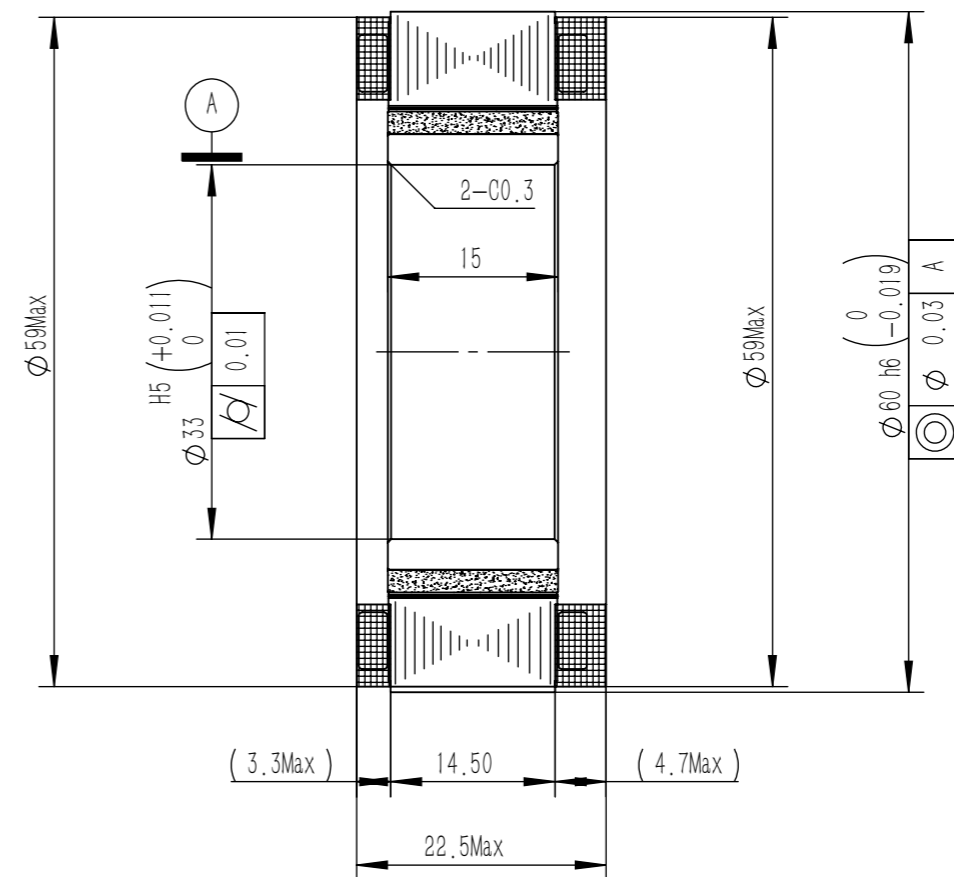
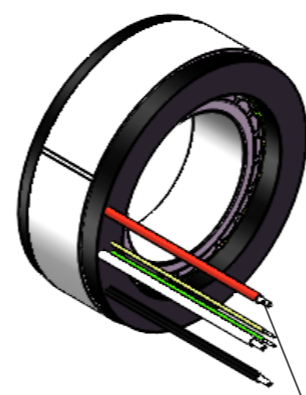


B-B  
1.5 : 1



Model	U6022
DC voltage (VDC)	48
Rated output (W)	188.5
Rated torque(N.m)	0.6
Rated current(A)	6.5
Rated speed(rpm)	3000
Maximum speed(rpm)	4500
Instant max torque (N.m)	1.8
Instant max current (A)	19.5
Coil resistance(ohms@20°C)	0.41
Coil inductance(mH)	0.4
Torque parameters (Nm/A)	0.0923
Back EMF coefficient(Vrms/KRPM)	6.7
Number of pole-pairs(2P)(2P)	10
Rotor inertia (Kg.cm <sup>2</sup> )	0.198
Winding connection way	Y
Weight(g)	200
Motor Temperature Rise(K)	55
Cogging Torque(mN.m)	17(REF.)



Cable: #17AWG 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

								<b>MOSRAC</b> 强和电机			
								Drawing Sign	Version	V1.0	U6022 Frameless Torque Motor
Marker	Place number	Drawing Zone	Rev. No.	Signature	Month-Day-Year			Weight	WI-YF-U6022DJA01		
Designer	CMH	2025/8/25	Unification					Scale	Qianghe Motor R&D Department		
Checker			Process Engineer							Perspective	
Technical			Approval							Sheet 1 of 1	