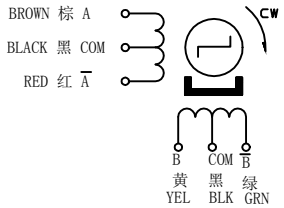
PM STEPPING MOTOR MOD.55BY48BJ10B

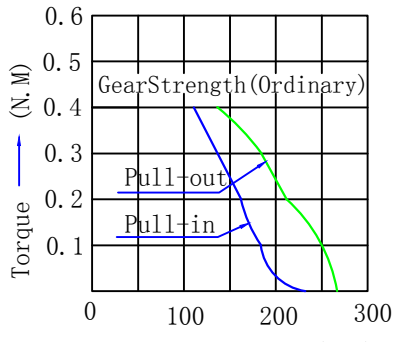
□ 接线图 COLOURS OF LEAD WIRES



Direction of rotation viewed from shaft

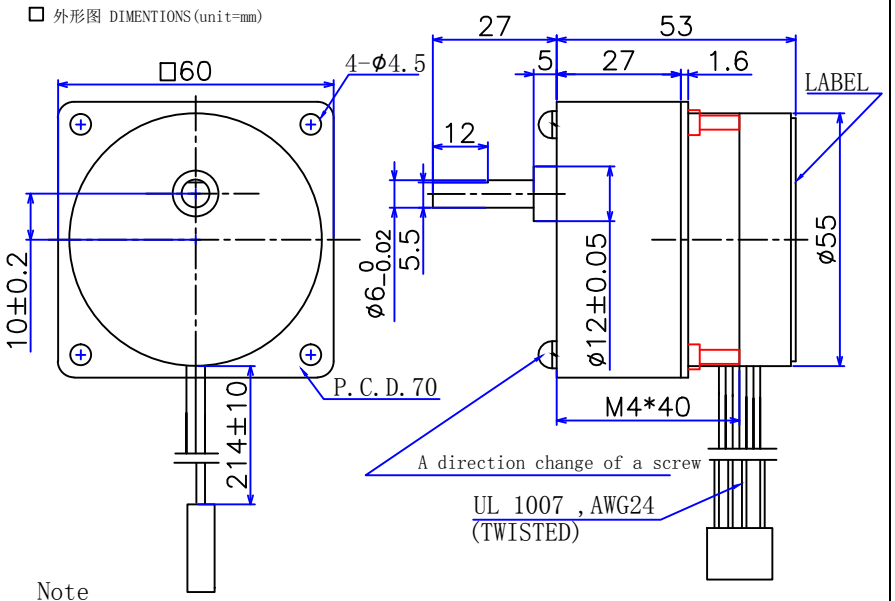
NO	I	II
1	+	+
2	−	+
3	−	−
4	+	−

dynamic torgue characteristics
(pull-in, colculate(no load))



remarks
1. No.10 to 14 are tested at the terminal voltage.(12V±2%).and the environment is normal temp(20℃±5℃).humidity range(65%±20%)
2. No.14 is a value restricted by Gear Strength(Ordinary).
3. No.14.Dynamic Torgue characs are value by using torgue meter.
4. Test D.U.is NO.4 test instrument.

□ 外形图 DIMENTIONS(unit=mm)



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. Radial Play:0.1Max.
4. This motor is ROHS compliant. "R"will appear on the end of the lot number. "ROHS"will appear on the package

□ 性能参数 SPECIFICATIONS

1	Number of Phase	2 (PM Type)	COMMENT
2	Excitation Mode	2-2	
3	Step Angle	0.75°	
4	Step Per Revolution	480	
5	Operation Temp Range	-10℃∽+50℃	
6	Dielectric Strength	AC500V (1 min)	
7	Insulation Res.	100MΩ (DC500V)	
8	Insulation Class	E	
9	Max.Operating Temp	+100℃(atthe case)	
10	Res.Per Winding	36Ω±7%	
11	Ind.Per Winding	(1Vrms.1KHz)	
12	Starting Pulse Rate	240pps (No Load)	
13	Slewing Pulse Rate	270pps (No.Load)	
14	Holding Torgue	0.4N.m(Average)	
15	Gear Strength A	0.4N.m (Ordnary)	
16	Gear Strength B	1.2N.m(Destruction)	
17	Gear Ratio Backiash	1/10.3° (Max)	
18	Temp Rise(Res.Mathod)	55K(Opps)	
19	Mass	510g	
20	Ambient Temp Range	See NO.9(Operation)	
21	Operating Humidity	RH85%(Non Dewdrop)	
22	Ambient Temp.Range	-30℃∽+80℃	

								常州宝来电器有限公司
标记	处数	分区	更改文件号	签名	年.月.日			
设计		091215	标准化		2009.5.11	阶段标记	重量	比例
								1:1
审核						共1 张		第1 张
工艺			批准					

Tel: 0519-88372126
Fax: 0519-88372780

旧底图总号

底图总号

日期 | 签名

格式(1)

制图: 描图: 幅面: 3 #