422JM ebmpapst 12V DC Axial Fan

SKU: 422JM

Price: $44.41

Categories: Fans

Tags: ebmpapst

Product Link:
https://www.elecspares.com/product/422jm-ebmpapst-12v-dc-axial-fan/

Product Description

The ebmpapst 422JM is a compact DC Axial Fan measuring 40x40x28mm, designed for applications requiring high airflow even at high back pressure, while maintaining low operating noise. It operates on 12VDC (nominal, with a range of 8-13.8VDC), consuming 2.4W of power and achieving a high speed of 11400 RPM. This fan delivers an airflow of 24 m³/h (14.12 CFM) with a sound pressure level of 42 dB(A) and a sound power level of 5.5 B. It features durable ball bearings, an impeller made of glass-fiber reinforced PA plastic, and a housing made of glass-fiber reinforced PBT plastic. The fan includes leads (AWG 28, UL 1061 compliant) and is a standard version with PWM control input and speed signal capabilities. It's approved by VDE, CSA, and UL.

422JM Fan Parameters

Model: 422JM

Manufacturer: ebmpapst

Type: DC Axial Fan

Phase: 1~

Dimensions: 40 x 40 x 28 mm

Rated Voltage: 12 VDC

Operating Voltage Range: 8 - 13.8 VDC

Power Consumption: 2.4 W

Fan Speed: 11400 RPM

Airflow: 24 m³/h (14.12 CFM)

Sound Power Level: 5.5 B

Sound Pressure Level: 42 dB(A)

Min. Ambient Temperature: -20 °C

Max. Ambient Temperature: 70 °C

Bearing Type: Ball Bearing

Impeller Material: Glass-fiber reinforced PA plastic

Housing Material: Glass-fiber reinforced PBT plastic

Airflow Direction: Exhaust over struts

Direction of Rotation: Counterclockwise, viewed toward rotor

Service Life (L10 at 20 °C): 75,000 h

Service Life (L10 at 60 °C): 37,500 h

Cable: With leads AWG 28, UL 1061

Approvals: VDE, CSA, UL

Weight: 0.045 kg (45 g)

Technical Features: Pressure-insensitive characteristic curve, Low operating noise, Standard version with PWM control input and speed signal

Application: Compact electronics, Systems requiring high airflow at high back pressure, General cooling

Product Images

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