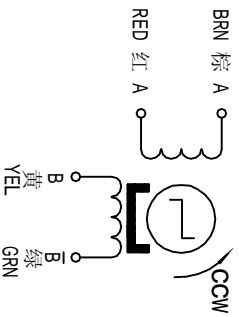
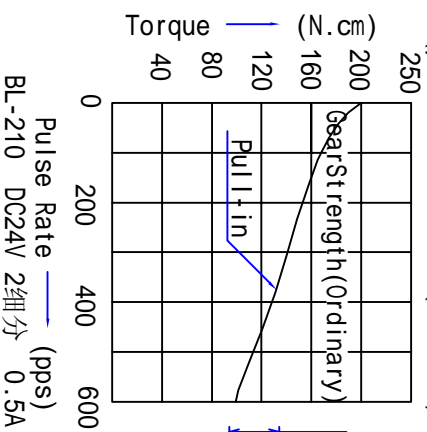


PM STEPPING MOTOR MOD.55BY48BJ30A

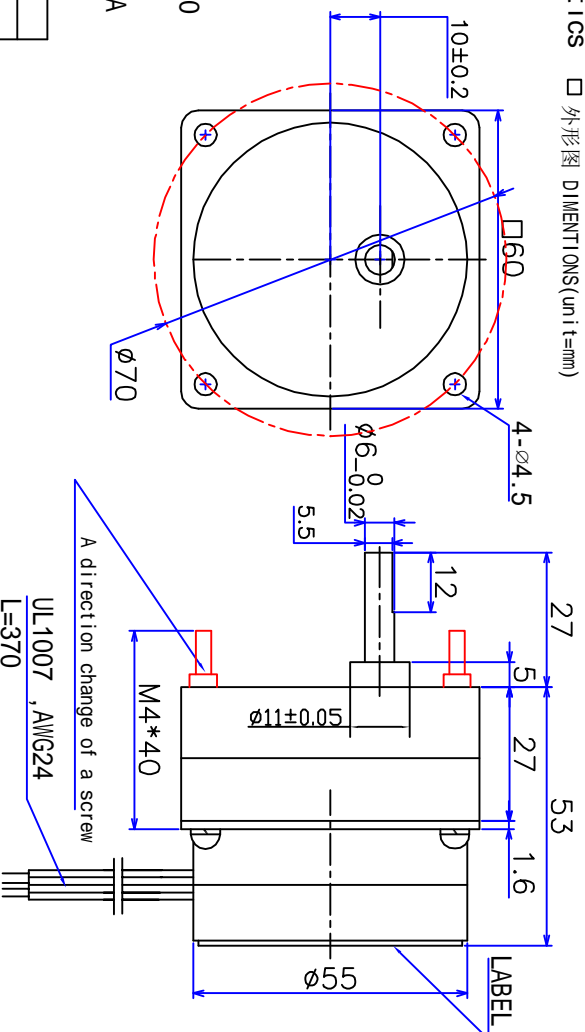
□ 接线图 COLOURS OF LEAD WIRES



dynamic torque characteristics (pull-in, calculate (no load))



□ 外形图 DIMENSIONS (unit:mm)



□ 性能参数 SPECIFICATIONS

Number of Phase	相数	2 (PM Type)
Excitation Mode	励磁方式	2-2 bipolar
Step Angle	步距角	7.5° /30
Step Per Revolution	每转步数	1440
Gear Ratio Backlash	减速比 空回	1/30.3° (Max)
Current	电流	0.5A
Dielectric Strength	介电强度	AC500V (1 min)
Insulation Res.	绝缘电阻	100MΩ (DC500V)
Insulation Class	绝缘等级	E
Res. Per Winding	相电阻	6.75Ω ±10%
Ind. Per Winding	相电感	12mH (1Vrms. 1KHZ)
Pull-in Torque	起动力矩	100N.cm (600pps)
Detent Torque	定位转矩	30N.cm Min
Gear Strength A	齿轮强度 (通常)	150N.cm (Ordinary)
Gear Strength B	齿轮强度 (破坏)	300N.cm (Destru.)
Temp Rise (Res. Method)	温升	55K (Dpps)
Mass	重量	520g
Operation Temp Range	工作环境温度	-10°C ~ +55°C
Operating Humidity	使用环境湿度	20%RH-RH85%
Ambient Temp. Range	储存温度	-30°C ~ +80°C
Pull-in Rate	起动力率	1200 pps
Pull-out Rate	运行频率	1300 pps
Shaft gap	轴向间隙	≤0.5
Life	寿命	3000h

Note

1. Tolerance: ±0.5, ±5°
2. However, it should be noted that indicates dimension where the shaft being pressed toward motor-side.
3. End Play : 0.5max.
4. This motor is ROHS compliant.

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阶段标记	重量 比例
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