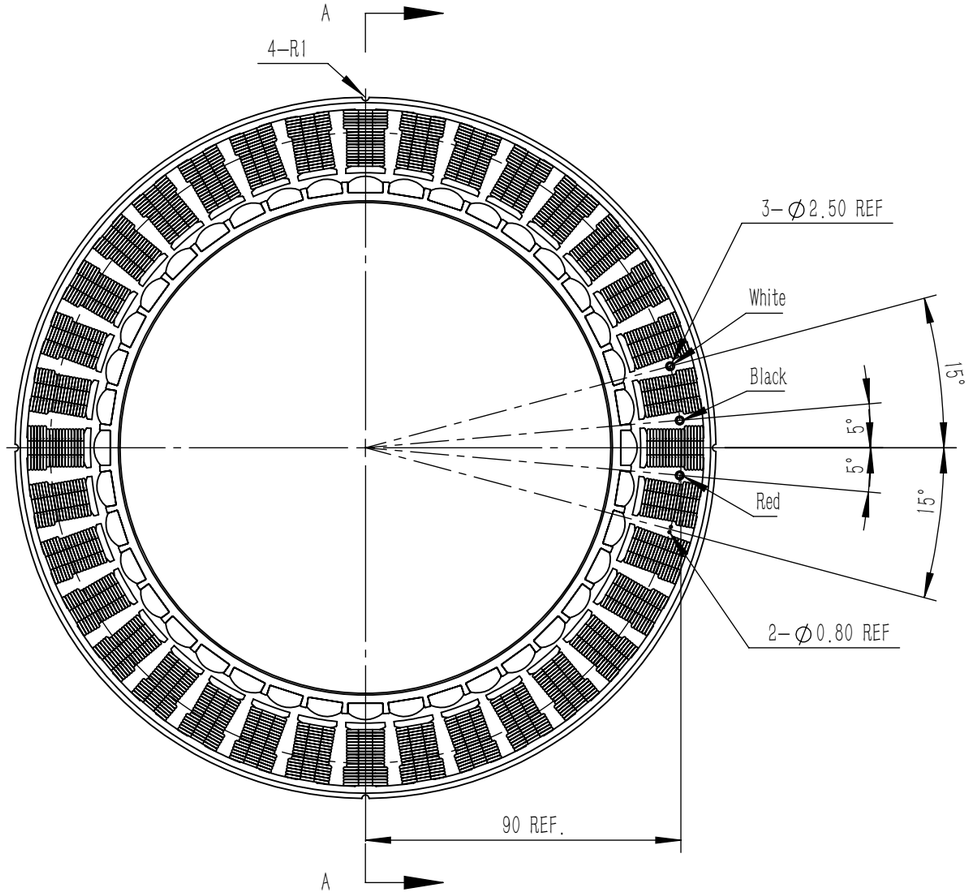
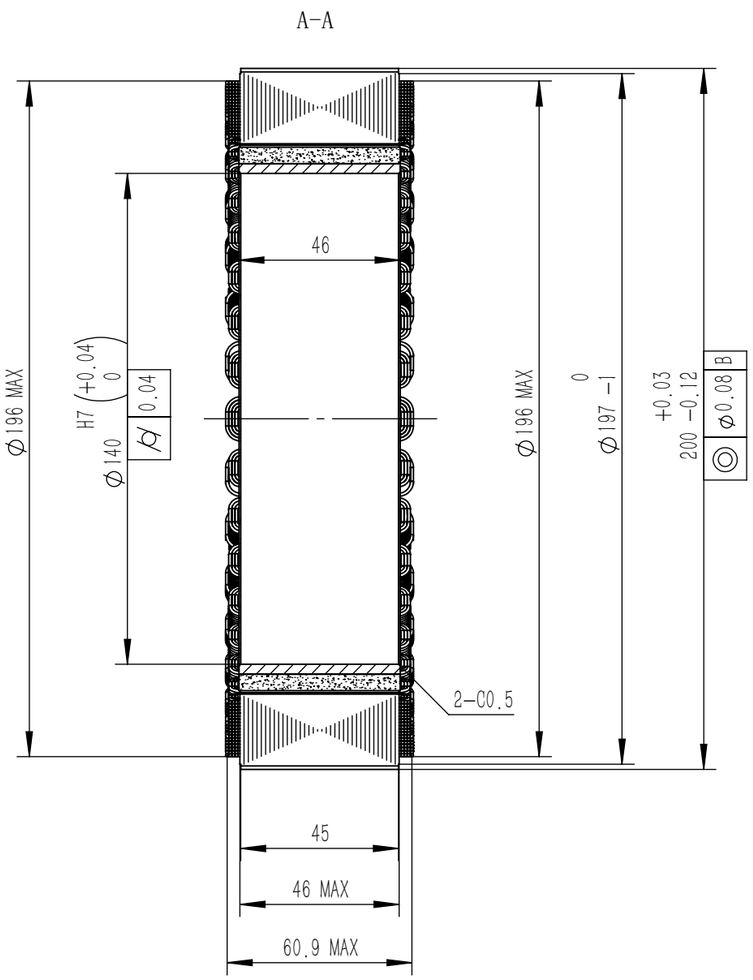
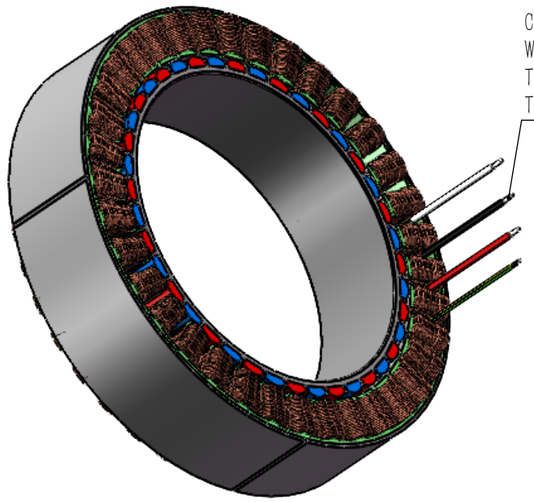
保密

