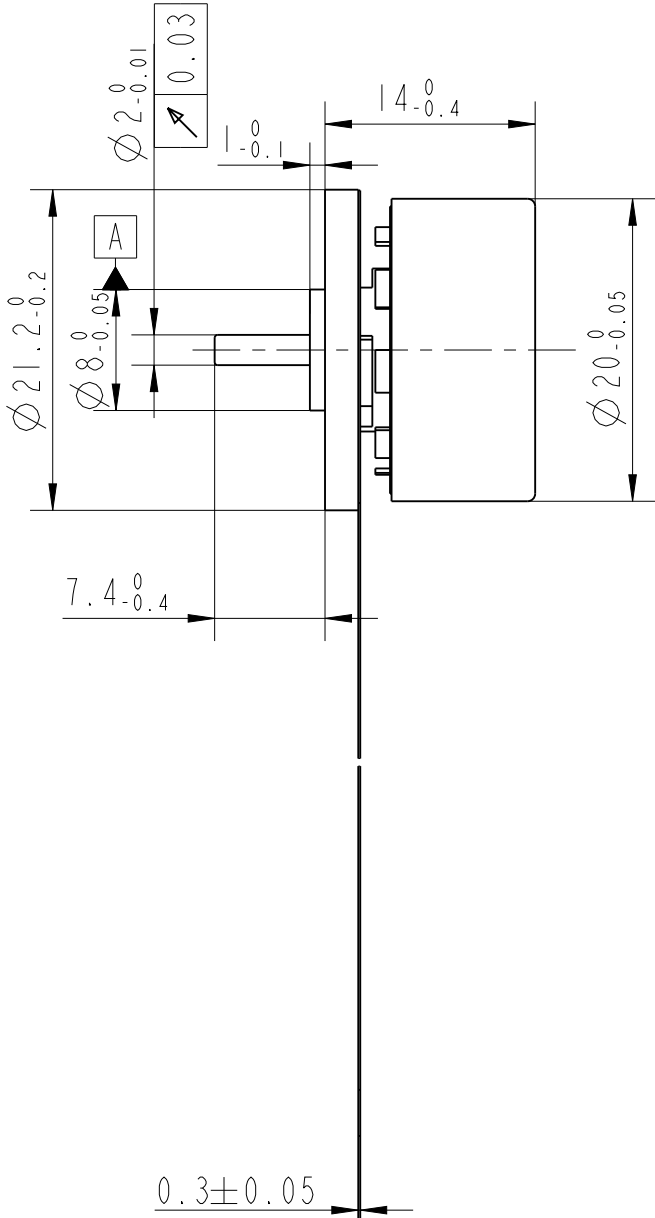
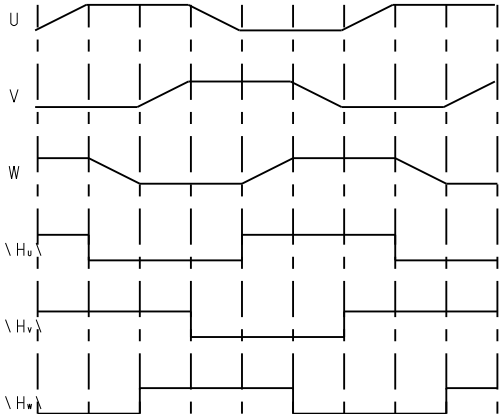


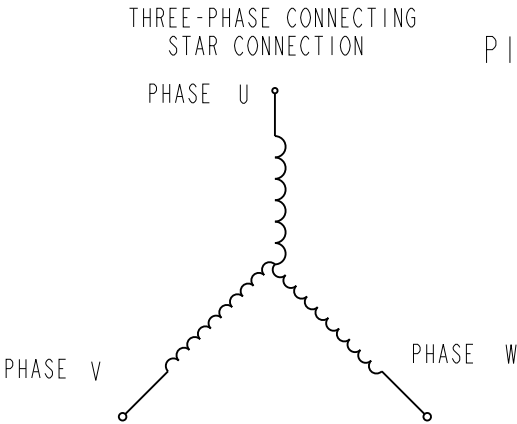
REV	ECN	NO	DESCRIPTION	DRN	APP'D	DATE



CW COMMUTATION
VIEWED FROM OUTPUT SHAFT



NUMBER OF PHASE	绕组相数	3	Wires for Phase		
NUMBER OF POLES	极数	8	PHASE U	PHASE V	PHASE W
LINE TO LINE RESISTANCE	线电阻	$26.1 \pm 10\%$ ohms@20°C	PIN8	PIN7	PIN6
LINE TO LINE INDUCTANCE	线电感	$2.6 \pm 20\%$ mH@1kHz	Wires for Hall		
NOMINAL VOLTAGE	额定电压	24 VDC	HALL V _c	H _u	H _v
NO LOAD SPEED	空载转速	$9530 \pm 10\%$ RPM	PIN1	PIN3	PIN4
NO LOAD CURRENT	空载电流	0.12A	PIN2	PIN5	
RATED TORQUE	额定转矩	7.74 mN.m	PERMISSIBLE RADIAL+AXIAL FORCE		
RATED SPEED	额定转速	5220 RPM			
RATED CURRENT	额定电流	0.32 A			
PEAK TORQUE	峰值转矩	20 mN.m			
PEAK CURRENT	峰值电流	0.85 A			
BACK EMF CONSTANT	反电势常数	$1.78 \pm 10\%$ Vrms/kRPM			
TORQUE CONSTANT	转矩常数	24 mN.m/A			
INSULATION CLASS	绝缘等级	B 130°C	AXIAL-FORCE	轴向压力	Fa=1.8 N Max
DIELECTRIC STRENG	介电强度	600VAC ISEC	DISTANCE	距离	a=5 mm
INSULATION RESIST	绝缘电阻	100MOhm @500VDC	RADIAL-FORCE	径向压力	Fr=5.3 N Max
ROTOR INERTIA	转子转动惯量	5.1g.cm ²	SHAFT RADIAL PLAY	径向间隙	0.02mm Max.@4N
WEIGHT	重量	23 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...+80°C,humidity Max.85%(No condensation)			



B	190312LH01	调整电机参数		DESIGN	DATE	P/N.	3.1.02.020.0003	
REV	ECN NO.	DESCRIPTION		刘辉	2019-03-12	TITLE	电机	
UNLESS OTHERWISE SPECIFIED TOLERANCES: DECIMALS: .X ±0.5 .XX ±0.25 .XXX ±0.1 UNIT: mm DO NOT SCALE DRAWING		MATERIAL	CONTR.	CHECK	2019-03-14	USED ON	FL20BLW14-24V-5205A	
				黄子				
				APPD				
				张长巧				
		FIRST ANGLE PROJECTION		SCALE 2:1	2019-03-14	DWG NO.	REV B	FULLING MOTOR
				SHEET 1 OF 1				

FULLING MOTOR