

FEATURES

- Black construction
- Compact and robust fan design
- Excellent and consistent air flow
- Motor Polarity Protection

RS PRO, 48 V dc, DC Axial Fan, 80 x 80 x 38mm, 168.2m³/h, 14W

RS Stock No.: 703-3442



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

Brought to you by RS PRO, this wide range of DC Vane axial fans ensures excellent cooling purposes in high pressure and high static environments. With their robust design and a motor incorporating polarity protection, the benefits of each axial fan speak for themselves for proficient cooling and ventilation purposes. All models are highly reliable and excellent quality

General Specifications

| | |
|---------------------------|--|
| Air Flow | 99CFM |
| Fan Speed | 6300rpm |
| Static Pressure | 0.81in/H2O |
| Noise Level | 57dB |
| Direction of Curve | Forward |
| Frame | PBT UL94V-0 Plastic |
| Impeller | PBT UL94V-0 Plastic |
| Alarm Function | Yes |
| Special Features | Dual Ball Bearing, Tachometer |
| IP Rating | IP44 |
| Applications | Server racks, Electrical cabinets and enclosures; Production Lines, Ceiling fan/ventilation Desktop computers, Motor engines (radiator in a car), Generators, Air compressors |

Electrical Specifications

| | |
|------------------------------|---|
| Motor | Brushless DC, Auto Restart, Polarity Protected |
| Phase | 1; 3 |
| AC or DC Operation | DC |
| Power Consumption | 14W |
| Supply Voltage | 48VDC |
| Maximum Current | 300mA |
| Dielectric Strength | 1 min. at 500VAC/1 second, max leakage 500 micro amp. |
| Insulation Resistance | Min. 10M ohm at 500VDC |

Mechanical Specifications

| | |
|------------------------|----------------------------|
| Dimensions | 80mm x 80mm x38mm |
| Height | 80mm |
| Width | 80mm |
| Depth | 38mm |
| Bearing Type | Ball |
| Life Expectancy | 50,000 hours (L10 at 40°C) |

Operation Environment Specifications

| | |
|------------------------------|---------------|
| Operating Temperature | -10°C to 70°C |
| Storage Temperature | -40°C to 80°C |

Approvals

| | |
|----------------------------------|---------------------------|
| Compliance/Certifications | UL, cUL, TUV, CE, UL94-V0 |
|----------------------------------|---------------------------|

Axial Fans



Dimensions: (mm)

