## FEATURES

- Auto-restart
- Smooth and high-efficiency airflow
- Brushless DC
- Polarity protected

# RS PRO, 24 V dc, DC Axial Fan, 120 x 120 x 25mm, 124m³/h, 4W

RS Stock No.: 541-5378

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 high-performance ball bearing axial fan offers a cost-effective cooling solution without sacrificing on quality or reliability. With a robust plastic frame and impeller, the fan is perfect for lightweight applications where ventilation and cooling are required. The fan has a brushless DC motor which reduces the chance of overheating while delivering a high-speed high-pressure output.

## General Specifications

| | |
|---|---|
| **Air Flow** | 73CFM |
| **Fan Speed** | 1950rpm |
| **Static Pressure** | 0.13in/H2O |
| **Noise Level** | 33dB |
| **Direction of Curve** | Forward |
| **Frame** | PBT UL94V-0 Plastic |
| **Impeller** | PBT UL94V-0 Plastic |
| **Alarm Function** | No |
| **Special Features** | Dual Ball Bearing |
| **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 Cut off, Auto Restart, IC protected, Polarity Protected |
| **AC or DC Operation** | DC |
| **Power Consumption** | 4W |
| **Supply Voltage** | 24VDC |
| **Rated Voltage** | 24VDC |
| **Maximum Current** | 140mA |
| **Dielectric Strength** | 500VAC/min < 1mA |
| **Insulation Resistance** | 10M ohm between lead wire and frame (500VDC) |

## Mechanical Specifications

| | |
|---|---|
| **Dimensions** | 120mm x120mm x38mm |
| **Height** | 120mm |
| **Width** | 120mm |
| **Depth** | 38mm |
| **Bearing Type** | Ball |
| **Weight** | 0.327Kg (0.72bs) |
| **Life Expectancy** | 65,000 hours (L10 at 45°C) |

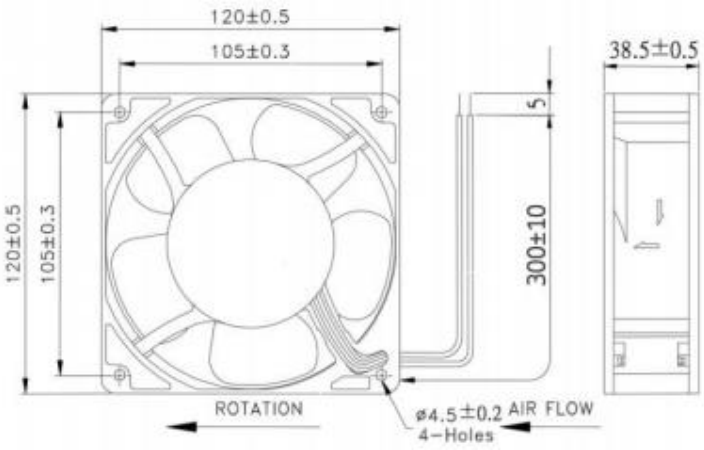
## Operation Environment Specifications

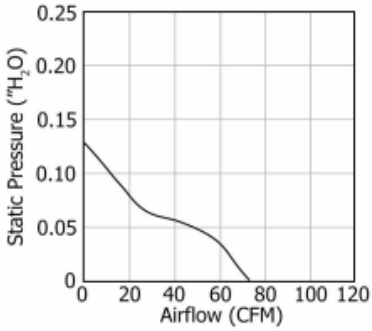
| | |
|---|---|
| **Operating Temperature** | -10°C to 70°C |
| **Storage Temperature** | -40°C to 80°C |

## Approvals

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

# Axial Fans


120±0.5
105±0.3
38.5±0.5
5
300±10
120±0.5
105±0.3
ROTATION
ø4.5±0.2
4-Holes
AIR FLOW


0.25
0.20
0.15
0.10
0.05
0
Static Pressure ("H2O)
0
20
40
60
80
100
120
Airflow (CFM)