

412H ebmpapst 12V 95mA 2-Wire DC axial fan

SKU: 412H

Price: \$14.57

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/412h-ebmpapst-12v-95ma-2-wire-dc-axial-fan/>

Product Description

The ebmpapst 412H is a compact 12V DC axial cooling fan. Measuring 40mm x 40mm x 20mm, this fan is designed for thermal management in smaller electronic devices, industrial equipment, and systems where space is at a premium. Based on your provided information, it operates at a rated voltage of 12V DC and draws a current of 0.095A (95mA), resulting in a power consumption of 1.1W. While the exact performance correlation to these specific values isn't universally documented, the 412H is typically known for a high rotational speed of 8100 RPM, delivering an airflow of 7.9 CFM. Its noise level is generally 29 dBA. The fan primarily features a Sintec sleeve bearing for quiet operation and a reliable lifespan. It commonly comes with 2-wire leads for simple power connection.

ebm-papst 412H Fan Parameters

Model Number: 412H

Manufacturer: ebm-papst

Series: 400 Series

Type: DC Axial Cooling Fan

Dimensions: 40mm x 40mm x 20mm

Rated Voltage: 12V DC

Operating Voltage Range: 10V to 14V DC

Rated Current: 0.095A (95mA)

Rated Power: 1.1W

Speed: 8100 RPM

Airflow: 7.9 CFM (13.5 m³/h)

Noise Level: 29 dBA

Connector: 2-Wire Leads

Bearing Type: Sintec (Sleeve) Bearing

Life Expectancy: 45,000 hours at 20°C (or 17,500 hours at 60°C)

Frame Material: Polybutylene Terephthalate (PBT), Fiberglass Reinforced

Impeller (Blade) Material: Polyamide (PA), Nylon, Fiberglass Reinforced

Features: Protection against reverse polarity and blocked rotor. Possible custom designs include speed signal, go/no-go alarm, and PWM control input.

Operating Temperature: -20°C to +60°C

Approvals: CSA, UL, VDE

IP Rating: IP20

BKV301216/139 R1A

US-PTA: 5831359

Product Images









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