Version	Content	Modified Content	Date	Personnel





Model	U20060
DC voltage (VDC)	48
Rated output (W)	524
Rated torque (N.m)	50
Rated current(A)	18
Rated speed (rpm)	100
Maximum speed (rpm)	200
Instant max torque (N.m)	100
Instant max current (A)	40
Coil resistance (ohms@20℃)	0.51
Coil inductance (mH)	3.45
Torque parameters (Nm/A)	5
Back EMF coefficient (Vrms/KRPM)	172.2
Number of pole–pairs (2P)	20
Rotor inertia (Kg.cm2)	60
Winding connection way	▲



Cable: #14AWG red,black,white,corresponding to U, V, W
Wire length 250mm
Temperature control wire: #26AWG, yellow and green wires, length: 250mm
Temperature Coefficient Thermistor: CA–NTC24C018

Marker	Place number	Drawing Zone	Rev.No.	Signature	Month-Day-Year
Designer			Unification		
Checker			Process Engineer		
Technical			Approval		

MOSRAC强和电机

Drawing Sign	Version		Frameless Torque Motor
	Weight		U20060–00000
	Scale	1:1	MOSRAC Motor R&D Department
Sheet 1 of 1			Perspective

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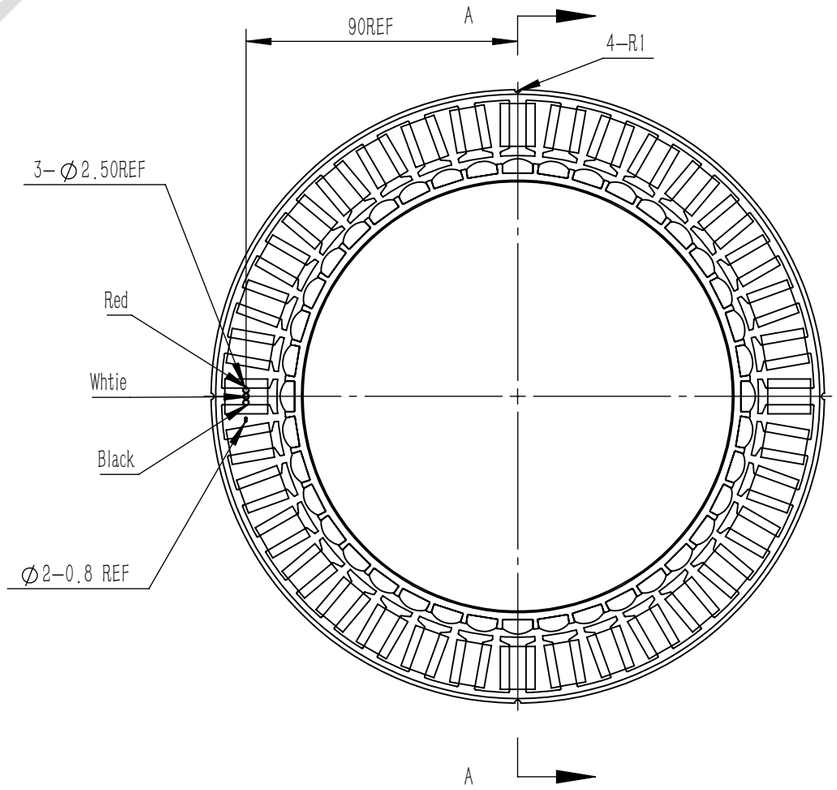

