

FEATURES

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

RS PRO, 5 V dc, DC Axial Fan, 40 x 40 x 10mm, 11.9m³/h, 1.92W

RS Stock No.: 789-7858



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

Air Flow	71CFM
Fan Speed	1800rpm
Static Pressure	0.09in/H2O
Noise Level	34dB
Fan Housing Shape	Rectangular; Round; Square
Direction of Curve	Forward
Frame	PBT UL94V-0 Plastic
Impeller	PBT UL94V-0 Plastic
Alarm Function	No
Speed Control Range	500min ⁻¹ to 3500min ⁻¹
Special Features	Dual Ball Bearing; Tachometer
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
Phase	1; 3
AC or DC Operation	DC
Power Consumption	1.92W
Supply Voltage	5VDC
Rated Voltage	5VDC
Maximum Current	190mA
Frequency in Hz	50; 50/60
Sensor Output Type	Open Collector; Voltage Output
Termination Type	Flat Plug; Lead Wire; Terminal; Terminal Block; Wire
Dielectric Strength	500VAC/min < 1mA
Insulation Resistance	10M ohm between lead wire and frame (500VDC)

Mechanical Specifications

Dimensions	40mm x 40mm x10mm
Height	40mm
Width	40mm
Depth	10mm
Diameter	150; 24mm
Bearing Type	Sleeve
Weight	0.017Kg (0.04lbs)
Cable Length	1m
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

Protection Category

IP Rating	IP25; IP65
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Approvals

Compliance/Certifications	UL, cUL, TUV, CE, UL94-V0
Hazardous Area Certification	ATEX Ex



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



