

# 8414N ebmpapst 24V 85mA 2.0W DC inverter fan

**SKU:** 8414N

**Price:** \$39.28

**Categories:** Fans

**Tags:** ebmpapst

**Product Link:**

<https://www.electspares.com/product/8414n-ebmpapst-24v-85ma-2-0w-dc-inverter-fan/>

---

## Product Description

---

The ebmpapst 8414N is a compact 80x80x25mm DC axial fan engineered for efficient cooling in a wide range of electronic and industrial applications. Operating on a 24V DC power supply, this fan precisely consumes 1.8W of power. It achieves a rotational speed of 3100 RPM, delivering an airflow of 40.6 CFM (69 m<sup>3</sup>/h) and generating a sound pressure level of 32 dB(A). Utilizing ball bearings, this model offers a long operational life of 70,000 hours at 40°C and includes electronic protection against reverse polarity, blocking, and overloading. Its robust design and quiet operation make it suitable for various equipment requiring reliable thermal management.

8414N Fan Parameters

Model Number: 8414N

Manufacturer: ebmpapst

Type: DC Axial Fan

Dimensions: 80mm x 80mm x 25mm

Rated Voltage: 24 VDC

Voltage Range: 18 VDC to 28 VDC

Rated Power: 1.8 W

Speed: 3100 RPM

Airflow: 40.6 CFM (69 m<sup>3</sup>/h)

Noise Level: 32 dB(A)

Bearing Type: Ball Bearing

Impeller Material: Fiberglass-reinforced PA plastic

Housing Material: Fiberglass-reinforced PBT plastic

Wiring: 2 Wire Leads (single strands, bared and tin-plated)

Weight: 0.095 kg

Operating Temperature: -20°C to +70°C

Life Expectancy (L10): 70,000 hours at 40°C

Features: Protected against reverse polarity, blocking, and overloading; Locked-rotor protection.

Certification: VDE, CSA, UL, CE

Application: Electronics cooling, control cabinets, power supplies, general ventilation.

New ebmpapst 8414N 8025 24V 85mA 2.0W DC silent inverter cooling fan

Model:8414N

Size:80\*80\*25mm

Voltage:24V

Current/power:85mA 2.0w

Air volume: 69m3/h

Speed: 3100RPM

Noise:32dBA

Lifespan:50000h

Weight:0.095KG

Bearing structure: ball bearing

Wiring method: lead type

Temperature range:-20~70C

Frame leaf:glass fiber reinforced plastic

## **Product Images**

---









---

Scan for product details:

