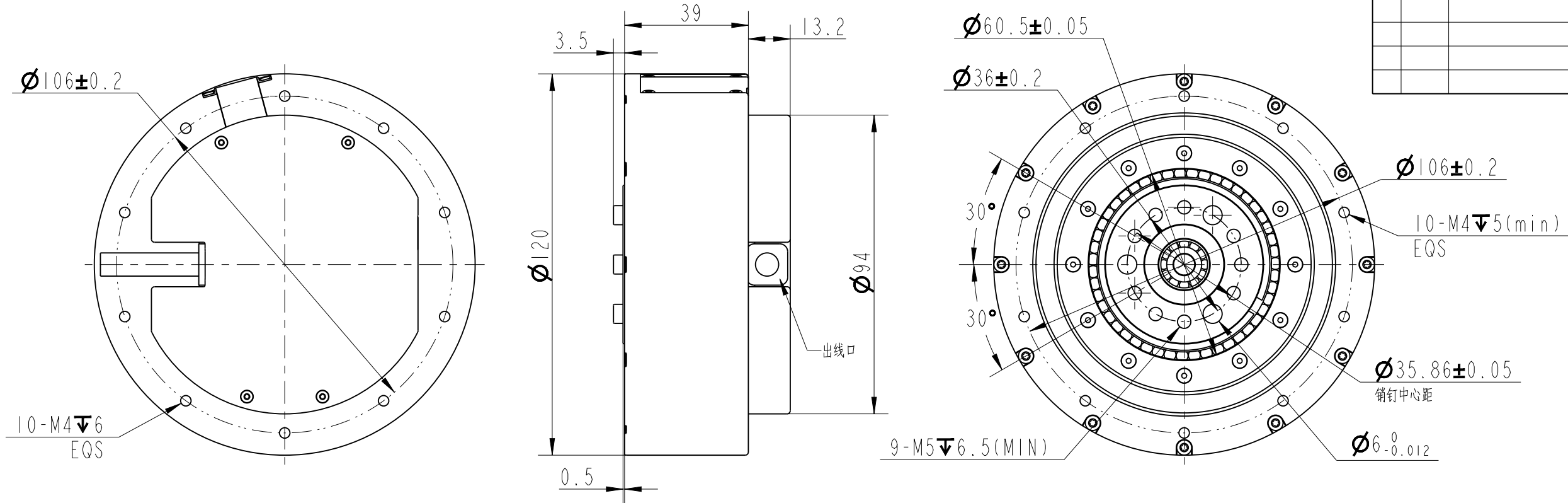


REV	ECN	NO	DESCRIPTION	DRN	APP'D	DATE



减速机速比：9：1
控制方式：FOC

NUMBER OF PHASE	绕组相数	3				
NUMBER OF POLES	极数	42				
LINE TO LINE RESISTANCE	线电阻	/±10% ohms@20°C				
LINE TO LINE INDUCTANCE	线电感	/±20% mH@1kHz				
NOMINAL VOLTAGE	额定电压	48 VDC				
NO LOAD SPEED	空载转速	1800±10% RPM				
NO LOAD CURRENT	空载电流	2 Arms	PERMISSIBLE RADIAL+AXIAL FORCE			
RATED TORQUE	额定转矩	40N.m				
RATED SPEED	额定转速	167 RPM				
RATED CURRENT	额定电流	27 Apk				
PEAK TORQUE	峰值转矩	120N.m				
PEAK CURRENT	峰值电流	90 Apk				
BACK EMF CONSTANT	反电势常数	16.9 Vrms/kRPM				
TORQUE CONSTANT	转矩常数	2.1N.m/A				
INSULATION CLASS	绝缘等级	B 130°C	AXIAL-FORCE	轴向压力	Fa=\\	
DIELECTRIC STRENG	介电强度	1000VAC ISEC	DISTANCE	距离	a=\\	
INSULATION RESIST	绝缘电阻	100MOhm @500VDC	RADIAL-FORCE	径向压力	Fr=\\	
ROTOR INERTIA	转子转动惯量	/g.cm ²	SHAFT RADIAL PLAY	径向间隙	\\	
WEIGHT	重量	1420g	SHAFT AXIAL PLAY	轴向间隙	\\	
OPERATION AMBIENT	使用环境	Ambient temperature:-20...+50°C,humidity Max.85%(No condensation)				
STORAGE AMBIENT	存储环境	Ambient temperature:-20...+85°C,humidity Max.85%(No condensation)				

			PN号		名称		数量	单位	备注
A			DESIGN	DATE	P/N.	3.2.08.000043			
REV	ECN NO.	DESCRIPTION	张露峰	2024-07-17	TITLE	伺服电机			
UNLESS OTHERWISE SPECIFIED TOLERANCES: DECIMALS: .X ±0.5 .XX ±0.25 .XXX ±0.1 UNIT: mm DO NOT SCALE DRAWING		MATERIAL	WEIGHT	CHECK	2024-07-17	USED ON	iSVD120C-48V-700-A14-001		
				顾海波					
			SHEET	STANDARDIZATION	2024-07-17	DWG NO.	REV A		
			1 OF 1	张长巧					
		FIRST ANGLE PROJECTION	SCALE	APPD	2024-07-17	ROLLING MOTOR			
				2:3					