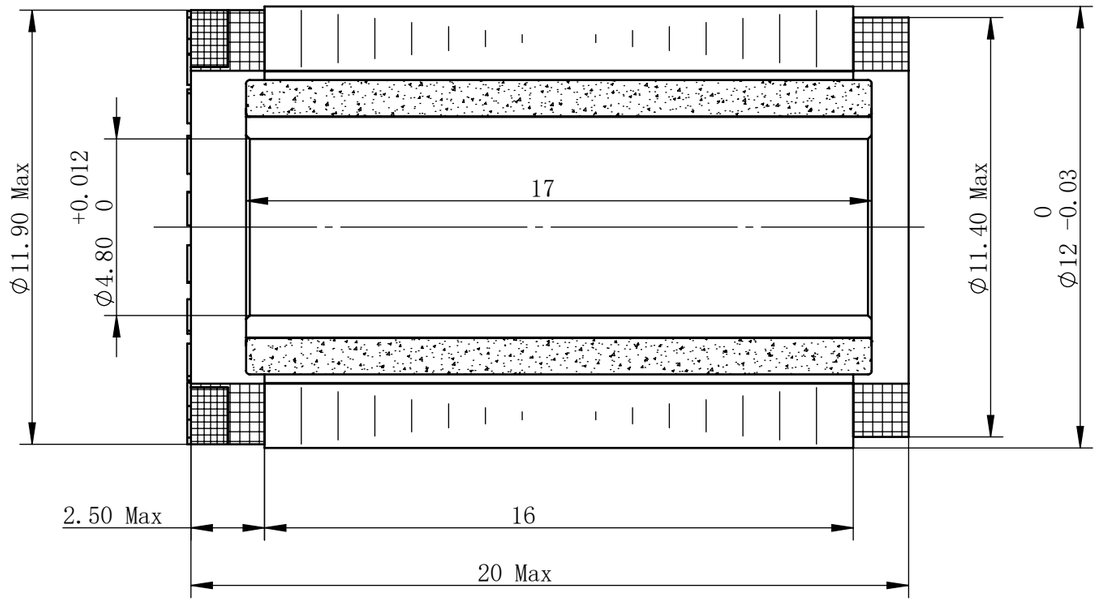
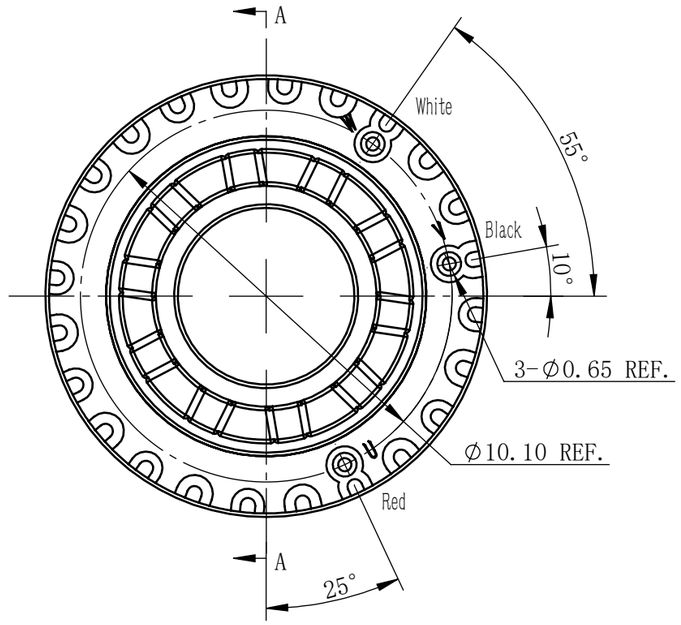
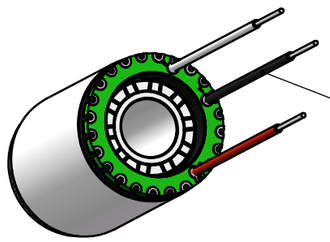
保密

A-A





Model	U1220
DC voltage (VDC)	12
Rated output (W)	4
Rated torque (N.m)	0.02
Rated current(A)	0.8
Rated speed (rpm)	2000
Maximum speed (rpm)	6000
Instant max torque (N.m)	0.04
Instant max current (A)	1.5
Coil resistance (ohms@20℃)	5
Coil inductance (mH)	0.16
Torque parameters (Nm/A)	0.019
Back EMF coefficient (Vrms/KRPM)	1.4
Number of pole-pairs (2P)	5
Rotor inertia (Kg.cm2)	0.0006
Winding connection way	Y



Cable: #28AWG red,black,white,corresponding to U, V, W
Wire length 200mm

								MOSRAC强和电机
						Drawing Sign	Version V1.0	U1220 Frameless Torque Motor
Marker	Place number	Drawing Zone	Rev.No.	Signature	Month-Day-Year		Weight	WI-U1220DJA01
Designer	ZZY	2026/6/17	Unification				Scale	MOSRAC Motor R&D Department
Checker			Process Engineer					Perspective
Technical			Approval			Sheet 1 of 1		