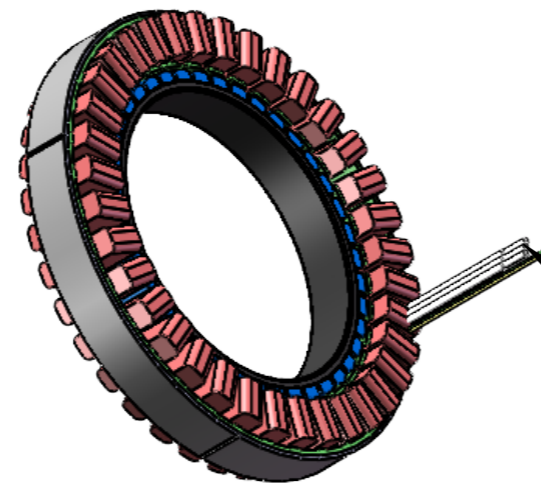
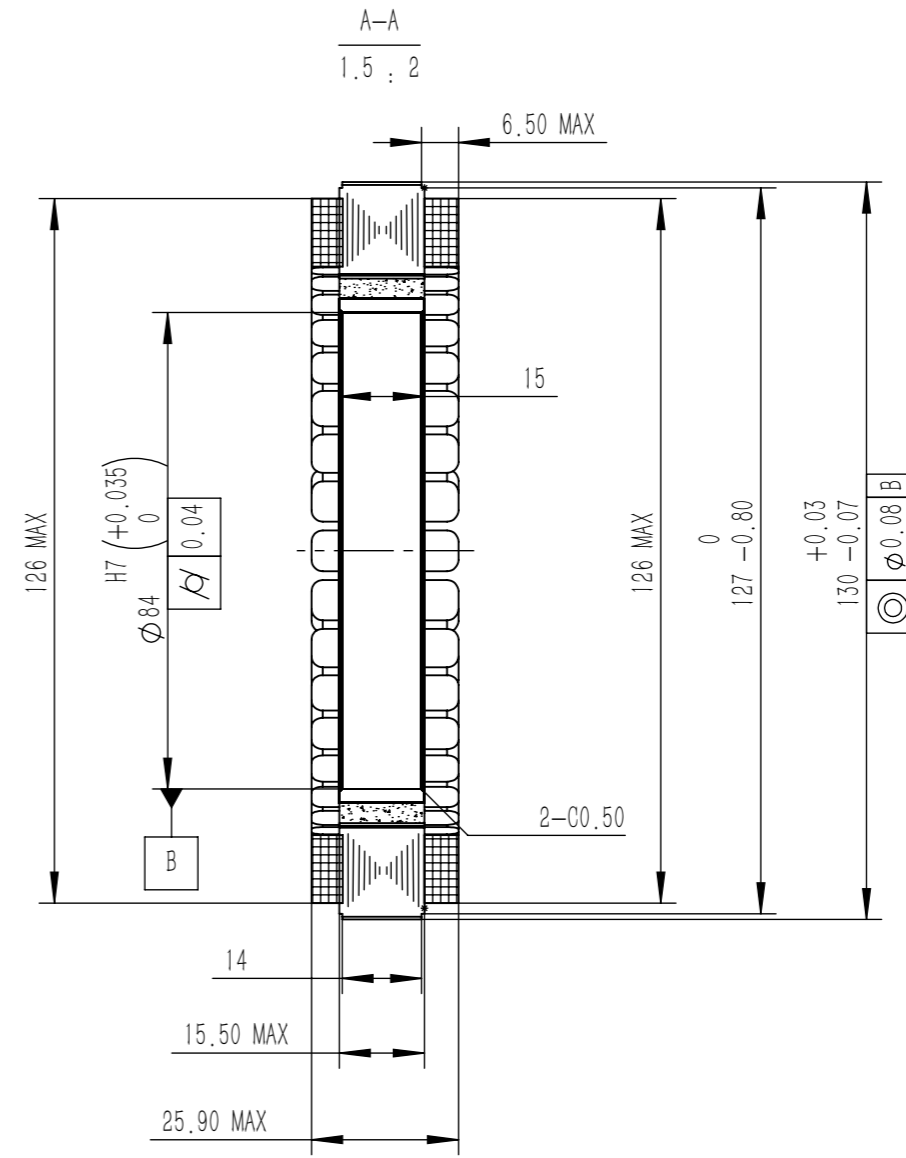
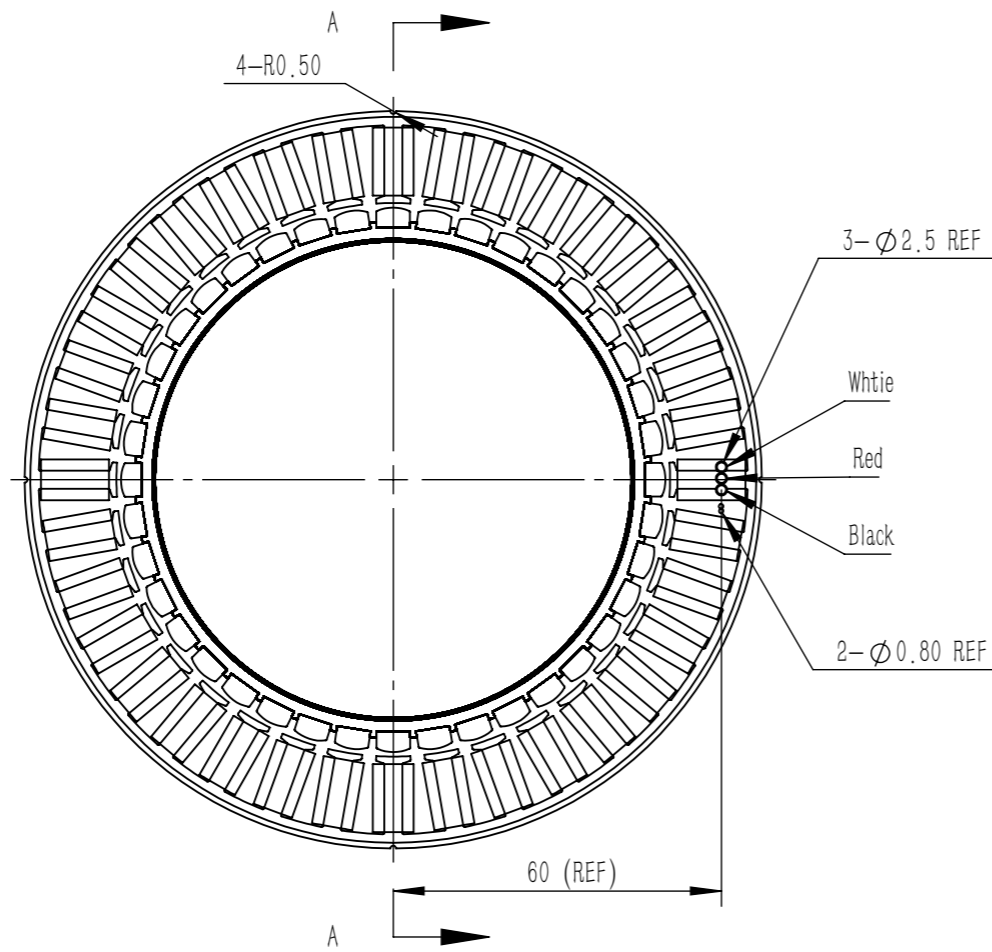
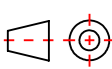


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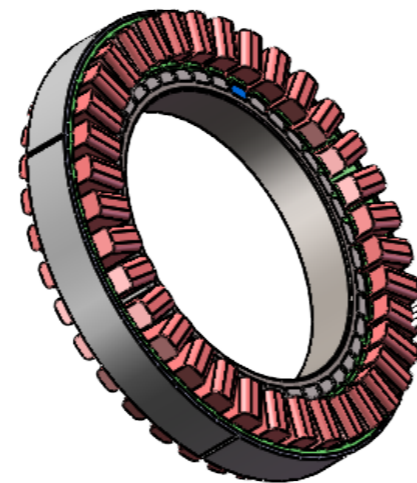
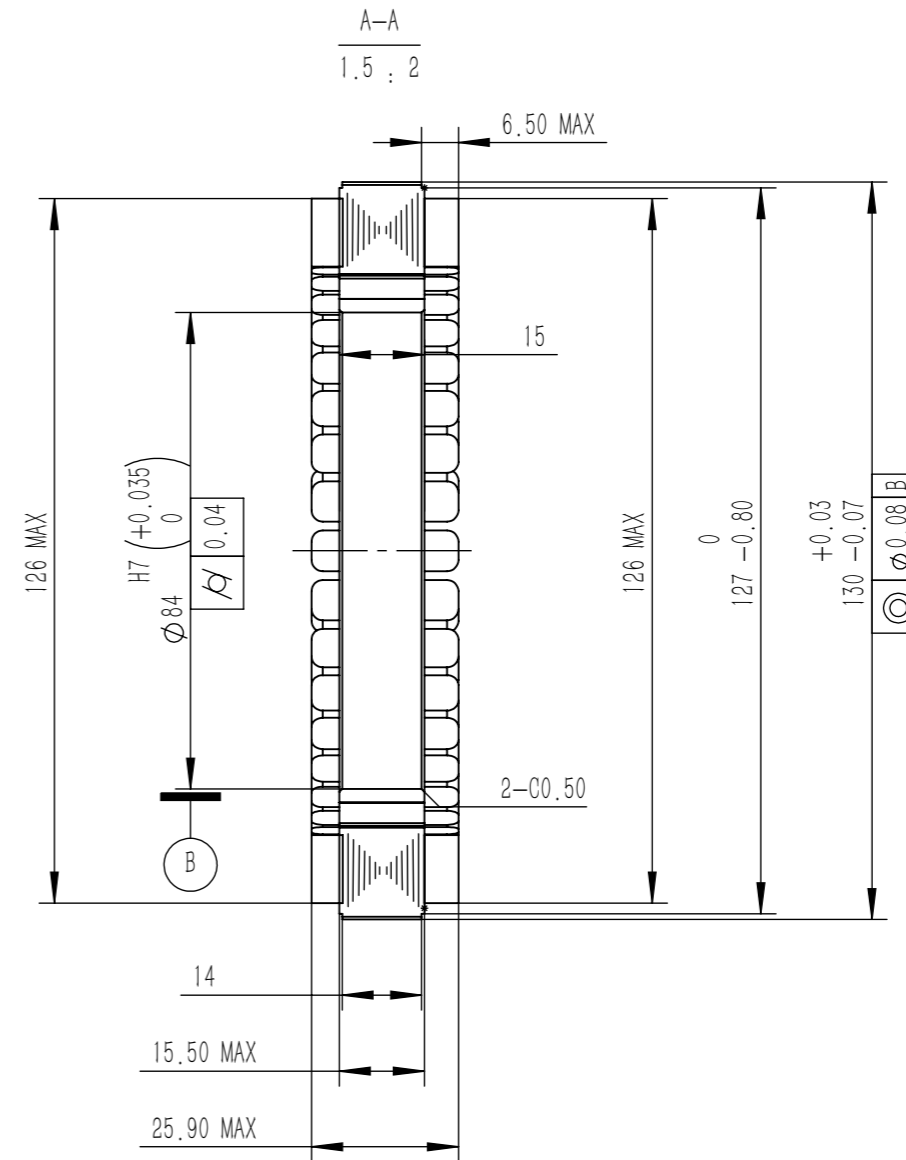
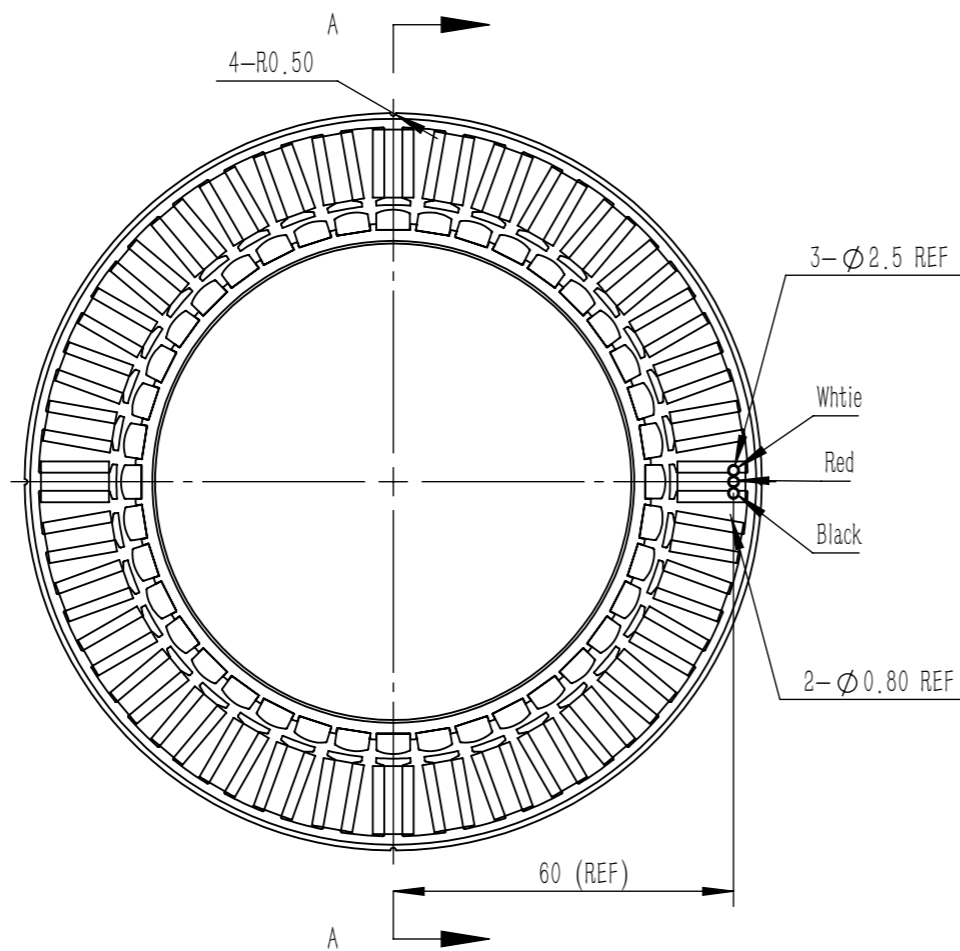


Cable: #14AWG red,black,white,corresponding to U, V, W
 Wire length 250mm
 Temperature control wire: #26AWG, yellow and green wires, length: 250mm
