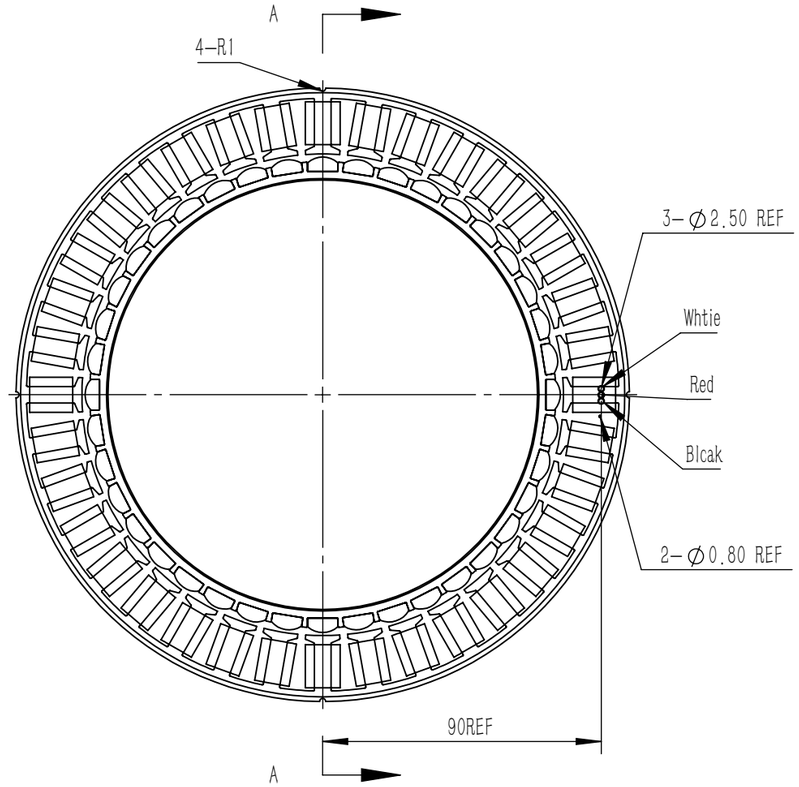
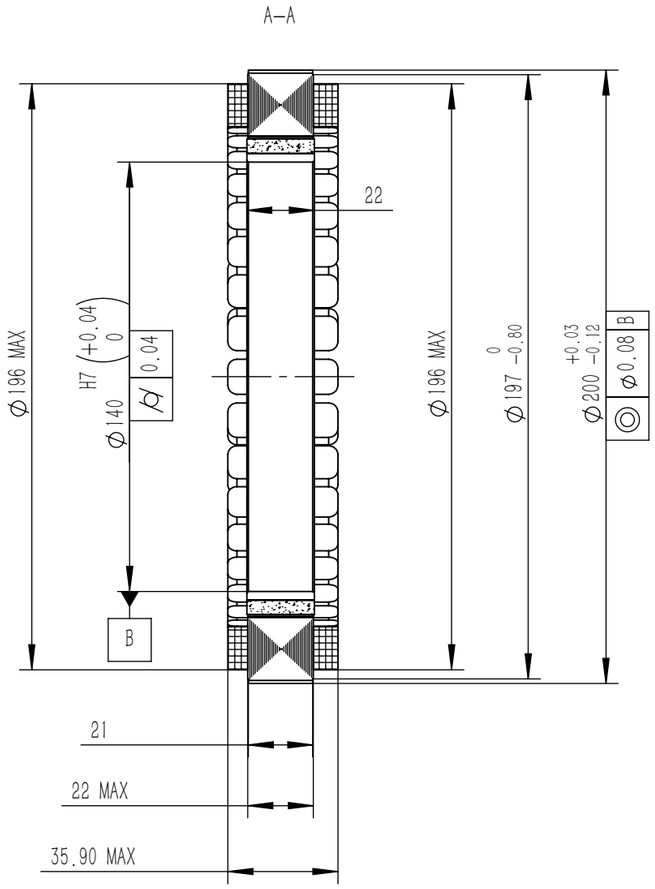
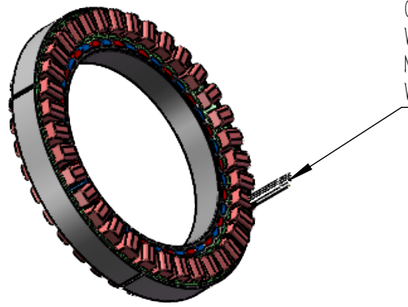
保密





Model	U20035
DC voltage (VDC)	48
Rated output (W)	503.04
Rated torque (N.m)	24
Rated current(A)	18
Rated speed (rpm)	200
Maximum speed (rpm)	400
Instant max torque (N.m)	50
Instant max current (A)	40
Coil resistance (ohms@20℃)	0.29
Coil inductance (mH)	1.79
Torque parameters (Nm/A)	0.75
Back EMF coefficient (Vrms/KRPM)	81.1
Number of pole–pairs (2P)	20
Rotor inertia (Kg.cm2)	28
Winding connection way	▲



Cable: #14AWG red,black,white,corresponding to U, V, W
Wire length 250mm
NTC: CA–NTC24C018
Wire: #26AWG Yellow:+,Green:– Length:250mm

								MOSRAC强和电机
						Drawing Sign	Version	U20035 Frameless Torque Motor
Marker	Place number	Drawing Zone	Rev.No.	Signature	Month-Day-Year		Weight	WI–YF–U20035DJA01
Designer	Tjt	2026/1/7	Unification				Scale	MOSRAC Motor R&D Department
Checker			Process Engineer					Perspective
Technical	Cmh	2026/1/7	Approval			Sheet of		

