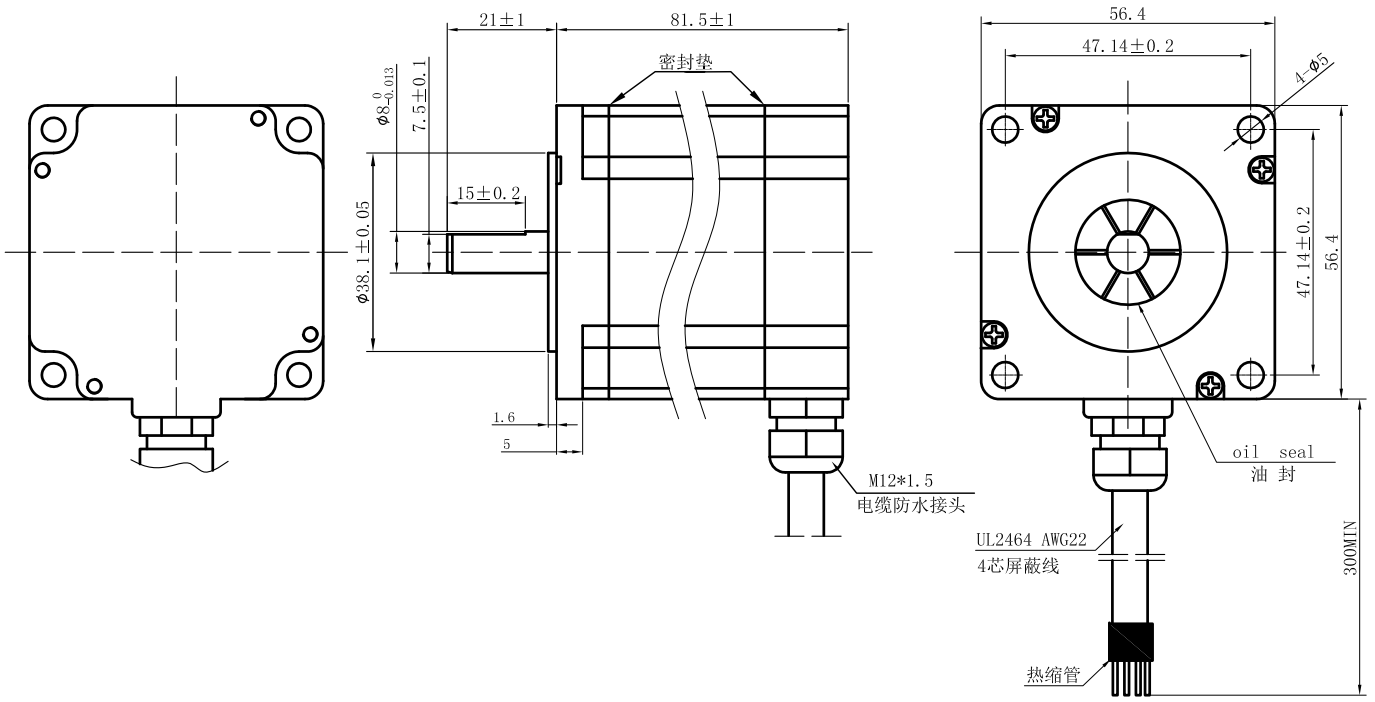
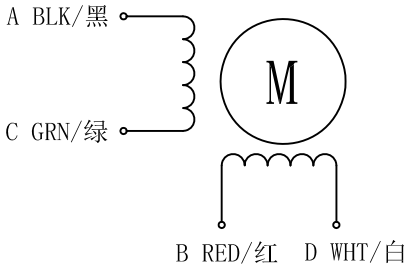
REV	ECN NO.	DESCRIPTION	DRN	APP'D	DATE



WIRING DIAGRAM/接线图



Exciting Sequence(励磁顺序)

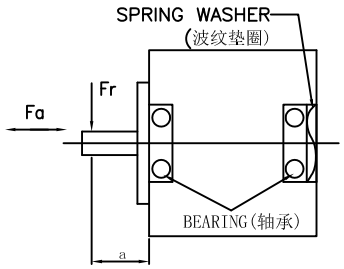
CW DIRECTION	STEP	A	C	B	D
↓	1	+		+	
	2		+	+	
	3		+		+
	4	+			+
	1	+		+	

CW, see from flange side
(顺时针，从法兰侧看)

SPECIFICATION

STEP ANGLE	步距角	1.8°/full step (整步)
STEP ANGLE ACCURACY	步距角精度	±5%
NUMBER OF PHASE	绕组相数	2
RATED VOLTAGE	额定电压	3.2 VDC
RATED CURRENT	额定电流	2.8 A
RESISTANCE/PHASE	每相电阻	1.13±10% ohms@20°C
INDUCTANCE/PHASE	每相电感	3.6±20% mH@1kHz
HOLDING TORQUE	保持转矩	1.89 N.m
PULL OUT TORQUE	运行转矩	N/A
BACK EMF	反电动势	V @300RPM
DETENT TORQUE	定位转矩	N.cm
ROTOR INERTIA	转子转动惯量	480 g.cm ²
WEIGHT	重量	1.2 Kg
TEMPERATURE RISE	温升	Less than 80K (小于80开)
SOURCE VOLTAGE	驱动器电压	24---36VDC
INSULATION CLASS	绝缘等级	B 130°C
DIELECTRIC STRENGTH	介电强度	500VAC 1MIN
INSULATION RESISITANCE	绝缘电阻	100MOhm @500VDC
IP CODE	防护等级	IP65
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)

PERMISSIBLE RADIAL+AXIAL FORCE
(允许的轴向和径向力)



AXIAL-FORCE	轴向压力	Fa=15 N Max.	
DISTANCE	距离	a=20 mm	
RADIAL-FORCE	径向压力	Fr=75 N Max.	
SHAFT RADIAL PLAY	径向间隙	0.02mm Max. @4N	
SHAFT AXIAL PLAY	轴向间隙	0.08mm Max. @4N	

UNLESS OTHERWISE SPECIFIED TOLERANCES:
DECIMALS: ANGULAR:
.x ±0.5 ±0°30`
.xx ±0.25
.xxx ±0.1
UNIT: mm
DO NOT SCALE DRAWING

MATERIAL | CONTR.

FIRST ANGLE PROJECTION

DESIGN | DATE
CHECK
APPD
SCALE 1:1
SHEET OF

P/N. 3.1.01.057.XXXX
TITLE Specifications
USED ON FL57STH76-2804AF-IP65
DWG NO. | REV A

FULLING MOTOR