3218J/2H4P-187 ebmpapst 48V DC Axial Fan

SKU: 3218J/2H4P-187

Price: $44.41

Categories: Fans

Tags: ebmpapst

Product Link:

https://www.elecspares.com/product/3218j-2h4p-187-ebmpapst-48v-dc-axial-fan/

Product Description

The ebmpapst 3218J/2H4P-187 is a high-performance 48VDC axial fan with dimensions of 92x92x38mm. Operating within a 20-58VDC range, it draws 1.0A of current and consumes 50W of power. This fan delivers a powerful airflow of 285m³/h (168CFM) and operates at an extremely high speed of 13000RPM, with a noise level of 79dB(A). Featuring durable ball bearings and four wire leads for PWM control and Tachometer output, it is constructed with a fiberglass-reinforced PBT plastic housing and a fiberglass-reinforced PA plastic impeller, boasting an IP20 ingress protection rating. It is suitable for reliable operation within an ambient temperature range of -20 to 70°C and has a typical service life of 60,000hours at 40°C. This fan is ideal for demanding cooling applications in servers, power drive modules, and other high-density electronic equipment.

3218J/2H4P-187 Fan Parameters
Manufacturer: ebmpapst
Model: 3218J/2H4P-187
Fan Type: DC Axial Fan
Dimensions: 92 x 92 x 38 mm
Rated Voltage: 48 VDC
Operating Voltage Range: 20 ~ 58 VDC
Current Rating: 1.0 A
Power Consumption: 50 W
Airflow: 285 m³/h (168 CFM)
Speed: 13000 RPM
Noise Level: 79 dB(A)
Bearing Type: Ball Bearing
Termination: Four Wire Leads (PWM, Tachometer)
Operating Temperature: -20 ~ 70°C

Lifetime @ Temp: 60,000 Hours (at 40°C)

Housing Material: Plastic (Fiberglass-reinforced PBT plastic)

Impeller Material: Plastic (Fiberglass-reinforced PA plastic)

IP Rating: IP20

Weight: 0.29 kg

Approval Agency: CE, EAC, UL, VDE, CSA, CCC

Application: This ebmpapst DC axial fan is ideal for demanding cooling applications in compact electronic systems, servers, power drive modules, telecommunications equipment, and other high-density setups requiring high airflow and precise speed control.

Product Images

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