

3218JH4 ebm-papst 48VDC 50W 92x92x38mm Axial DC Fan Datasheet



Brand: ebmpapst

SKU: 974513509923

Category: Axial & Centrifugal Fans

Price: \$27.86

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Product Page:

<https://www.equipspares.com/product/3218jh4-ebm-papst-48vdc-50w-92x92x38mm-axial-dc-fan>

Product Description

ebm-papst 3218JH4 92 x 92 x 38 mm, 48 VDC, 50 W, 280 m³/h axial fan. The unit is constructed with a glass-fiber reinforced PBT plastic housing and a glass-fiber reinforced PA plastic impeller. It utilizes a high-speed dual ball bearing system to reach 13,000 RPM, generating a sound pressure level of 73 dB(A). Electrical connection is established via two 22 AWG lead wires, and the airflow is directed as exhaust over the struts.

3218JH4 Specifications

Model: 3218JH4

Brand: ebm-papst

Series: S-Force

Category: DC Axial Fan

Nominal Voltage: 48 VDC

Voltage Range: 20 to 58 VDC

Power Consumption: 50 W

Current Rating: 1.04 A

Nominal Speed: 13,000 RPM

Airflow: 165 CFM (280 m³/h)

Noise Level: 73 dB(A)

Dimensions: 92 x 92 x 38 mm

Weight: 280 g

Bearing Type: Ball Bearing

Housing Material: Glass-fiber reinforced PBT plastic

Impeller Material: Glass-fiber reinforced PA plastic

Operating Temperature: -20 to 70 °C

Service Life L10: 60,000 h at 40 °C

Service Life L10 Max Temp: 30,000 h at 70 °C

Airflow Direction: Exhaust over struts

Termination: 2-wire leads (22 AWG)

3218JH4 Applications

Primary applications include integration into high-density telecommunications racks, server cooling systems, and industrial frequency inverters. Deployed within medical imaging equipment and high-performance power supply units requiring intensive thermal management.

Supplemental Images

