

FEATURES

- PBT UL94V-0 thermoplastic impeller
- Ball bearing system, supporting excellent performance and life expectancy. Typically 60000 hours based on L10 curve figures
- Brushless DC, polarity protected, locked rotor protected motor
- Tachometer output options, for sensing and speed control

RS PRO, 12 V dc, DC Axial Fan, 120 x 120 x 25mm, 151.2m³/h, 5W

RS Stock No.: 619-6494



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 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	151.2m ³ /h
Fan Speed	2200rpm
Static Pressure	0.29in/H ₂ O
Noise Level	39dB
Fan Housing Shape	Rectangular; Round; Square
Direction of Curve	Forward
Frame	PBT Plastic
Impeller	PBT Plastic
Alarm Function	No; Low-speed alarm
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 compressor, Laptop and Computer tower

Electrical Specifications

Motor	Brushless DC, Auto Cut-off, Auto Restart, Polarity Protected
Phase	1; 3
AC or DC Operation	DC
Power Consumption	5W
Supply Voltage	12Vdc
Rated Voltage	12VDC
Maximum Current	370mA
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	1 second at 500 VAC, max leakage – 500 MicroAmp
Insulation Resistance	10M ohm between lead wire and frame (500VDC)
Voltage Range	10.8~13.2Vdc

Mechanical Specifications

Dimensions	120x120x25mm
Height	120mm
Width	120mm
Depth	52mm
Diameter	150; 24mm
Bearing Type	Ball
Weight	0.028Kg (0.06 lbs)
Cable Length	1m
Life Expectancy	65,000 hours (L10 at 45°C)

Operation Environment Specifications

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

Protection Category

IP Rating	IP25; IP65
-----------	------------

Approvals

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



RS Order Number	6196494	6196501	5415097	5415104	5415356
Model Number	OD1225-12HB	OD1225-24HB	OD1225-12LB	OD1225-12MB	OD1225-24MB
Nominal Voltage	12VDC	24VDC	12VDC	12VDC	24VDC
Nominal Current	0.37 A	0.19 A	0.24 A	0.33 A	0.17 A
Rated Power	5 W	5 W	3 W	4 W	4 W
Rated Speed (RPM)	2200	2200	1800	2050	2050
Airflow (CFM)	89	89	72	83	83
Noise Level (dB)	39	39	34	38	38
Max. Static Pressure	0.14" H2O	0.14" H2O	0.10" H2O	0.12" H2O	0.12" H2O

