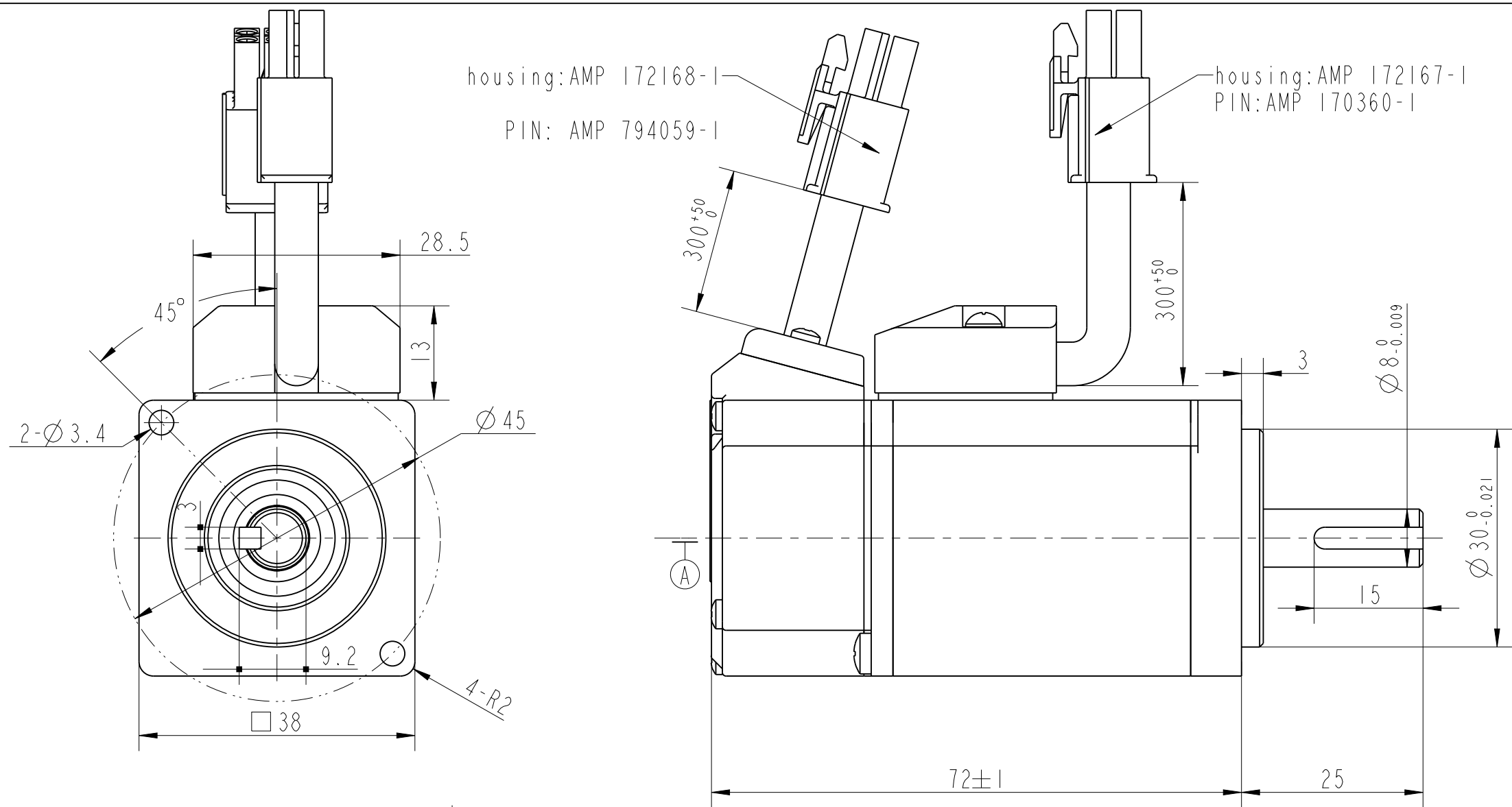
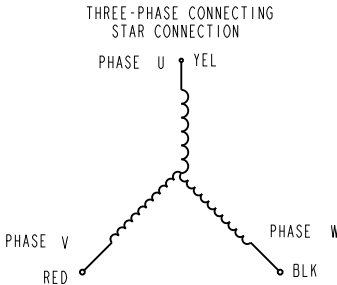




REV	ECN	NO	DESCRIPTION	DRN	APP'D	DATE



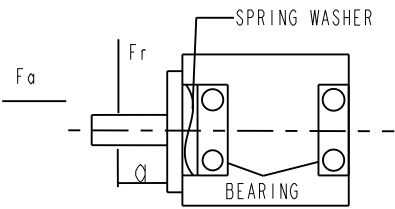
PRELIMINARY

编码器接线定义

电源接线定义

PIN位置	接口定义	引出线线色
PIN1	U	YEL
PIN2	V	RED
PIN3	W	BLK
PIN4	GND	YEL/GRN

PIN位置	接口定义	引出线线色
PIN1	/	/
PIN2	485+	绿色
PIN3	485-	黄色
PIN4	+5V	红色
PIN5	GND	黑色
PIN6	PE	屏蔽网(黑/白)

NUMBER OF PHASE	绕组相数	3	Wires for Phases AWG20		
NUMBER OF POLES	极数	10	PHASE U	PHASE V	PHASE W
LINE TO LINE RESISTANCE	线电阻	35 $\pm$ 10% ohms@20°C(ref.)	YEL	RED	BLK
LINE TO LINE INDUCTANCE	线电感	22 $\pm$ 20% mH@1kHz(ref.)	Feedback Info		
NOMINAL VOLTAGE	额定电压	220 VAC	Feedback device:17bit absolute magnetic encoder		
NO LOAD SPEED	空载转速	10000 $\pm$ 10% RPM			
NO LOAD CURRENT	空载电流	0.05 A(ref)	PERMISSIBLE RADIAL+AXIAL FORCE 		
RATED TORQUE	额定转矩	160 mN.m			
RATED SPEED	额定转速	3000 RPM			
RATED CURRENT	额定电流	0.5 A			
PEAK TORQUE	峰值转矩	480 mN.m			
PEAK CURRENT	峰值电流	1.5 A			
BACK EMF CONSTANT	反电势常数	21 Vrms/kRPM			
TORQUE CONSTANT	转矩常数	350 mN.m/A			
INSULATION CLASS	绝缘等级	F 155°C	AXIAL-FORCE	轴向压力	Fa=59 N Max
DIELECTRIC STRENG	介电强度	1200VAC ISEC	DISTANCE	距离	a=12.5 mm
INSULATION RESIST	绝缘电阻	100MOhm @500VDC	RADIAL-FORCE	径向压力	Fr=69 N Max
ROTOR INERTIA	转子转动惯量	0.024X10 ⁻⁴ Kg.m ²	SHAFT RADIAL PLAY	径向间隙	0.02mm Max.@4N
WEIGHT	重量	0.4Kg	SHAFT AXIAL PLAY	轴向间隙	0.08mm 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)			

A			DESIGN	DATE	P/N.	
REV	ECN NO.		DESCRIPTION	Luomm	TITLE	SPECIFICATIONS
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	FL38SVL05-220V-30MAA1
			SHEET	STANDARDIZATION	DWG NO.	REV A
		FIRST ANGLE PROJECTION	SCALE	APPD	FULLING MOTOR	
			1:1			