

3412NH ebmpapst 12V DC Axial Fan

SKU: 3412NH

Price: \$38.35

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/3412nh-ebmpapst-12v-dc-axial-fan/>

Product Description

The ebmpapst 3412NH is a DC Axial Fan measuring 92x92x25mm. It operates on 12VDC with a nominal voltage range of 8V to 15VDC, consuming 2.1W power. It provides 94m³/h airflow at a speed of 3000RPM, with a sound pressure level of 36dB(A) and a sound power level of 5.0 B. Featuring a ball bearing system, it is equipped with 2 wire leads for electrical connection. The fan includes protection against reverse polarity and blocked rotor. Constructed with glass-fiber reinforced PBT plastic housing and PA plastic impeller, it weighs 0.100kg and is designed for an ambient temperature range of -20 to 70°C. Approved by VDE, CSA, and UL, with available options for speed and alarm signals.

3412NH Fan Parameters

Model: 3412NH

Manufacturer: ebmpapst

Type: DC Axial Fan

Nominal Voltage: 12 V DC

Nominal Voltage Range: 8 V .. 15 V DC

Speed: 3000 RPM

Power Consumption: 2.1 W

Min. Ambient Temperature: -20 °C

Max. Ambient Temperature: 70 °C

Air Flow: 94 m³/h

Sound Power Level: 5.0 B

Sound Pressure Level: 36 dB(A)

Housing Material: Glass-fiber reinforced PBT plastic

Impeller Material: Glass-fiber reinforced PA plastic

Dimensions: 92 x 92 x 25 mm

Airflow Direction: Exhaust over struts

Direction of Rotation: Counterclockwise, viewed toward rotor

Bearing System: 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

Approval: VDE, CSA, UL

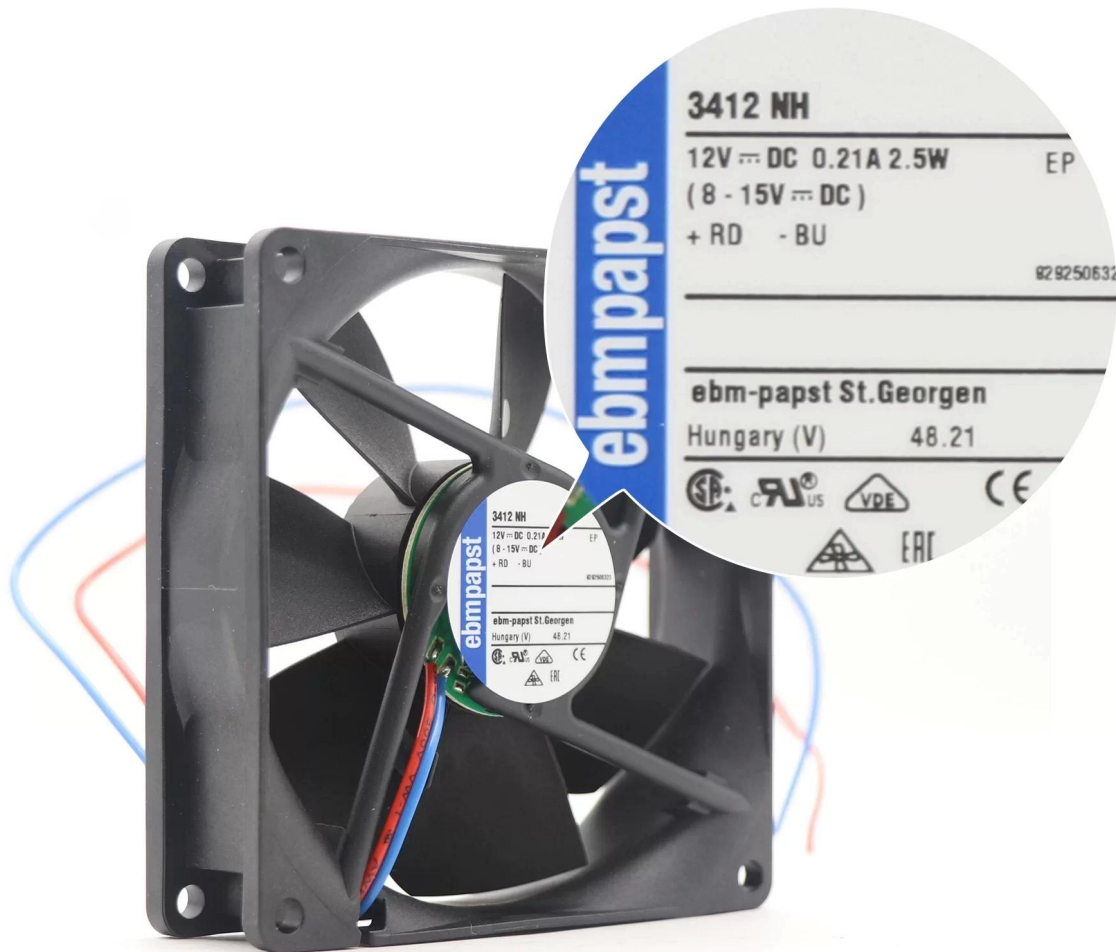
Options: Speed signal, alarm signal

Weight: 0.100 kg

Application: The 3412NH DC axial fan is suitable for a wide range of cooling applications, including electronics cooling in IT and networking equipment, small appliances, industrial control systems, and other general ventilation tasks requiring compact size and efficient airflow.

Product Images







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Guard Grille

