

FEATURES

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

RS PRO, 12 V dc, DC Axial Fan, 50 x 50 x 10mm, 18.7m³/h, 1.44W

RS Stock No.: 789-7867



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. All models are highly reliable and excellent quality

General Specifications

Air Flow	10.3CFM
Fan Speed	5000rpm
Static Pressure	0.10in/H2O
Noise Level	30.4dB
Direction of Curve	Forward
Frame	PBT UL94V-0 Plastic
Impeller	PBT UL94V-0 Plastic
Alarm Function	No
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, Polarity Protected
AC or DC Operation	DC
Power Consumption	1.44W
Supply Voltage	12VDC
Rated Voltage	12VDC
Maximum Current	12mA
Dielectric Strength	500VAC/min < 1mA
Insulation Resistance	10M ohm between lead wire and frame (500VDC)

Mechanical Specifications

Dimensions	50mm x 50mm x10mm
Height	50mm
Width	50mm
Depth	10mm
Bearing Type	Sleeve
Weight	0.018Kg (0.04lbs)
Life Expectancy	50,000 hours (L10 at 25°C)

Operation Environment Specifications

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

Approvals

Compliance/Certifications	UL, cUL, TUV, UL94-V0
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Axial Fans



LEAD WIRES : UL 1007, 26 AWG, L = 300 +/- 10 mm
 Red = Positive ; Black = Negative

