

三兴达微型电机有限公司

贝斯特(深圳)摩打厂

样品承认书

客户名称: 万宝刚

产品名称: _____

电机型号: SRC-545SAP-2490-70

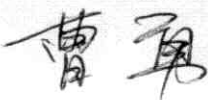

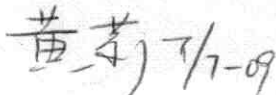
样品编号: 090707-4 / 80264

客户编号: _____

备注: _____

本司签章:

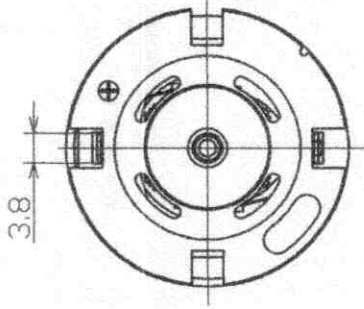
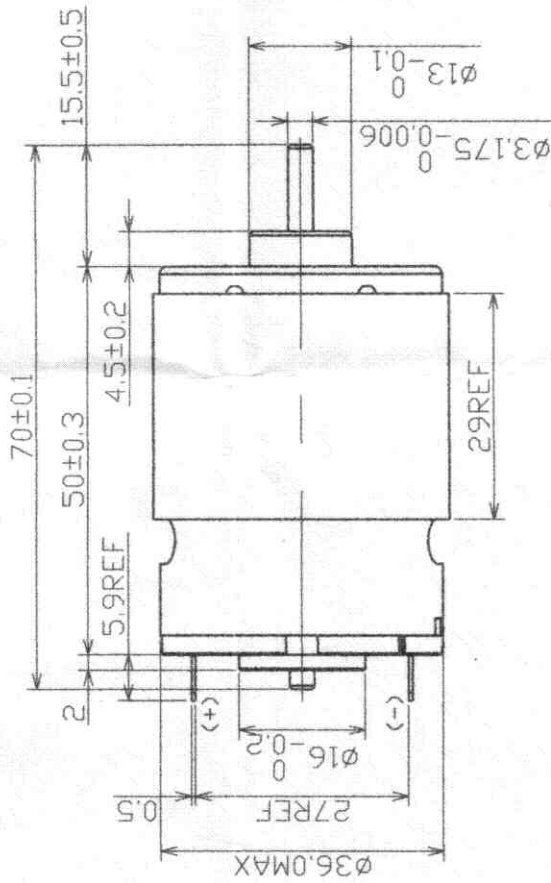
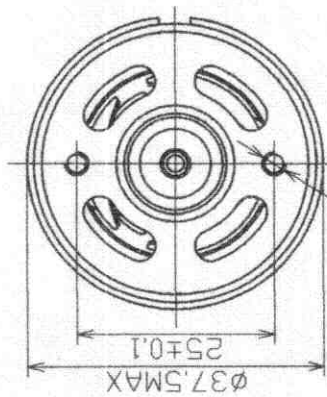
日期: 2009年7月7日

检查 TESTED BY	核对 CHECKED BY	承认 APPROVED BY
		 7/7-09

客户承认签章:

检查 TESTED BY	核对 CHECKED BY	承认 APPROVED BY

DIRECTION OF ROTATION



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	06/11/11
ALT. REF.	DESCRIPTION	BY	DATE
MATERIAL	FINISH	TOLERANCES 1 DECIMALS ± 0.2 2 DECIMALS ± 0.10 3 DECIMALS ± 0.05 ANGULAR $\pm 2^{\circ}$	
TITLE		SCALE	DATE
MOTOR OUTLINE		DWN. BY 黄莉	09/07/07
		CHK. BY	
		APP. BY	
		DWG. NO.	
三兴达MOTOR		SRC-545SAP-2490-70	



