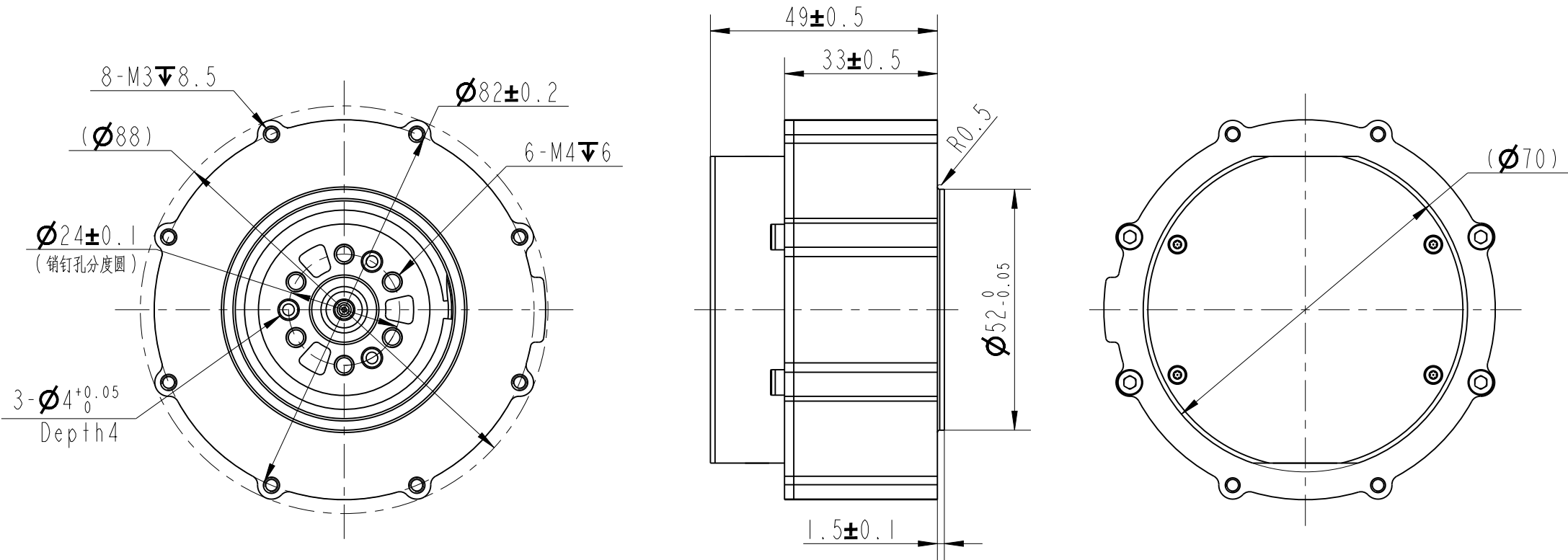
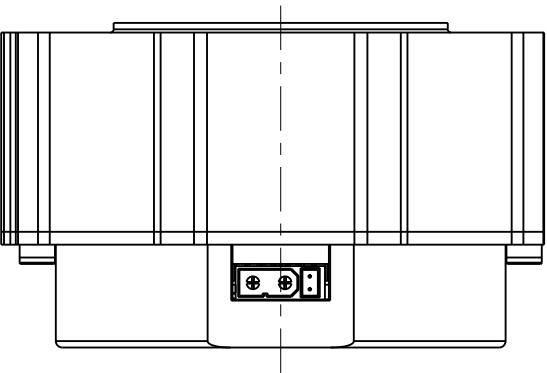


REV	ECN NO	DESCRIPTION	DRN	APP'D	DATE



技术要求：
1. 减速比9：1；
2. 驱动方式FOC.

NUMBER OF PHASE	绕组相数	3	Wires for Phases				
NUMBER OF POLES	极数	28					
LINE TO LINE RESISTANCE	线电阻	0.23±10% ohms@20°C					
LINE TO LINE INDUCTANCE	线电感	0.165±20% mH@1kHz	Wires for Hall				
NOMINAL VOLTAGE	额定电压	48 VDC	HALL Vcc	Hu	Hv	Hw	HALL Gnd
NO LOAD SPEED	空载转速	480±10% RPM					
NO LOAD CURRENT	空载电流	0.98±10% A	PERMISSIBLE RADIAL+AXIAL FORCE				
RATED TORQUE	额定转矩	11 N.m					
RATED SPEED	额定转速	100±10% RPM					
RATED CURRENT	额定电流	14.3±10% Apk					
PEAK TORQUE	峰值转矩	36 N.m					
PEAK CURRENT	峰值电流	57.0±10% Apk					
BACK EMF CONSTANT	反电势常数	7.6±10% Vrms/kRPM					
TORQUE CONSTANT	转矩常数	1.09 N.m/A					
INSULATION CLASS	绝缘等级	B 130°C	AXIAL-FORCE		轴向压力	Fa=10 N Max	
DIELECTRIC STRENG	介电强度	1000VAC ISEC	DISTANCE		距离	a=10 mm	
INSULATION RESIST	绝缘电阻	100MOhm @500VDC	RADIAL-FORCE		径向压力	Fr=28 N Max	
ROTOR INERTIA	转子转动惯量	g.cm ²	SHAFT RADIAL PLAY		径向间隙	0.02mm Max.@4N	
WEIGHT	重量	621 g	SHAFT AXIAL PLAY		轴向间隙	0.14mm Max.@4N	
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)					



Preliminary

A			DESIGN	DATE	P/N.	3.1.02.082.0013
REV	ECN NO.	DESCRIPTION	WYW	25.06.30	TITLE	整机
UNLESS OTHERWISE SPECIFIED TOLERANCES: DECIMALS: .X ±0.5 .XX ±0.25 .XXX ±0.1 UNIT: mm DO NOT SCALE DRAWING		MATERIAL	WEIGHT	CHECK	USED ON	iSVD88C-48V-480-A14-001
			SHEET	STANDARDIZATION	DWG NO.	REV A
			1 OF 1			
		FIRST ANGLE PROJECTION	SCALE	APPD		FULLING MOTOR
			1:1			