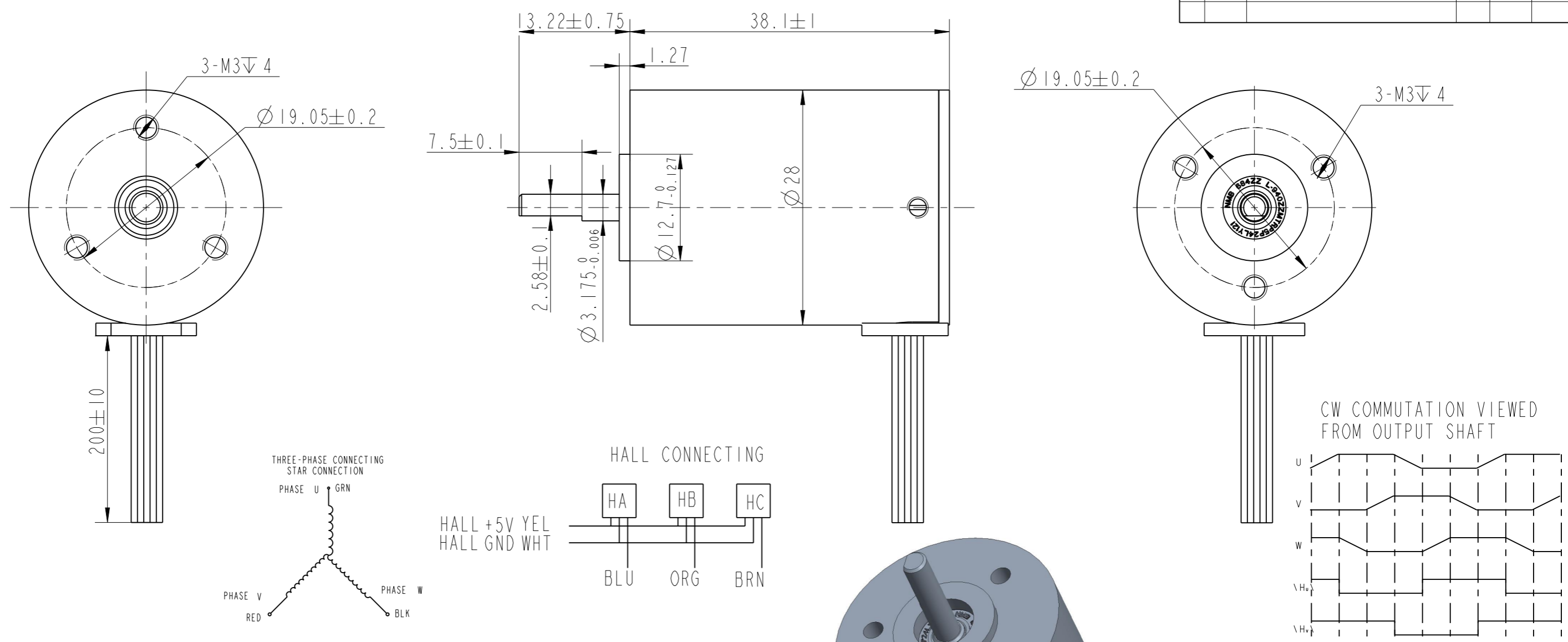


REV	ECN	NO	DESCRIPTION	DRN	APP'D	DATE



NUMBER OF PHASE	绕组相数	3	Wires for Phases UL1007 AWG26		
NUMBER OF POLES	极数	8	PHASE U	PHASE V	PHASE W
LINE TO LINE RESISTANCE	线电阻	$4.2 \pm 10\%$ ohms@20°C	GRN	RED	BLK
LINE TO LINE INDUCTANCE	线电感	$1.69 \pm 20\%$ mH@1kHz	Wires for Hall UL1007 AWG26		
NOMINAL VOLTAGE	额定电压	24 VDC	HALL Vc	Hu	Hv
NO LOAD SPEED	空载转速	$14000 \pm 10\%$ RPM	YEL	BLU	ORG
NO LOAD CURRENT	空载电流	0.3 A	BRN	WHT	
RATED TORQUE	额定转矩	14.12 mN.m	PERMISSIBLE RADIAL+AXIAL FORCE 		
RATED SPEED	额定转速	10000 RPM			
RATED CURRENT	额定电流	0.9 A			
PEAK TORQUE	峰值扭矩	42.4 mN.m			
PEAK CURRENT	峰值电流	2.7 A			
BACK EMF CONSTANT	反电势常数	$1.25 \pm 10\%$ Vrms/kRPM	BEARING		
TORQUE CONSTANT	转矩常数	$16 \pm 10\%$ mN.m/A	FR		
INSULATION CLASS	绝缘等级	B 130°C	AXIAL-FORCE	轴向压力	Fa=2 N Max
DIELECTRIC STRENG	介电强度	1000VAC 1SEC	DISTANCE	距离	a=10 mm
INSULATION RESIST	绝缘电阻	100M Ω m @500VDC	RADIAL-FORCE	径向压力	Fr=10 N Max
ROTOR INERTIA	转子转动惯量	3.69g.cm ²	SHAFT RADIAL PLAY	径向间隙	0.02mm Max.@4N
WEIGHT	重量	0.082Kg	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:-10...+85°C, humidity Max.85%(No condensation)			

REV	ECN	NO.	DESCRIPTION	DESIGN	DATE	P/N.	TITLE
						3.1.02.028.0005	规格书
UNLESS OTHERWISE SPECIFIED TOLERANCES:			MATERIAL	CONTR.	CHECK	USED ON	FL28BL38
DECIMALS:						DWG NO.	REV A
.X ±0.5							
.XX ±0.25							
.XXX ±0.1							
UNIT: mm			FIRST ANGLE PROJECTION	SCALE 2:1	SHEET 1 OF 1	FULLING MOTOR	
DO NOT SCALE DRAWING							