 Temperature Coefficient Thermistor: CA-NTC24C018

Model	U13025
DC voltage (VDC)	48
Rated output (W)	419.2
Rated torque (N.m)	5
Rated current(A)	18
Rated speed (rpm)	800
Maximum speed (rpm)	1400
Instant max torque (N.m)	11
Instant max current (A)	40
Coil resistance (ohms@20°C)	0.21
Coil inductance (mH)	0.59
Torque parameters (Nm/A)	0.28
Back EMF coefficient (Vrms/KRPM)	26.5
Number of pole-pairs (2P)	20
Rotor inertia (Kg.cm ²)	2.5
Winding connection way	▲

								MOSRAC 强和电机		
								Drawing Sign	Version	U13025 Frameless Torque Motor
Marker	Place number	Drawing Zone	Rev. No.	Signature	Month-Day-Year			Weight	WI-YF-U13025DJA01	
Designer	Tjt	2026/1/7	Unification					Scale	MOSRAC Motor R&D Department	
Checker			Process Engineer							
Technical	Cmh	2026/1/7	Approval					Sheet of	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	U13025
AC voltage (VAC)	220
Rated output (W)	1048
Rated torque (N.m)	5
Rated current(A)	5.1
Rated speed (rpm)	2000
Maximum speed (rpm)	3000
Instant max torque (N.m)	11
Instant max current (A)	25
Coil resistance (ohms@20°C)	1.98
Coil inductance (mH)	5.56
Torque parameters (Nm/A)	1
Back EMF coefficient (Vrms/KRPM)	76.2
Number of pole-pairs (2P)	20
Rotor inertia (Kg.cm2)	2.5
Winding connection way	▲

								MOSRAC 强和电机		
								Drawing Sign	Version	U13025 Frameless Torque Motor
Marker	Place number	Drawing Zone	Rev. No.	Signature	Month-Day-Year			Weight	WI-YF-U13025DJA01	
Designer	Tjt	2026/1/7	Unification					Scale	MOSRAC Motor R&D Department	
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