

# 8412NMLE ebmpapst 12V DC Axial Fan

**SKU:** 8412NMLE

**Price:** \$39.64

**Categories:** Fans

**Tags:** ebmpapst

**Product Link:**

<https://www.electspares.com/product/8412nmle-ebmpapst-12v-dc-axial-fan/>

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## Product Description

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The ebmpapst 8412NMLE is a compact 12VDC Axial Fan with dimensions of 80x80x25mm. Operating from 8 to 15VDC, it has a rated current of 0.052A, power consumption of 0.624W, and a starting current of 0.62A. It achieves 1700RPM, providing 42m<sup>3</sup>/h (24.7CFM) airflow and 14Pa static pressure, with a low noise level of 17dB(A). This fan features a Sintec sleeve bearing (40000hL10 at 40°C), glass-fiber reinforced PBT plastic housing and PA plastic impeller, and 2-wire leads (AWG 24, TR 64). It includes polarity and locked-rotor protection, operates between -20 to 70°C, and holds VDE, CSA, UL, CE approvals.

### 8412NMLE Fan Parameters

Model: 8412NMLE

Manufacturer: ebmpapst

Type: DC Axial Fan

Dimensions: 80 x 80 x 25 mm

Nominal Voltage: 12 V DC

Operating Voltage Range: 8 .. 15 V DC

Rated Current: 0.052 A

Power Consumption: 0.624 W

Starting Current: 0.62 A

Speed: 1700 RPM

Airflow: 42 m<sup>3</sup>/h (24.7 CFM)

Static Pressure: 14 Pa

Noise Level: 17 dB(A)

Bearing Type: Sintec Sleeve Bearing

Housing Material: Glass-fiber reinforced PBT plastic

Impeller Material: Glass-fiber reinforced PA plastic

Min. Ambient Temperature: -20 °C

Max. Ambient Temperature: 70 °C

Life Expectancy L10 at 40 °C: 40000 h

Termination: 2-wire leads (AWG 24, TR 64, stripped and tin-plated)

Motor Protection: Polarity Protection, Locked-Rotor Protection

Approval: VDE, CSA, UL, CE

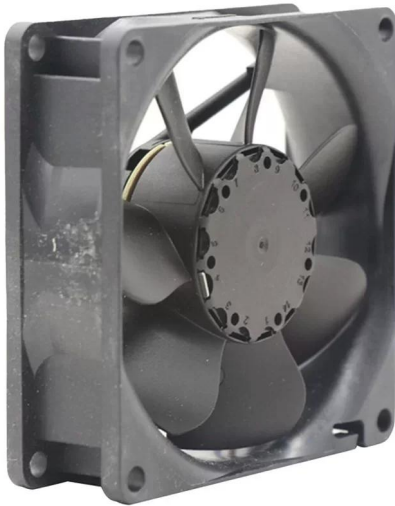
Application: Suitable for general cooling in electronic devices, small appliances, and other applications requiring a compact and quiet 80mm DC fan.

## Product Images

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