

3414NGH ebmpapst DC24V 0.13A 3.0W axial fan

SKU: 3414NGH

Price: \$44.41

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/3414ngh-ebmpapst-dc24v-0-13a-3-0w-axial-fan/>

Product Description

The ebmpapst 3414NGH is a DC axial fan measuring 92x92x25mm. It operates on 24 VDC, drawing 0.13 A of current, with a power consumption of 3.0 W. This fan achieves a speed of 3000 RPM, providing an airflow of 94 m³/h (approximately 55 CFM). The sound pressure level is 36 dB(A), and the sound power level is 5.0 B. It features a Sintec sleeve bearing and connects via Leads AWG 24, TR 64, stripped and tin-plated, with an option for speed signal. The airflow direction is exhaust over struts, and the direction of rotation is counterclockwise when viewed toward the rotor. It includes protection against reverse polarity and blocked rotor and has VDE, CSA, UL approvals. The housing and impeller are made of glass-fiber reinforced plastic. Its service life at 40°C is 70000 h, and at maximum temperature is 35000 h. This fan is commonly used in various electronic equipment, server cooling, and control cabinet applications.

3414NGH Fan Parameters

Model: 3414NGH

Manufacturer: ebmpapst

Type: DC Axial Fan

Dimensions: 92x92x25 mm

Rated Voltage: 24 VDC

Rated Current: 0.13 A

Nominal Voltage Range: 18 to 26 VDC

Power Consumption: 3.0 W

Speed: 3000 RPM

Airflow: 94 m³/h (55 CFM)

Sound Pressure Level: 36 dB(A)

Sound Power Level: 5.0 B

Min. Ambient Temperature: -20°C

Max. Ambient Temperature: 70°C

Bearing Type: Sintec sleeve bearing

Termination: Leads AWG 24, TR 64, stripped and tin-plated (with speed signal option)

Airflow Direction: Exhaust over struts

Direction of Rotation: Counterclockwise, viewed toward rotor

Motor Protection: Protection against reverse polarity and blocked rotor

Approval: VDE, CSA, UL

Housing Material: Glass-fiber reinforced PBT plastic

Impeller Material: Glass-fiber reinforced PA plastic

Expected Life L10 at 40°C: 70000 h

Expected Life L10 at Maximum Temperature: 35000 h

Application: Electronic equipment, server cooling, control cabinets.

Product Images







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