



承 认 书

SPECIFICATION FOR APPROVAL

客 户 :
CUSTOMER :
品 名 : 8017 鼓风机 (侧吹扇)
PART NAME : DC BRUSHLESS BLOWER FAN
产品编号 : BF08017H12PF (FG+PWM)
PART NO. :
客户编号 :
USER NO. :

客 户 确 认 CUSTOMER APPROVAL

| 批准 (APPROVAL BY) | 检 查 (CHECK BY) | 日 期 (DATE) |
|------------------|----------------|------------|
| | | |

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DC BRUSHLESS FAN SPECIFICATION (产品规格书)

1. SCOPE (范围)

This specification to model NO: (产品机型) BS8017H05PF

2. STANDARD ENVIRONMENTAL CONDITIONS (通用环境)

Temperature 25°C and relative humidity 60% shall be standard if no doubt Arises in the judgement, however, it is permitted that tests are conducted in The environment of temperature 5-35°C , relative humidity 45-85% (推荐温度 25°C, 相对湿度 60% 下使用, 但在温度 5-35°C 相对湿度 45-85% 的条件下, 产品能正常工作)

3. STRUCTURE AND FORM (产品结构)

| | | |
|-----|------------------------|--------------------------------|
| 3-1 | Structure (结构) | Blower motor fan (鼓风机) |
| 3-2 | Housing /Blade (框架/扇叶) | BLACK PBT (94V-0) |
| 3-3 | Bearing (轴承结构) | Sleeve Bearing |
| 3-4 | Lead (线材) | 2510/4P/4 线/黑红黄蓝 1007 框外 300MM |

4. RATED AND OPERATING CONDITLONS (额定条件)

| | | |
|-----|-----------------------------------|--------------|
| 4-1 | Rated voltage (额定电压) (VDC) | 12.0 |
| 4-2 | Rated current (额定电流) (A) | 0.23 |
| 4-3 | Startup voltage (启动电压) (VDC) | 6 |
| 4-4 | Rated input power (输入功率) (W) | 2.76 |
| 4-5 | Operating voltage (电压范围) (VDC) | 10.8-13.2 |
| 4-6 | Operating temperature (工作温度) (°C) | -10°C--+70°C |
| 4-7 | Storage temperature (收藏温度) (°C) | -40°C--+80 |
| 4-8 | Speed (转速) (RPM) | 3600±10% |

5. AIR FLOW-AIR PRESSURE CHARACTERISTIC (风量-风压特性)

Applicable conditions: Shall be applied in the state when the standard, environmental conditions and voltage are fixed. (注意事项: 不变化环境及工作电压)

| ITEM (测试项目) | CONDITIONS (测试条件) | STANDARD (测试标准) |
|----------------|--|----------------------------|
| 5-1 | Max. air flow | Air pressure=0 13.25CFM |
| 5-2 | Max. air pressure | Air flow=0 12.14mmH2O |
| 5-3 | Air flow. air Pressure characteristics | AS performance Curves |

6. PERFORMANCE (性能指标)

Applicable conditions: shall be applied under the standard environmental conditions and rated conditions

(测试条件: 标准环境条件及额定条件下)

| Item (测试项目) | | Conditions (测试条件) | Standard (测试标准) |
|-------------|---------------------------------------|--|------------------------------|
| 6-1 | Noise 噪音 | Shall be measure in around isolated room of Background noise 20DB or Less, in a distance of 1m from intake direction | 34.00dBa@1.0M |
| 6-2 | Insulation Resistance 绝缘阻抗 | When test voltage of DC 250v is impressed between terminal (+) and housing | Min 10 megohm |
| 6-3 | Dielectrice Withstand Voltage 绝缘强度 | When voltage of AC 500v is Impressed between terminal (+) and housing | Shall be free of Abnormality |

