

220V AC Cooling Fan 120x120x32mm

This 220V AC cooling fan provides efficient cooling for electronic components and industrial equipment. With dimensions of 120x120x32mm, it ensures optimal heat dissipation.



ADDITIONAL IMAGES



Overview



Industrial Grade 220V AC Cooling Solution

This 120x120x32mm AC cooling fan is engineered for high-performance thermal management in industrial environments, such as compressors and power supplies. Featuring a robust die-cast aluminum housing and glass fiber reinforced impellers, it ensures reliable operation and efficient heat dissipation. With options for both ball and sleeve bearings, this fan provides a versatile solution for maintaining stable operating temperatures in critical machinery.

Technical Specifications

Performance Metrics

220 V

Input Voltage

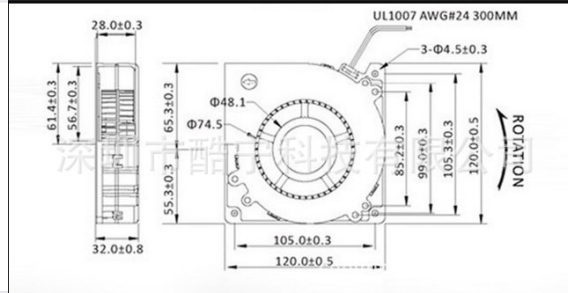
500 M \odot

Insulation Impedance

2200 V/S

Resist Strength

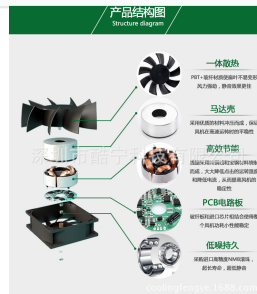
Physical Dimensions



Detailed Measurements

Dimension	Value
Frame Size	120.0 ± 0.5mm x 120.0 ± 0.5mm
Thickness	32.0 ± 0.8mm
Mounting Hole Diameter	4.5 ± 0.3mm
Inner Diameter	48.1mm
Outer Diameter	74.5mm
Lead Wire Length	300mm

Construction & Materials



Internal Components

- High-temperature pure copper line
- Baosteel material coil winding
- Fiberglass PCB with integrated chips
- PBT+Fiberglass fan blades

Housing

Die-cast aluminum

Impeller

Glass fiber reinforced plastic (UL 94V-0 rating)

Bearing Options

两种选择 含油轴承和滚珠轴承

双滚珠轴承 (SH4, 8 系列), 采用滚动摩擦形式, 采用了两个滚珠轴承, 轴承与轴套之间有物理接触, 所以噪音低, 且无摩擦损耗, 使用寿命长, 且密封性能良好, 适合长时间连续运行。



含油轴承 (SH4.5 系列) 采用浸油润滑原理, 在轴承中预先注入润滑油, 润滑效果好, 但长期使用会导致润滑油逐渐挥发, 需要定期添加润滑油, 且密封性能较差, 使用寿命较短。

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Available Bearing Systems

Type	Characteristics	Warranty
Ball Bearing	Long life, high speed, rolling friction, no oil leakage	2 Years
Sleeve (Oil) Bearing	Low noise, sliding friction, cost-effective	1 Year

Installation & Connectivity

Plug Type (插头类型)



Wiring Standards

UL1007 • UL1061 • UL1571 • AWG#24

Connection Types

Leader Wire, Terminal, XH 2.5, EH 2.0, 2510 (2.54), SM Connector

Safety & Usage

Operational Guidelines

- Do not use in environments exceeding 80°C
- Avoid dust, water droplets, and insect ingress
- Do not pull power cords or apply pressure to blades
- Ensure screw torque does not exceed 4Kgf during installation
- Avoid locking the fan while in operation to prevent burn-out