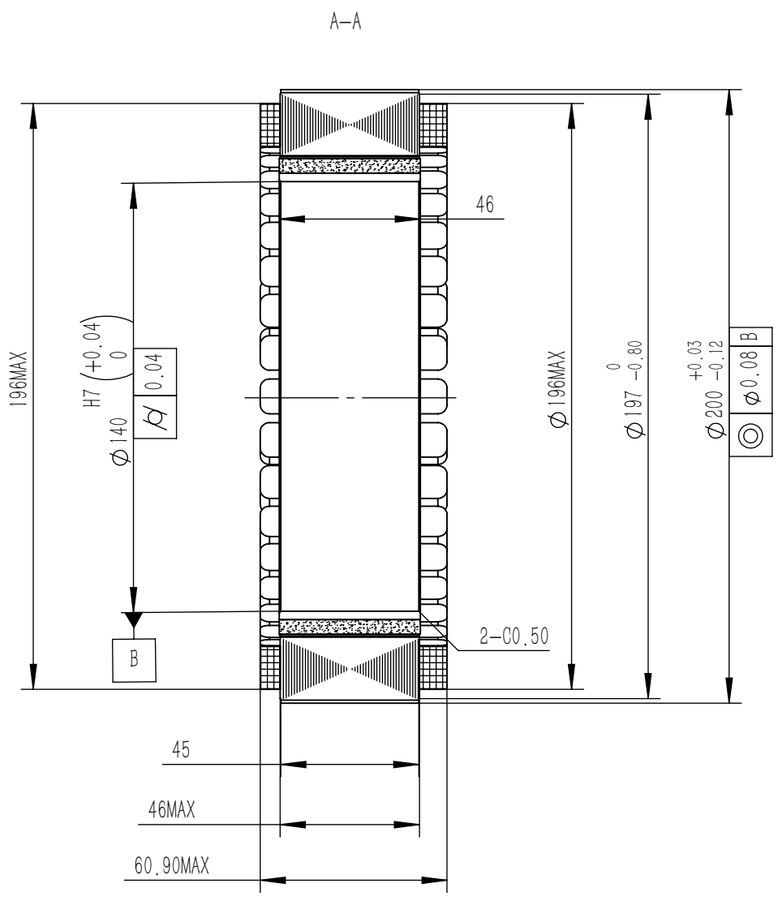

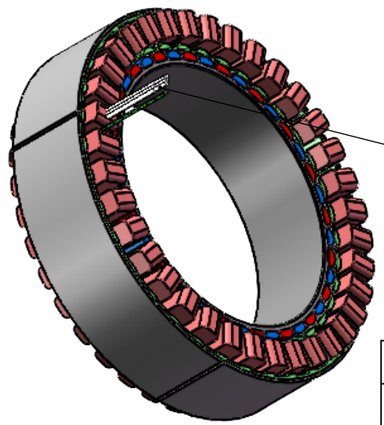

Cable: #14AWG red,black,white,corresponding to U, V, W
Wire length 250mm
Temperature control wire: #26AWG, yellow and green wires, length: 250mm
Temperature Coefficient Thermistor: CA–NTC24C018

Model	U20060
AC voltage (VAC)	220
Rated output (W)	1572
Rated torque (N.m)	50
Rated current(A)	10
Rated speed (rpm)	300
Maximum speed (rpm)	500
Instant max torque (N.m)	100
Instant max current (A)	25
Coil resistance (ohms@20℃)	4.61
Coil inductance (mH)	30
Torque parameters (Nm/A)	5
Back EMF coefficient (Vrms/KRPM)	716
Number of pole–pairs (2P)	20
Rotor inertia (Kg.cm2)	60
Winding connection way	▲

								MOSRAC强和电机
						Drawing Sign	Version	U20060 Frameless Torque Motor
Marker	Place number	Drawing Zone	Rev.No.	Signature	Month-Day-Year		Weight	WI–YF–20060DJA01
Designer	Tjt	2026/1/7	Unification				Scale	MOSRAC Motor R&D Department
Checker			Process Engineer					Perspective
Technical	Cmh	2026/1/7	Approval			Sheet of		