

## FEATURES

- Black construction
- Sealed sleeve technology retains bearing lubricant
- Long life expectancy (more than 50,000 hours)

## RS PRO, 24 V dc, DC Axial Fan, 80 x 80 x 25mm, 68m<sup>3</sup>/h, 2.4W

RS Stock No.: 668-8833



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

From RS Pro, DC sealed sleeve axial fans provide a general purpose, compact and reliable solution to a variety of applications. The sealed sleeve technology provides a cost-effective alternative to ball bearing fans, with a longer life expectancy than standard sleeve bearing fans. All models are highly reliable and excellent quality.

## General Specifications

<b>Air Flow</b>	40CFM
<b>Fan Speed</b>	3100rpm
<b>Static Pressure</b>	0.16in/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>IP Rating</b>	IP44
<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>	2.4W
<b>Supply Voltage</b>	24VDC
<b>Rated Voltage</b>	24VDC
<b>Maximum Current</b>	160mA
<b>Dielectric Strength</b>	500VAC/min < 1mA
<b>Insulation Resistance</b>	10M ohm between lead wire and frame (500VDC)

### Mechanical Specifications

<b>Dimensions</b>	80mm x 80mm x 25mm
<b>Height</b>	80mm
<b>Width</b>	80mm
<b>Depth</b>	25mm
<b>Bearing Type</b>	Sleeve
<b>Weight</b>	0.086Kg (0.19lbs)
<b>Life Expectancy</b>	50,000 hours (L10 at 40°C)

### Operation Environment Specifications

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

### Approvals

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

