FEATURES

- **Tachometer output options, for sensing and speed control**

- **PBT UL94V-0 thermoplastic impeller.**

- **supporting excellent performance and life expectancy**

RS PRO, 24 V dc, DC Axial Fan, 40 x 40 x 10mm, 11.9m³/h, 2.16W

RS Stock No.: 619-7043

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.

Axial Fans

Product Description

Brought to you by RS Pro brand, a wide range of DC ball bearing axial fans offering a cost effective cooling solution without sacrificing on quality or reliability. With a brushless, auto restart, impedance and polarity protected motor these fans are ideal for a multitude of applications. All models are highly reliable and excellent quality.

General Specifications

Air Flow	6CFM
Fan Speed	6000rpm
Static Pressure	0.10in/H2O
Noise Level	30.5dB
Direction of Curve	Backwards
Frame	PBT UL94V-0 Plastic
Impeller	PBT UL94V-0 Plastic
Alarm Function	No
Special Features	Dual Ball Bearing
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

Internal

Axial Fans

Electrical Specifications

Motor	Brushless DC Motor, Polarity Protected
AC or DC Operation	DC
Power Consumption	2.16W
Supply Voltage	24VDC
Rated Voltage	24VDC
Maximum Current	60mA
Dielectric Strength	500VAC/min < 1mA
Insulation Resistance	100M ohm between lead wire and frame (500VDC)

Mechanical Specifications

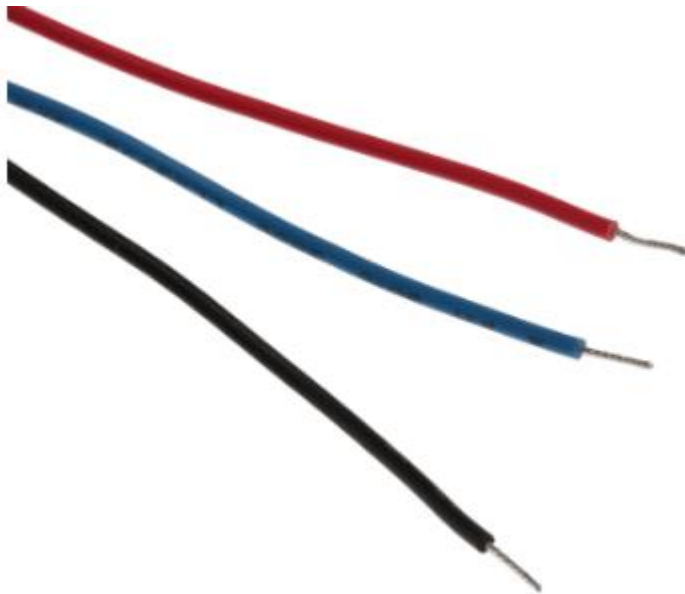|	
Dimensions	40mm x 40mm x10mm
Height	40mm
Width	40mm
Depth	10mm
Bearing Type	Ball
Weight	0.017Kg (0.02 lbs)
Life Expectancy	70,000 hours (L10 at 40°C)

Operation Environment Specifications

Operating Temperature	-20°C to 70°C
Storage Temperature	-45°C to 70°C

Approvals

Compliance/Certifications	UL, cUL, TUV, CE, UL94-V0

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

40.0±0.5
32.0±0.3
5±1
10.5±0.5
300±10
4-Ø4.2±0.1
ROTATION
AIR FLOW

Static Pressure ("H₂O) vs Airflow (CFM)

0.16
0.13
0.09
0.06
0.03
0

0   1.5   3.0   4.5   6.0   7.5
Airflow (CFM)