

8418N ebmpapst 24V DC Axial Fan

SKU: 8418N

Price: \$59.21

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/8418n-ebmpapst-24v-dc-axial-fan/>

Product Description

The ebmpapst 8418N is a compact 48V DC Axial Fan with dimensions of 80x80x25mm. It operates within a voltage range of 36 to 56V DC. The fan has a power consumption of 2.0W, a current draw of 0.06A, and achieves a speed of 3100RPM, providing an airflow of 69m³/h, a sound power level of 4.7B, and a sound pressure level of 32dB(A). It features a glass-fiber reinforced PBT plastic housing and a glass-fiber reinforced PA plastic impeller. Equipped with ball bearings, it has a service life of 70000h at 40°C and 35000h at maximum temperature. It operates efficiently within an ambient temperature range of -20 to 70°C. The fan includes motor protection against reverse polarity and blocked rotor, as well as locked-rotor and overload protection. It is approved by VDE, CSA, UL, and CE.

8418N Fan Parameters

Model: 8418N

Manufacturer: ebmpapst

Type: DC Axial Fan

Dimensions: 80 x 80 x 25 mm

Nominal Voltage: 48 V DC

Nominal Voltage Range: 36 .. 56 V DC

Speed: 3100 RPM

Power Consumption: 2.0 W

Current Draw: 0.06 A

Airflow: 69 m³/h

Sound Power Level: 4.7 B

Sound Pressure Level: 32 dB(A)

Housing Material: Glass-fiber reinforced PBT plastic

Impeller Material: Glass-fiber reinforced PA plastic

Airflow Direction: Exhaust over struts

Direction of Rotation: Counterclockwise, viewed toward rotor

Bearing Type: Ball bearing

Service Life L10 at 40 °C: 70000 h

Service Life L10 at Maximum Temperature: 35000 h

Cable: Leads AWG 24, TR 64, stripped and tin-plated

Motor Protection: Protection against reverse polarity and blocked rotor

Locked-Rotor Protection: Locked-rotor and overload protection

Approval: VDE, CSA, UL, CE

Min. Ambient Temperature: -20 °C

Max. Ambient Temperature: 70 °C

Weight: 0.095 kg

Application: Suitable for general electronics cooling, small enclosure ventilation, and other applications requiring compact and efficient DC airflow.

Product Images







► 配件 Accessories



铁网
Guard Grille

Scan for product details:

