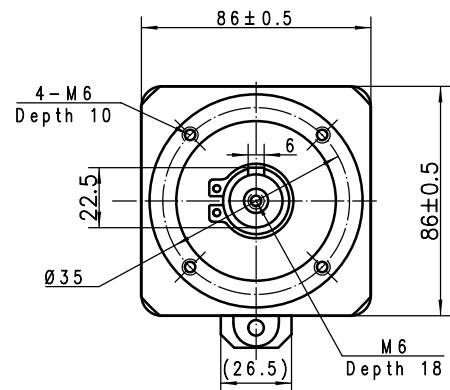
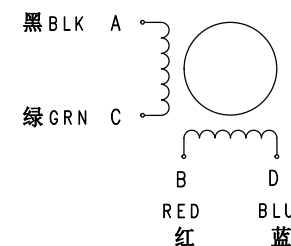




Wiring Diagram



Exciting Sequence vs. Direction of Rotation

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

Clockwise view from mouting side

1. 相数 Number of Phase	2
2. 步距角 Step Angle	1.8°
3. 额定电压 Rated Voltage	2.74 V DC
4. 额定电流 Rated Current	7 Amp
5. 保持力矩 Holding Torque	9.4 N.m Typ.(Two phase on/rated current)
6. 相电阻 Phase Resistance	0.49 ±0.1ohm (20°C)
7. 相电感 Phase Inductance	5.8 mH±20%(1kHz 1V rms)
8. 转子惯量 Rotor Inertia	2750g.cm ²
9. 电机重量 Motor Weight	5.91 kg
10. 绝缘等级 Insulation Class	B(130°C)

减速机规格 Planetary gearbox	
减速比 Reduction ratio	5:1
减速级数 Number of stage	1
回程间隙 Backlash (arcmin)	≤ 10
转动惯量 Moment of inertia	0.45Kg·cm ²
额定扭矩 Rated output torque	50 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	<60dB (L=100cm)

MOONS' STEPPING MOTOR
TYPE AM34HD2403-PG05
DATE YY/MM/DD

铭牌2 Label2



设计 Design

Hybrid Stepping Motor

SHANGHAI AMP & MOONS' AUTOMATION CO.,LTD

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REV.	版本记录	REVISION	RECORD	DATE	UNLESS OTHERWISE SPECIFIED	NAMES	SIGNATURE	DATE	AM34HD2403-PG05	Rev.A	SCALE 1:2	Sheet 1 of 1
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