三兴达微型电机有限公司 贝斯特(深圳)摩打厂

Graph drawing

No. : 090707-4

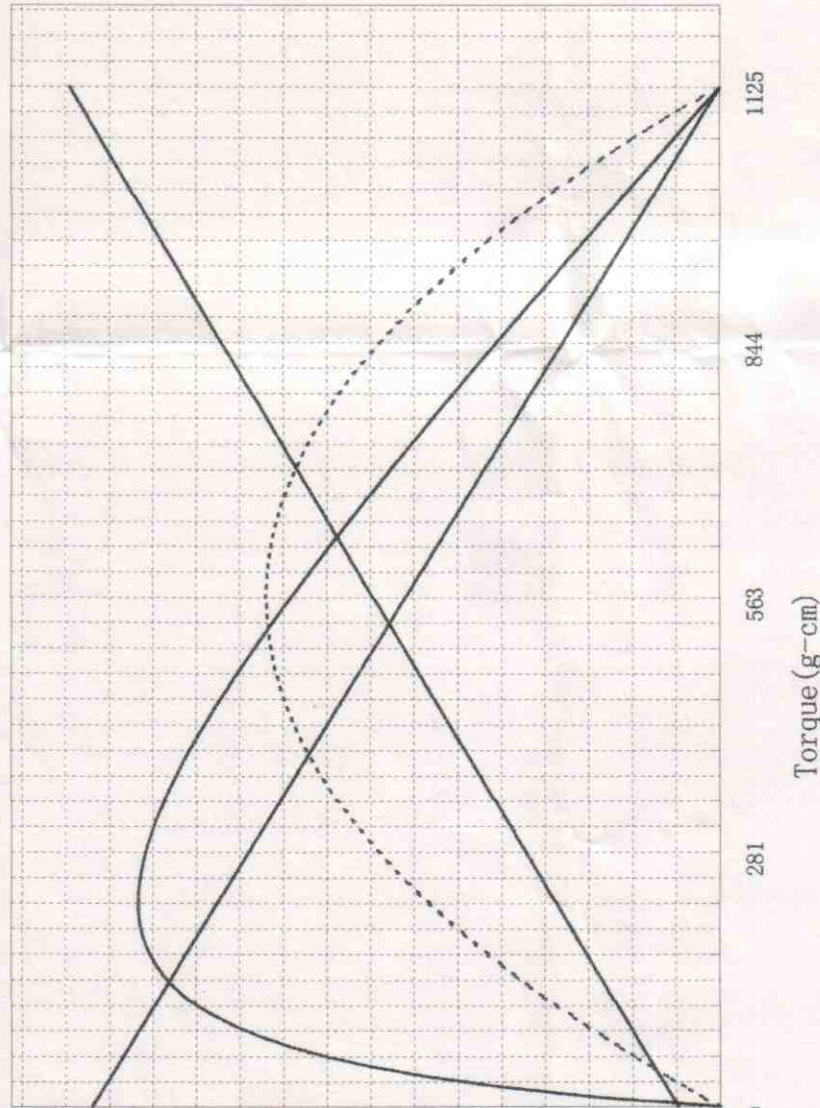
Model: SRC-545SAP-2490-70

Date: 2009-7-7

— Efficiency

----- Power output

η	P	I	N
75	15.0	3.3	3750
50	10.0	2.2	2500
25	5.0	1.1	1250
0	0	0	0



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

Constant voltage : 12.0 Volts

Direction: CCW

At No Load

Speed: 3600 RPM

Current: 0.21 AMPS

At stall (Extrapolated)

Torque: 1125.0 gf-cm

Current: 3.32 AMPS

At maximum efficiency

Efficiency: 66.7 %

Torque: 225.0 gf-cm

Speed: 2880 RPM

Current: 0.83 AMPS

Output: 6.65 Watts

At maximum Power output

Output: 10.39 Watts

Torque: 562.5 gf-cm

Speed: 1800 RPM

Current: 1.76 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)

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: 600VAC 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: 12.0 VDC	电压表	*		
	2	空载转速: 3600 ± 12% rpm	转速表		*	
	3	空载电流: 0.24 A Max	电流表		*	
	4	负载转速: 2780 ± 10% rpm	转速表		*	
	5	负载电流: 1.25A Max	电流表		*	
	6	负载: 120 × 30 mm (本厂模拟风叶)	卡尺		*	
	7	噪音: ≤ 55dBA (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 × 0.5	治具		*	
	4	轴伸尺寸: 15.5 ± 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			*