



东莞市润达散热风扇有限公司  
Dongguan RUNDA Cooling Fan Co.,Ltd.

## 样品承认书(Specification)

客户名称(Customer) : \_\_\_\_\_

品 名(Part Name): AC Brushless Fan

规格型号(Model No.): AC12038B220H

样品数量(Quantity) : \_\_\_\_\_

日 期(Date) : 2024-12-12

|                             |  |
|-----------------------------|--|
| 客户承认签章<br>CUSTOMER APPROVED |  |
|                             |  |

SUPPLIER: Dongguan RUNDA Cooling Fan Co.,Ltd.

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|          |  |         |  |          |  |
|----------|--|---------|--|----------|--|
| APPROVED |  | CHECKED |  | PREPARED |  |
|----------|--|---------|--|----------|--|

RD-QR-JS04A/0

## 1.General Specification

| 项目 Item                        | 描述 Description                  | 测试条件 Condition                                                                       |
|--------------------------------|---------------------------------|--------------------------------------------------------------------------------------|
| 1-1. 外形尺寸 Dimension            | 120x120x38mm                    |                                                                                      |
| 1-2. 轴承 Bearing Type           | Two Ball Bearing                |                                                                                      |
| 1-3. 额定电压 Rated Voltage        | AC 220V/230V                    |                                                                                      |
| 1-4. 操作频率 Operating Frequency  | 50/60Hz                         |                                                                                      |
| 1-5. 操作电压 Operating Voltage    | AC 160V~240V                    |                                                                                      |
| 1-6. 启动电压 Start-up Voltage     | AC 160V                         |                                                                                      |
| 1-7. 额定电流 Rated Current        | 0.13A/0.12A                     | At Rated Voltage:<br>A.25℃<br>B.65%RH<br>C.Measured after 5minutes                   |
| 1-8. 额定功率 Rated Power          | 21W/20W                         |                                                                                      |
| 1-9. 额定转速 Rated Speed          | 2600/3000rpm±10%                |                                                                                      |
| 1-10. 最大风量 Max. Air Flow       | 87/110CFM                       | A.PQ Measurement Apparatus<br>B.Standard: AMCA<br>C.Rated Voltage<br>D.Rated Current |
| 1-11. 最大静压 Max.Static Pressure | 0.30/0.50inch-H <sub>2</sub> O  |                                                                                      |
| 1-12. 噪音 Noise level           | 40.0/45.0dBA                    | A.Rated Voltage<br>B.Mute Room<br>C.Distance:1M<br>D.Background Noise: <18dB         |
| 1-13. 寿命预估 Life Expectance     | 50,000hrs at 40℃                |                                                                                      |
| 1-14. 旋转方向 Rating Direction    | Clock Wise(from the label side) |                                                                                      |
| 1-15. 重量 Weight                | 500g                            |                                                                                      |

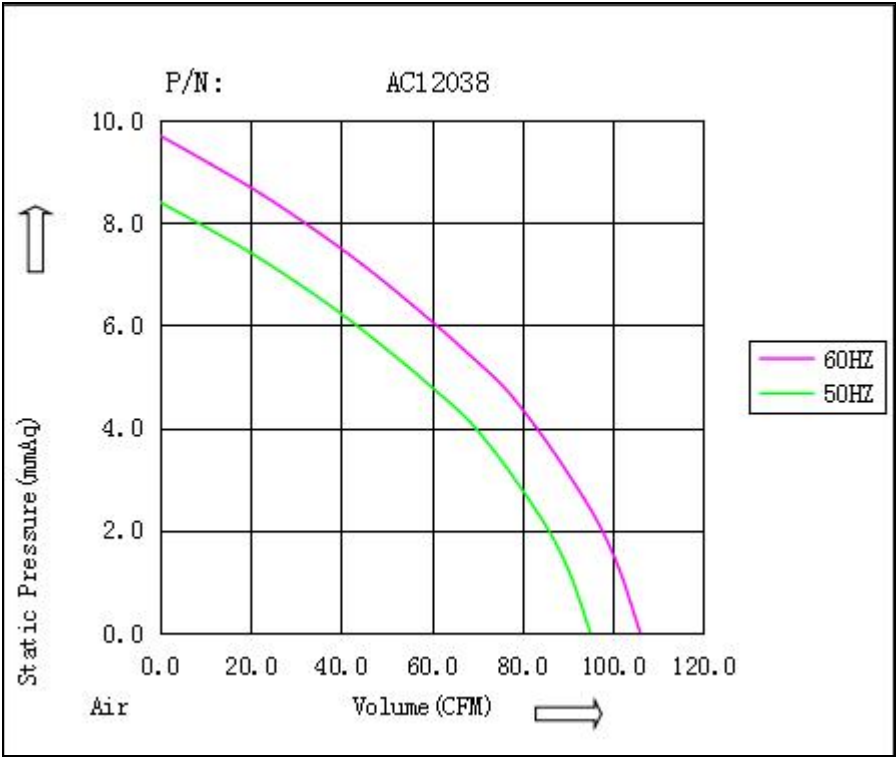
## 2.Specification of Main Material

|                    |                                        |
|--------------------|----------------------------------------|
| 2-1.外框材质 Frame     | Aluminum Black Painted                 |
| 2-2.扇叶材质 Propeller | PBT UL94V-0                            |
| 2-3.导线 Lead wires  | Black, UL1007#22AWG, L=260±5mm, 2wires |