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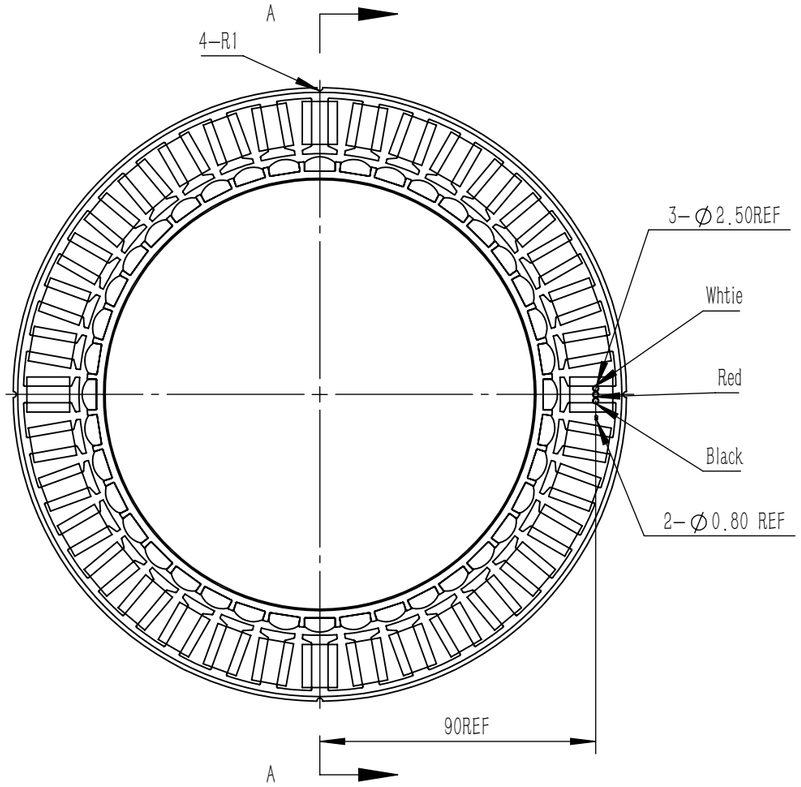
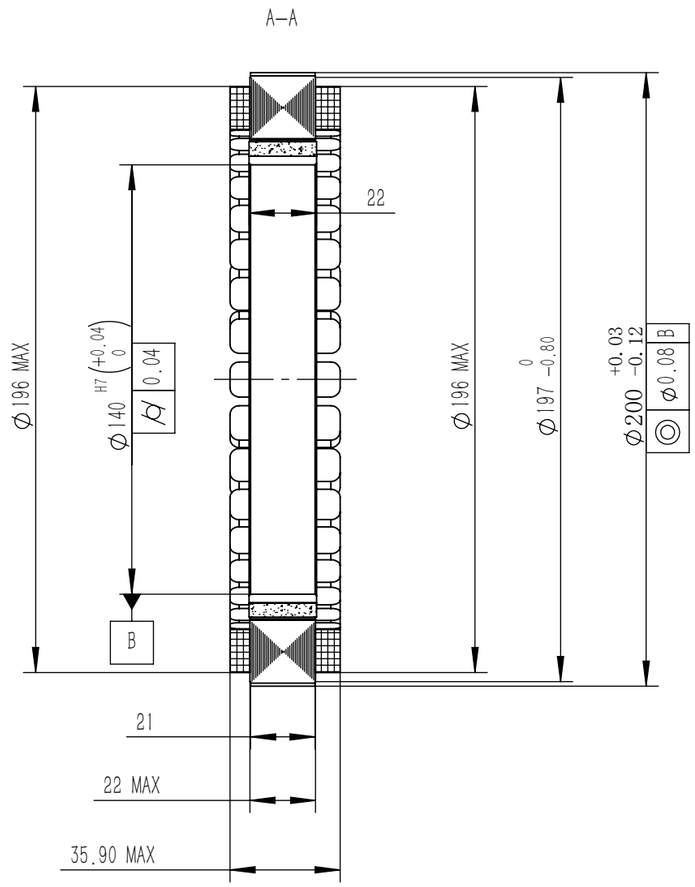
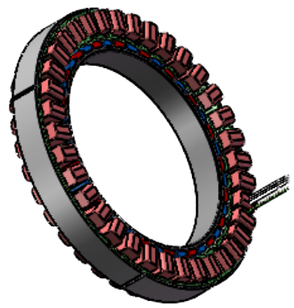




Model	U20035
AC voltage (VAC)	220
Rated output (W)	1257.6
Rated torque (N.m)	24
Rated current(A)	10
Rated speed (rpm)	500
Maximum speed (rpm)	800
Instant max torque (N.m)	50
Instant max current (A)	25
Coil resistance (ohms@20℃)	0.8
Coil inductance (mH)	1.68
Torque parameters (Nm/A)	2.4
Back EMF coefficient (Vrms/KRPM)	200
Number of pole–pairs (2P)	20
Rotor inertia (Kg.cm2)	28
Winding connection way	▲



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						Drawing Sign	Version	U20035 Frameless Torque Motor
Marker	Place number	Drawing Zone	Rev.No.	Signature	Month-Day-Year		Weight	WI–YF–U20035DJA01
Designer	Tjt	2026/1/26	Unification				Scale	MOSRAC Motor R&D Department
Checker			Process Engineer					Perspective
Technical	Cmh	2026/1/26	Approval			Sheet of		