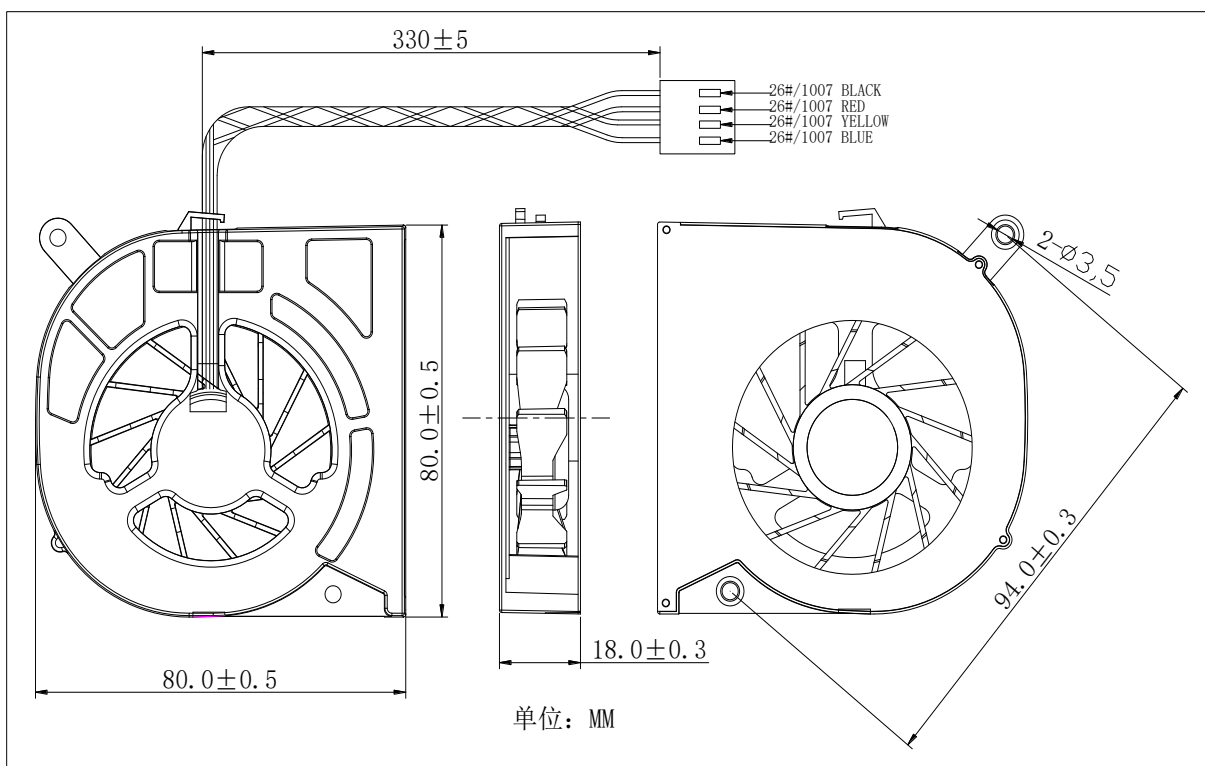
7. SPECIAL TEST (专用试验)

| | | | |
|-----|---------------------------|--|---|
| 7-1 | Vibration Resistance 振动试验 | 5-3hz, 0.04mm peak to peak amplitude, 30-500hz, 2g peak amplitude, for minutes to all three axis | It shall be satisfy the Specified performance standards |
| 7-2 | Shock Resistance 冲击试验 | 60g 11 millisecond (1/2sine), two time to all three axis | It shall be satisfy the Specified performance Standards |
| 7-3 | Durability 寿命试验 | Expected life endurance time until the revolution drops by 30% from the initial value When continuously run under standard environmental conditions and rated conditions | 40000hours up (at 25°C/ relative humidity 45-85%) |
| 7-4 | Rotor Resistance 堵转试验 | The rotor drive shall be Restricted for 72hours in the state where condition is made in the range of operating temperature and operating voltage range | It shall be have no damage |

8. OTHERS (其它)

| | | |
|-----|-----------------------|---|
| 8-1 | Rotaing direction | Marked on housing outside surface |
| 8-2 | Air flowing direction | Marked on housing outside surface |
| 8-3 | Appearance | Shall be free of flaw and contamination Which cause excessive drop in the commercial value |
| 8-4 | Mounting hole | 2 places |
| 8-5 | Lot marking | Date code label shall be applied on the outside surface |

9. 外观尺寸图:

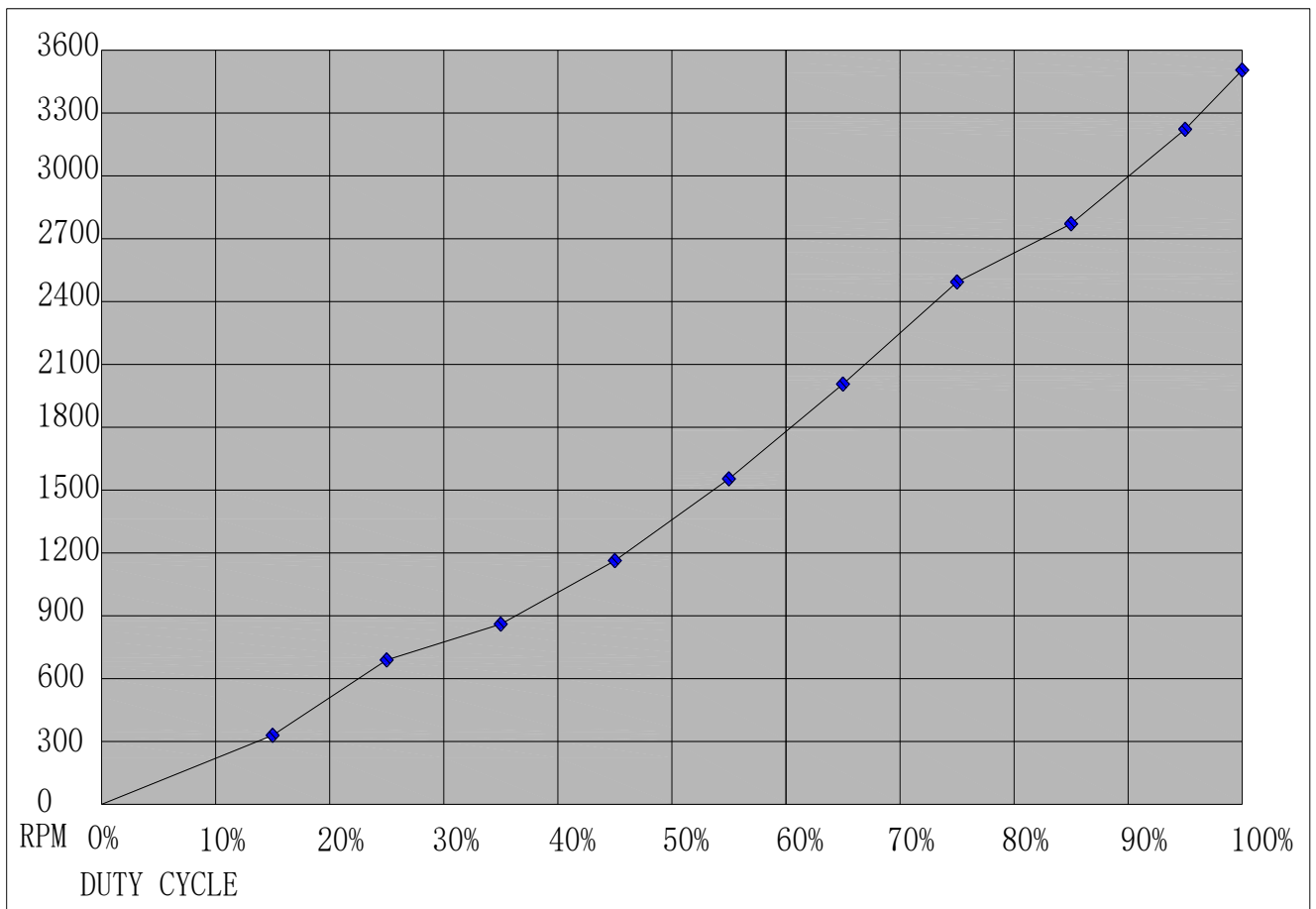


| APPROVAL/批准 | CHECK/检查 | PREPARE/制作 | DATE/日期 |
|-------------|----------|------------|---------|
| | | | |

BF8017H12FP(PWM 数据)

| DUTY CYCLE | Speed(Rpm) | Range(Rage) | Current(Amp) |
|------------|------------|-------------|--------------|
| 0% | 0 | 0 | 0 |
| 15% | 325 | ±200 | 0.03 |
| 25% | 523 | ±200 | 0.03 |
| 35% | 871 | ±200 | 0.04 |
| 45% | 1153 | ±10% | 0.06 |
| 50% | 1525 | ±10% | 0.07 |
| 55% | 1995 | ±10% | 0.08 |
| 65% | 2482 | ±10% | 0.13 |
| 75% | 2870 | ±10% | 0.17 |
| 85% | 3225 | ±10% | 0.21 |
| 100% | 3565 | ±10% | 0.23 |

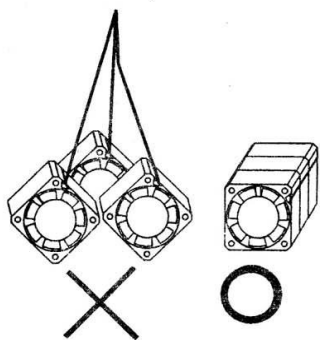
曲线图



風扇使用注意事項

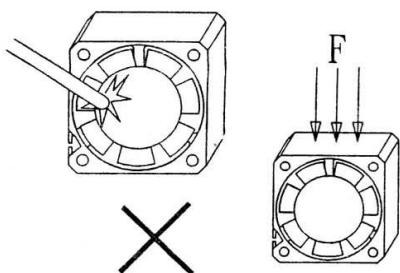


HOW TO HANDLE FAN PROPERLY?



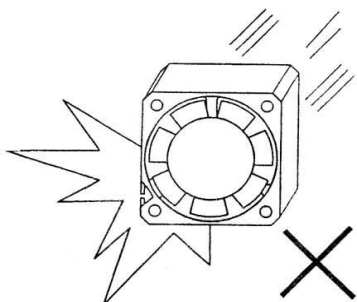
1. 取用風扇, 輕取外框兩側, 不可拉扯導線.

1. Hold the fan by frame side.
Do not hold lead wires to support the fan.



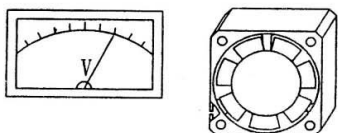
2. 取用風扇, 不可碰觸或擠壓扇葉與外框.

2. No touching or pressing on the impeller hub.
Avoid crushing the frame side.



3. 風扇嚴禁掉落地面, 或敲擊外框任何面.

3. Do not drop on the ground.
Do not pound on the frame side.



4. 風扇電源需依照規格電壓安裝使用.

4. Connect leads properly and apply voltage according to specification.