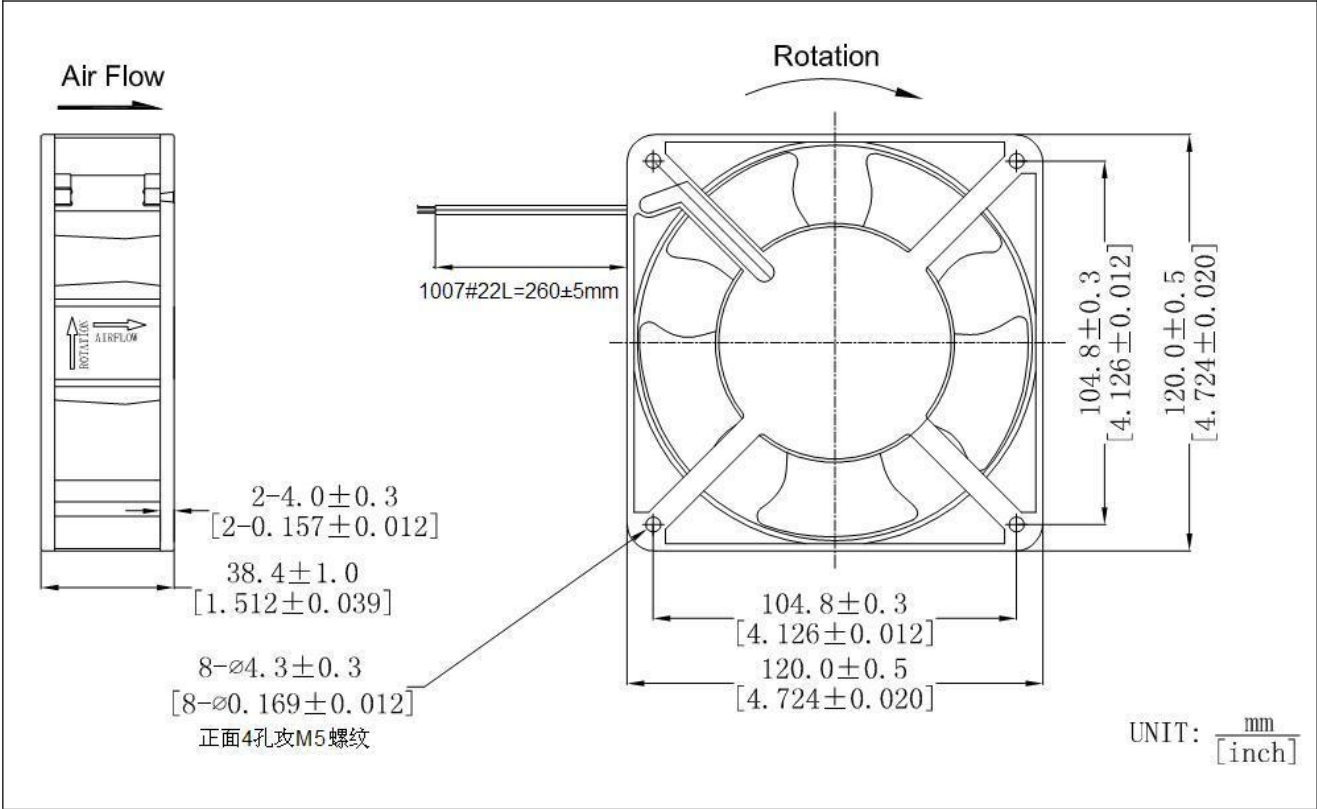
## 3.Environmental Specification

| 项目 Item                                         | 条件 Condition          |
|-------------------------------------------------|-----------------------|
| 3-1.运转温度，湿度范围<br>Operating Temp. Humidity Range | Temperature: -10~+70℃ |
|                                                 | Humidity :15%~90%RH   |
| 3-2.保存温度，湿度范围<br>Storage Temp. Range            | Temperature: -20~+85℃ |
|                                                 | Humidity :15%~90%RH   |

4.PQ Curve:



5.Drawing:



**6.Note:**

6-1. We will not guarantee the products if the application of our products are exceeded the limitation which is specified on this specification.

6-2. In case of changes of the specification specified on this document. A written notice is requested in advance.

6-3. Please do not touch the impeller with the pressure and never bring the fan with lead wire. The bearing and lead wire may be damaged.

6-4. No guarantee on the products against the safety problem or failure caused by powder dust, drop of water or insect.

6-5. If there is any data or related documentation different from this data sheet. This data sheet is the principle reference.

6-6. Please do not use the fan in the environment of corrosive gas or liquid or any detrimental gas.

6-7. Please do not store the fan in the environment of high/low temperature, high humidity or detrimental gas. Please store within six months, every six months, shall be a leakage of electric current to the fan, even though the fan is stored in room.

6-8. During the installation of the fan, please pay substantial attention to possible noise caused by resonance vibration and shock.

6-9. It is very important to notify that avoid to drop from 60cm height when in any movement or operation, it will impact the balance of blade. Especially ball bearing structure is avoided to drop down.

6-10. The torque of the screw which locked the frame should not exceed 4 Kgf.

6-11. It's very dangerous, please don't touch the blade when the fan at full speed running, be careful you're finger!

6-12. Please do not touch the impeller with the pressure when the fan is running.