

## FEATURES

- Low noise levels
- PBT Thermoplastic casing
- Square orientation
- Can be mounted in a horizontal and vertical position

## RS PRO, 12 V dc, DC Axial Fan, 120 x 120 x 25mm, 122.3m<sup>3</sup>/h, 3W

RS Stock No.: 541-5097



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, a range of AC dual ball bearing axial fans offering a cost-effective cooling solution without sacrificing on quality or reliability. Provided are a robust die-cast aluminium frame and an AC shaded pole impedance protected motor, these fans are ideal for a multitude of applications.

## General Specifications

<b>Air Flow</b>	72CFM
<b>Fan Speed</b>	1800rpm
<b>Static Pressure</b>	0.10in/H2O
<b>Noise Level</b>	34dB
<b>Direction of Curve</b>	Backwards
<b>Frame</b>	PBT UL94V-0 Plastic
<b>Impeller</b>	PBT UL94V-0 Plastic
<b>Alarm Function</b>	No
<b>Applications</b>	Server racks, Electrical cabinets and enclosures; Production Lines, Ceiling fan/ventilation Desktop computers, Motor engines (radiator in a car), Generators, Air compressors

### Electrical Specifications

<b>Motor</b>	Brushless DC, Auto Cut off, Auto Restart, Polarity Protected
<b>AC or DC Operation</b>	DC
<b>Power Consumption</b>	3W
<b>Supply Voltage</b>	12VDC
<b>Rated Voltage</b>	12VDC
<b>Maximum Current</b>	240mA
<b>Dielectric Strength</b>	500VAC/min < 1mA
<b>Insulation Resistance</b>	10M ohm between lead wire and frame (500VDC)

### Mechanical Specifications

<b>Dimensions</b>	120mm x120mm x25mm
<b>Height</b>	120mm
<b>Width</b>	120mm
<b>Depth</b>	25mm
<b>Bearing Type</b>	Ball
<b>Weight</b>	0.159Kg (0.35lbs)
<b>Life Expectancy</b>	65,000 hours (L10 at 45°C)

### Operation Environment Specifications

<b>Operating Temperature</b>	-10°C to 70°C
<b>Storage Temperature</b>	-40°C to 80°C

### Approvals

<b>Compliance/Certifications</b>	UL, cUL, TUV, CE, UL94-V0
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