

## FEATURES

- Motor Polarity Protection
- Dual ball bearing internals
- Compact and robust fan design
- Die cast aluminium frame (Black)
- Excellent and consistent air flow

## RS PRO, 24 V dc, DC Axial Fan, 40 x 40 x 20mm, 11.9m<sup>3</sup>/h, 1.4W

RS Stock No.: 541-5148



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 brushless axial fans provide excellent cooling purposes. 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

<b>Air Flow</b>	7CFM
<b>Fan Speed</b>	6200rpm
<b>Static Pressure</b>	0.19in/H2O
<b>Noise Level</b>	30dB
<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>	1.4W
<b>Supply Voltage</b>	24VDC
<b>Rated Voltage</b>	24VDC
<b>Maximum Current</b>	60mA
<b>Dielectric Strength</b>	500VAC/min < 1mA
<b>Insulation Resistance</b>	10M ohm between lead wire and frame (500VDC)

### Mechanical Specifications

<b>Dimensions</b>	40mm x40mm x20mm
<b>Height</b>	40mm
<b>Width</b>	40mm
<b>Depth</b>	20mm
<b>Bearing Type</b>	Ball
<b>Weight</b>	0.027Kg (0.06lbs)
<b>Life Expectancy</b>	60,000 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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