

参考图:



NOTES:

1. END PLAY 0.50mm MAX.
2. DIRECTION OF ROTATION: ANTI-CLOCKWISE WHEN VIEWING MOTOR OUTPUT END WITH POSITIVE VOLTAGE APPLIED TO POSITIVE TERMINAL.
3. FRONT EXTENSION IS MEASURED WITH SHAFT PUSHED TO PLASTIC END CAP.
4. OPERATING TEMPERATURE RANGE: -10° C---60° C
5. WEIGHT:

A	FIRST ISSUE	黄莉	06/05/06
ALT. REF.	DESCRIPTION	BY	DATE
MATERIAL	FINISH	TOLERANCES 1 DECIMALS ± 0.2 2 DECIMALS ± 0.10 3 DECIMALS ± 0.05 ANGULAR ± 2°	
TITLE		SCALE	DATE
MOTOR OUTLINE		DVN. BY 黄莉	10/03/17
三兴达MOTOR		CHK. BY	
		APP. BY	
		DWG. NID.	
		SRC-555SMP-6016-75F	



# 三兴达微型电机有限公司 贝斯特(深圳)摩打厂

## Graph drawing

No. : 100313-3/10018

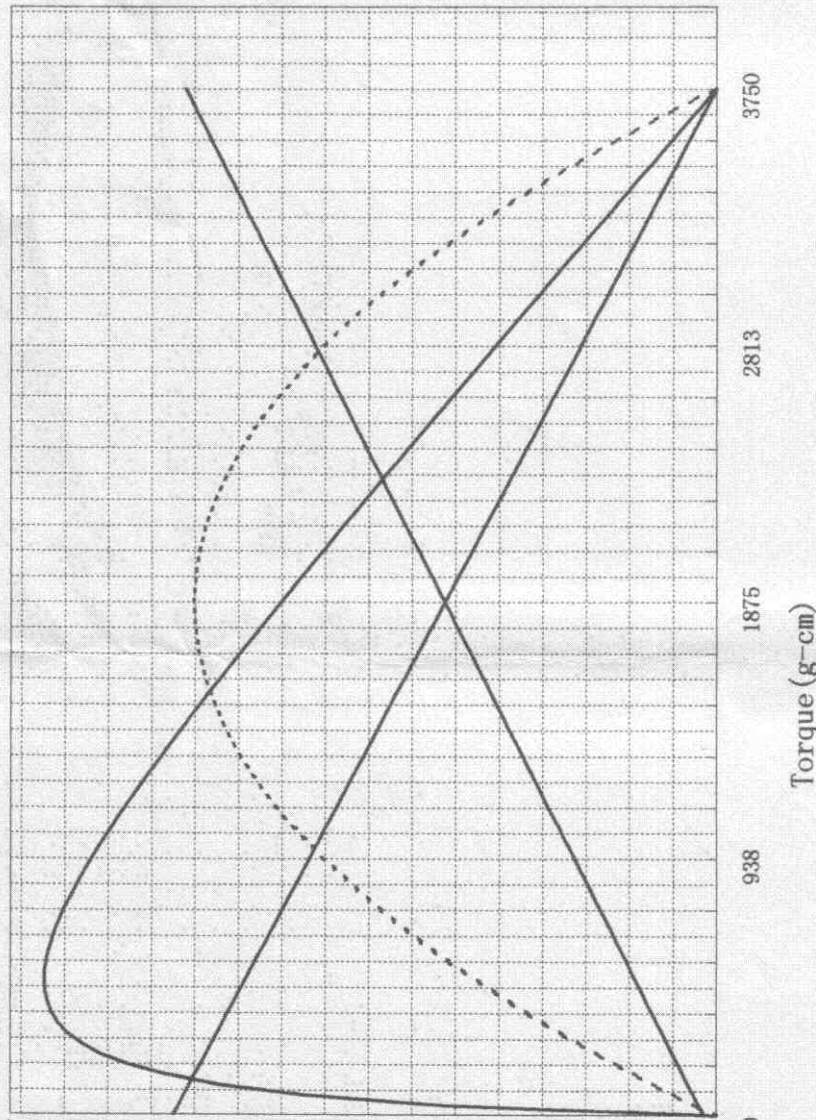
Date: 2010-3-17

Model: SRC-555SMP-6016-75F

—— Efficiency

----- Power output

r P	I	N	Eff. (%)	Power (W)	Current (A)	Speed (RPM)
75	150.0	50.0	15000	0	0	0
50	100.0	40.0	10000	0	0	0
25	50.0	20.0	5000	0	0	0



