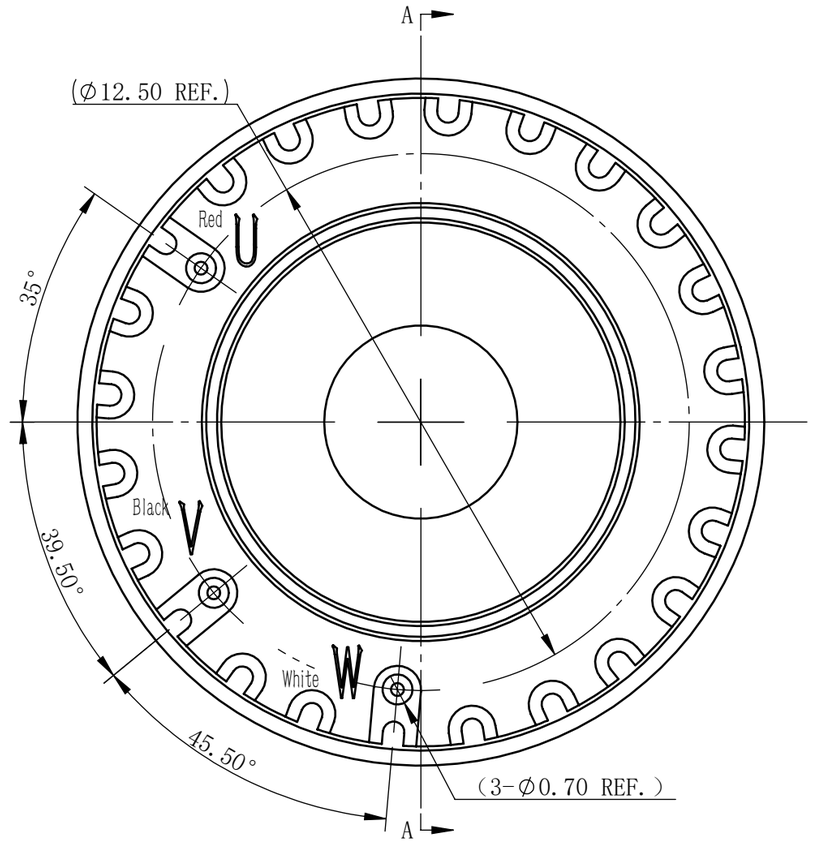
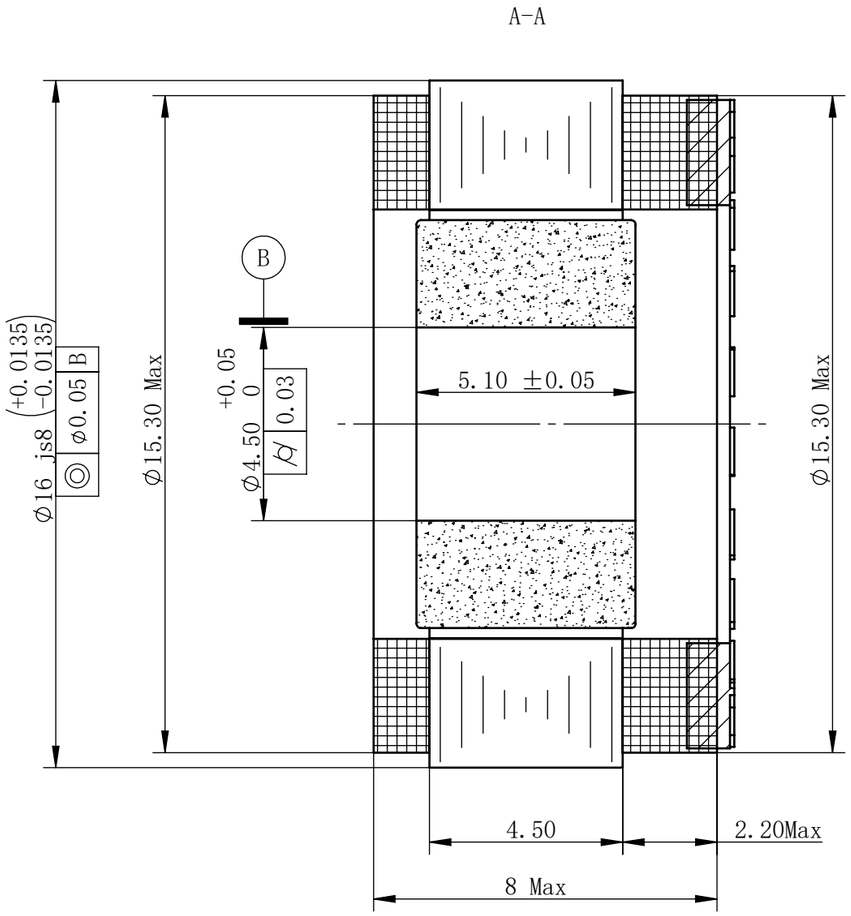
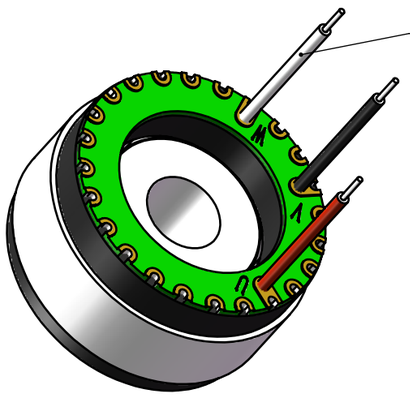




Model	U1608
DC voltage (VDC)	24
Rated output (W)	4.7
Rated torque (N.m)	0.005
Rated current(A)	0.25
Rated speed (rpm)	9000
Maximum speed (rpm)	13000
Instant max torque (N.m)	0.01
Instant max current (A)	0.5
Coil resistance (ohms@20℃)	8.18
Coil inductance (mH)	0.684
Torque parameters (Nm/A)	0.02
Back EMF coefficient (Vrms/KRPM)	1.25
Number of pole-pairs (2P)	5
Rotor inertia (Kg.cm2)	0.00029
Winding connection way	Y



Frameless Torque Motor				Model	U1608-000000	Unit	mm
Designer	HJ	Date	2026/10/31	MOSRAC Motor R&D Department			
Checker		Date					
Approval		Date					
Perspective		Version	V1.0				

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