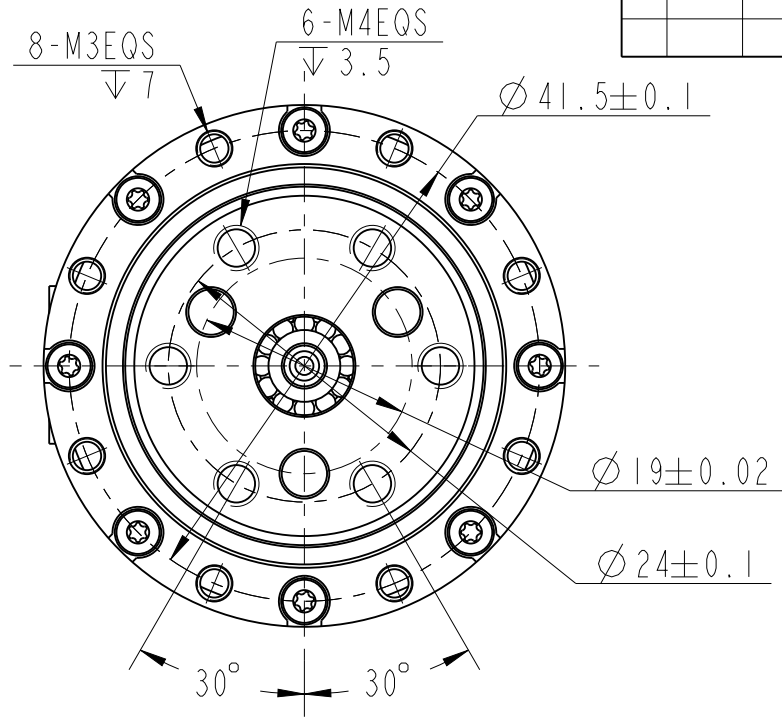
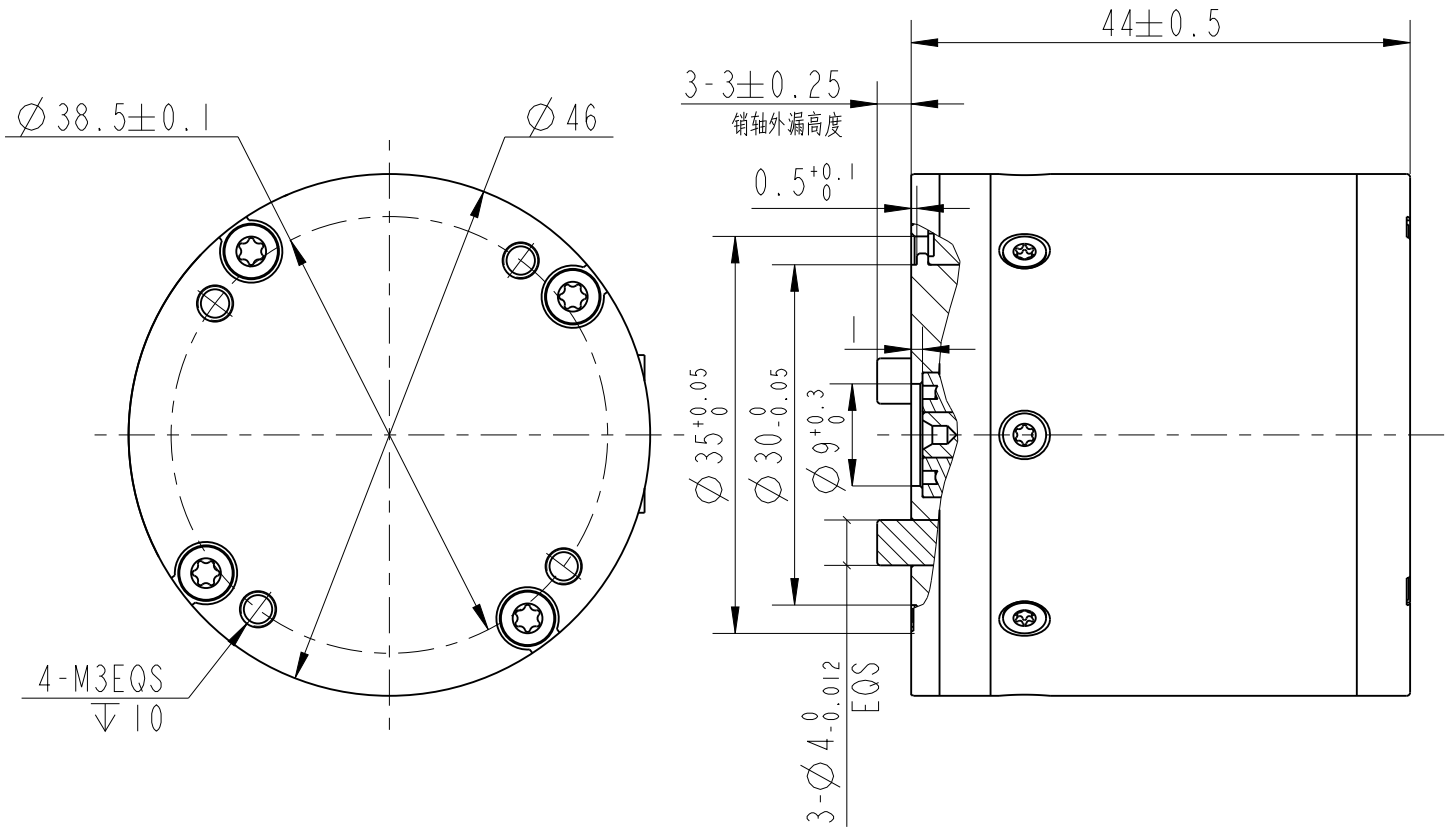


