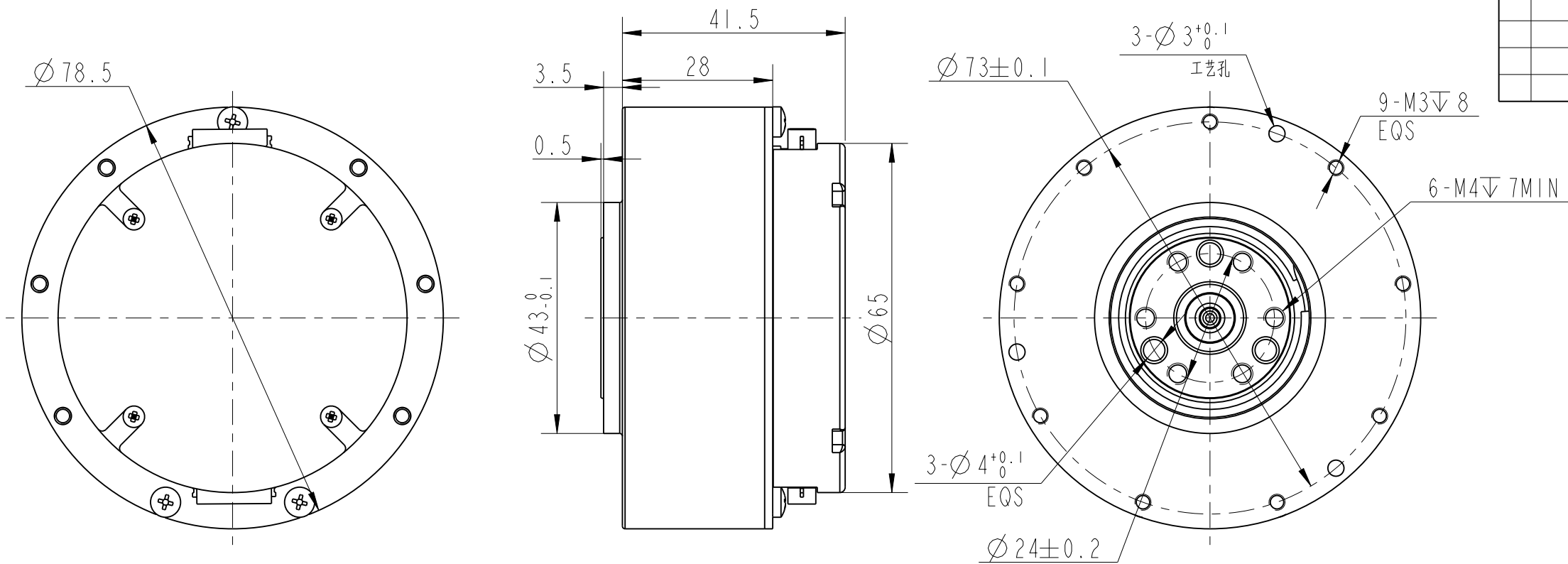


REV	ECN NO	DESCRIPTION	DRN	APP'D	DATE



Performance Of Gear Box	
Reduction ratio	1/7.75
Rated Torque(N.m)	6
Max.Permissible load in a short time(N.m)	17
Gear box Efficiency	95%

保密

Preliminary

NUMBER OF PHASE	绕组相数	3	Wires for Phases		
NUMBER OF POLES	极数	28			
LINE TO LINE RESISTANCE	线电阻	0.55±5% ohms@20°C			
LINE TO LINE INDUCTANCE	线电感	TBD±20% mH@1kHz			
NOMINAL VOLTAGE	额定电压	48 VDC	PERMISSIBLE RADIAL+AXIAL FORCE		
NO LOAD SPEED	空载转速	410±10% RPM			
NO LOAD CURRENT	空载电流	0.45 A (REF)			
RATED TORQUE	额定转矩	6N.m			
RATED SPEED	额定转速	360rpm±10%			
RATED CURRENT	额定电流	7A _{pk}			
PEAK TORQUE	峰值转矩	17N.m			
PEAK CURRENT	峰值电流	23A _{pk}			
BACK EMF CONSTANT	反电势常数	9.45 V _{rms} /kRPM			
TORQUE CONSTANT	转矩常数	1.22 N.m/A			
INSULATION CLASS	绝缘等级	B 130°C	AXIAL-FORCE	轴向压力	F _a =\
DIELECTRIC STRENG	介电强度	600VAC ISEC.2mA	DISTANCE	距离	a=\
INSULATION RESIST	绝缘电阻	100MΩhm @500VDC	RADIAL-FORCE	径向压力	F _r =\
ROTOR INERTIA	转子转动惯量	TBD	SHAFT RADIAL PLAY	径向间隙	\
WEIGHT	重量	380g	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)			

A			DESIGN	DATE	P/N.	
REV	ECN NO.	DESCRIPTION			TITLE	
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	iSVD78C-48V-230-A14-002
			SHEET	STANDARDIZATION	DWG NO.	REV A
		FIRST ANGLE PROJECTION	SCALE	APPD	FULLING MOTOR	
			1:1			