

3414N/2-608 ebm-papst 24VDC 2.3W 92x92x25mm DC Axial Fan Datasheet



Brand: ebmpapst

SKU: [1047133546657](#)

Category: Axial & Centrifugal Fans

Price: **\$91.43**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/3414n-2-608-ebm-papst-24vdc-2-3w-92x92x25mm-dc-axial-fan>

Product Description

ebm-papst 3414N/2-608 is a 92 x 92 x 25.4 mm DC axial fan operating at a nominal 24 VDC and 2.3 W, delivering an airflow capacity of 82 m³/h (49 CFM). Constructed with a fiberglass-reinforced PBT plastic housing and PA impeller, this unit integrates a precision ball bearing system. The fan features a 3-wire interface with an open collector tachometer output for speed monitoring, alongside fully integrated commutation electronics that provide electronic protection against reverse polarity, blocking, and overloading.

3414N/2-608 Specifications

Model Number: 3414N/2-608

Part number 9292506608

Brand: ebm-papst

Product Category: DC Axial Fan

Nominal Voltage: 24 VDC

Operating Voltage Range: 18 to 28 VDC

Nominal Current: 96 mA

Power Consumption: 2.3 W

Airflow: 82 m³/h (49 CFM)

Fan Speed: 2700 RPM

Acoustic Noise Level: 32 dBA

Bearing Type: Ball Bearing

Dimensions: 92 x 92 x 25.4 mm

Weight: 100 g

Housing Material: Fiberglass-reinforced PBT Plastic

Impeller Material: Fiberglass-reinforced PA Plastic

Connection Type: 3-Wire Leads

Tachometer Output: Open Collector

Operating Temperature Range: -20 °C to 70 °C

Motor Protection: Reverse polarity, blocking, and overloading

Approvals: UL, CSA, VDE, RoHS Compliant

3414N/2-608 Applications

Primary applications include integration into analytical laboratory equipment, specifically Thermo Fisher scientific instruments requiring precise thermal management. Deployed within industrial control cabinets, telecom base stations, and automated diagnostic machinery to ensure stable operating temperatures for sensitive electronic components.

Supplemental Images