REV	ECN	NO	DESCRIPTION	DRN	APP'D	DATE



Performance Of Gear Box	
Reduction ratio	1/7.75
Rated Torque(N.m)	1.5
Max.Permissible load in a short time(N.m)	5
Gear box Efficiency	95%

热敏电阻:100KΩ±1% $\text{25}^{\circ}\text{C}$

NUMBER OF PHASE	绕组相数	3	Wires for Phases AFR250 0.2mm ²		
NUMBER OF POLES	极数	20	PHASE U	PHASE V	PHASE W
LINE TO LINE RESISTANCE	线电阻	2.75±10% ohms@20°C	WHT	RED	BLK
LINE TO LINE INDUCTANCE	线电感	0.95±30% mH@1kHz	PERMISSIBLE RADIAL+AXIAL FORCE		
NOMINAL VOLTAGE	额定电压	48 VDC			
NO LOAD SPEED	空载转速	4600±10% RPM			
NO LOAD CURRENT	空载电流	0.2 A			
RATED TORQUE	额定转矩	0.2 N.m			
RATED SPEED	额定转速	3100 RPM			
RATED CURRENT	额定电流	1.8 A			
PEAK TORQUE	峰值转矩	0.6 N.m			
PEAK CURRENT	峰值电流	5.4 A			
BACK EMF CONSTANT	反电势常数	7.4 Vrms/kRPM			
TORQUE CONSTANT	转矩常数	122 mN.m/A			
INSULATION CLASS	绝缘等级	B 130°C	AXIAL-FORCE	轴向压力	Fa= / N Max
DIELECTRIC STRENG	介电强度	600VAC ISEC	DISTANCE	距离	a= /mm
INSULATION RESIST	绝缘电阻	100MOhm @500VDC	RADIAL-FORCE	径向压力	Fr= /N Max
ROTOR INERTIA	转子转动惯量	TBDg.cm ²	SHAFT RADIAL PLAY	径向间隙	/mm Max.
WEIGHT	重量	191g	SHAFT AXIAL PLAY	轴向间隙	/mm Max.
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)			

C			DESIGN	DATE	P/N.	
REV	ECN NO.		DESCRIPTION	GHB	251120	TITLE
UNLESS OTHERWISE SPECIFIED TOLERANCES: DECIMALS: .X ±0.5 .XX ±0.25 .XXX ±0.1 UNIT: mm DO NOT SCALE DRAWING		MATERIAL	WEIGHT	CHECK		Specifications
						USED ON
			SHEET	STANDARDIZATION		iSVD46C-48V-17-A14-001
			I OF I			DWG NO.
FIRST ANGLE PROJECTION		SCALE	APPD		REV	C
		3:2			FULLING MOTOR	