**NOTE:** Performance (in an ambient temperature of 25-30 °C)  
Motor tested rapidly to prevent significant temperature rise.

Constant voltage : **9.6** Volts

Direction: **CCW**

**At No Load**

Speed: **12500** RPM  
Current: **1.120** AMPS

**At stall (Extrapolated)**

Torque: **3750.0** gf-cm  
Current: **48.870** AMPS

**At maximum efficiency**

Efficiency: **77.3** %  
Torque: **487.5** gf-cm  
Speed: **10875** RPM

Current: **7.328** AMPS  
Output: **54.38** Watts

**At maximum Power output**

Output: **120.25** Watts  
Torque: **1875.0** gf-cm  
Speed: **6250** RPM  
Current: **24.995** AMPS

Issued by QA Reliability Testing Center

COMPUTER PRINT-OUT  
NOMINAL MOTOR CURVES

Performance and characteristics are measured based on limited motor samples only

(NOTE: 1mN-m = 10.2g-cm)



# 三兴达微型电机有限公司

深圳市宝安区三兴达摩打厂

## 样品承认书

客户名称: 万宝刚

产品名称: \_\_\_\_\_

电机型号: SRC-555SMP-6016-75F

样品编号: 100313-3/10018

客户编号: \_\_\_\_\_

备 注: \_\_\_\_\_

本司签章:

日期: 2010年3月17日

检查 TESTED BY	核对 CHECKED BY	承认 APPROVED BY
 17/3-10.		 17/3-10

客户承认签章:

检查 TESTED BY	核对 CHECKED BY	承认 APPROVED BY

**SRC-555SMP-6016-75F 抽样计划**

一般检验之水平 II 单次抽验允收标准 (AQL)

严重缺陷 (CRITICAL) =0

主要缺陷 (MAJOR) =1.0

次要缺陷 (MINOR) =4.0

**成品检验规范**

类别	序号	检验内容	检验方法	判定		
				CR	MA	MI
材质要求	1	零件材质不符合要求者		*		
测试环境	1	温度: 20°C ± 4°C	温度计			
	2	湿度: 65% ± 5%	湿度计			
安全要求	1	耐压: 500VAC 0.5mA 1S	耐压计	*		
马达空载运行3分钟后,测试性能	1	正常使用电压: 9.6 VDC	电压表	*		
	2	空载转速: 12500 ± 10% rpm	转速表		*	
	3	空载电流: 1.38A Max	电流表		*	
	4	负载转速: 11600 ± 10% rpm	转速表		*	
	5	负载电流: 5.72A Max	电流表		*	
	6	负载: 60 × 25 mm 本厂模拟风叶	卡尺		*	
	7	噪音: ≤ 68 dBA (距马达30cm测试)	分贝仪			*
	8	振动: 无明显抖动、晃动	手感		*	
	9	火花等级: 1 1/4	目测		*	
	10	旋转方向: CCW (马达出力轴向身)	手感		*	
外观尺寸要求	1	外形及安装尺寸需符合图纸要求(见附图)	治具		*	
	2	轴弯: ≤ 0.01mm	治具			*
	3	螺孔: M3.0 × 0.45	治具		*	
	4	轴伸尺寸: 13.5 ± 0.5mm	卡尺			*
	5	虚位: 0.05 ~ 0.50mm	治具			*
	6	标签纸: 依客户要求	目测			*
包装要求	1	包装: 放置、整齐、平稳、外箱包装完好	目测			*
	2	箱唛: 依客户要求	目测			*