

A

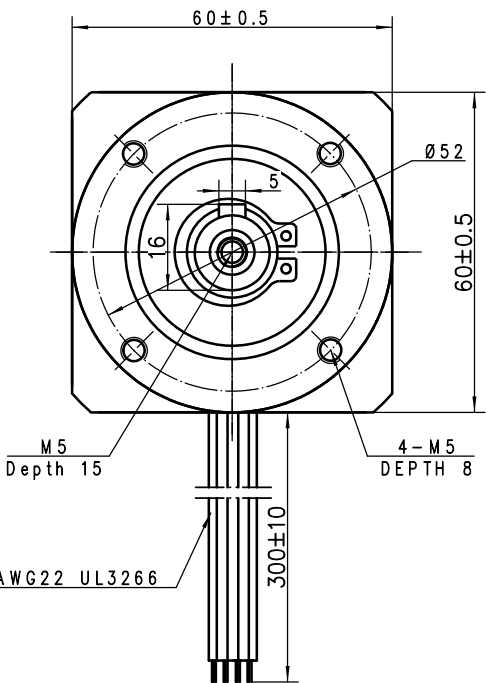
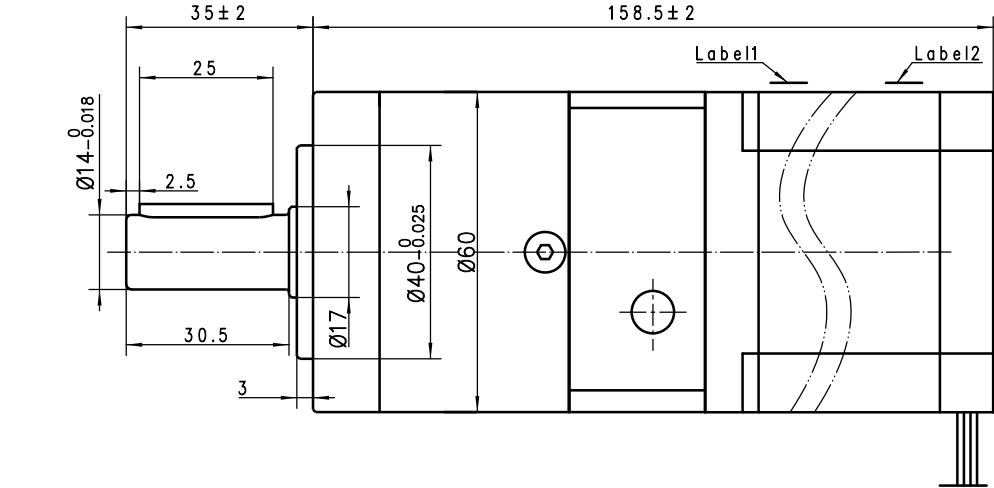
B

C

D

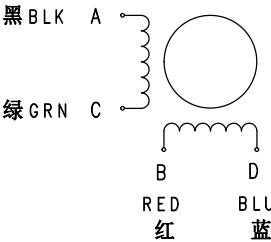
E

F



接线图

Wiring Diagram



励磁顺序vs.旋转方向

Exciting Sequence vs. Direction of Rotation

STEP	A	B	C	D	CW
1	+	+	-	-	↑
2	-	+	+	-	
3	-	-	+	+	
4	+	-	-	+	

从安装面看为顺时针方向

Clockwise view from mouting side

规格 Specifications

1. 相数 Number of Phase	2
2. 步距角 Step Angle	1.8°
3. 额定电压 Rated Voltage	2.6 V DC
4. 额定电流 Rated Current	4.5 Amp
5. 保持力矩 Holding Torque	3.2 N.m Typ.(Two phase on/rated current)
6. 相电阻 Phase Resistance	0.65±0.1ohm (20℃)
7. 相电感 Phase Inductance	2.0 mH±20%(1kHz 1V rms)
8. 转子惯量 Rotor Inertia	900g.cm ²
9. 电机重量 Motor Weight	2230g
10. 绝缘等级 Insulation Class	B(130℃)

减速机规格 Planetary gearbox	
减速比 Reduction ratio	10:1
减速级数 Number of stage	1
回程间隙 Backlash (arcmin)	≤ 10
转动惯量 Moment of inertia	0.054Kg·cm ²
额定扭矩 Rated output torque	12 N·m
瞬间承受最大扭矩 Instant stop torque	两倍于额定扭矩 Two times of rated output torque
传动效率 Full load efficiency	96%
噪音 Noise	<65dB(L=100cm)

铭牌1 Label1

MOONS' STEPPING MOTOR
TYPE AM24HS5401-PG10
DATE YY/MM/DD

Date Format

铭牌2 Label2

日期格式



			Unit: mm 第一角画法 FIRST ANGLE METHOD 未注线性与角度尺寸公差 Tolerances for linear and angular dimensions without individual tolerance indications GB/T 1804-m eqv ISO 2768-1:m 未注形状与位置尺寸公差 Geometrical tolerance for features without individual tolerance indications GB/T 1184-K eqv ISO 2768-2:K	批准 Approve			MOONS'		Hybrid Stepping Motor		
				标准化 Standard			SHANGHAI AMP & MOONS' AUTOMATION CO.,LTD				
				工艺 Technology			This document is released for information only. Its reproduction in whole or in part or its dissemination to third parties is prohibited. All trademarks and registered trademarks appearing on this document are the property of their respective owners.				
				审核 Check							
				设计 Design							
A	原始版本	Original revision	2017.12.15				AM24HS5401-PG10		Rev.A	SCALE 1:1	Sheet 1 of 1
REV.	版本记录		REVISION RECORD	DATE	UNLESS OTHERWISE SPECIFIED	NAMES	SIGNATURE	DATE			