

# 3414NGL ebmpapst 24V 92mm 1.4W DC Axial Fan

**SKU:** 3414NGL

**Price:** \$50.75

**Categories:** Fans

**Tags:** ebmpapst

**Product Link:**

<https://www.electspares.com/product/3414ngl-ebmpapst-24v-92mm-1-4w-dc-axial-fan/>

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## Product Description

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The ebmpapst 3414 NGL is a high-performance Brushless DC Axial Fan with dimensions of 92 x 92 x 25 mm. Operating at a nominal voltage of 24 VDC with a range of 18-28 VDC, this unit features a 7-blade impeller and a durable Sintec sleeve bearing system. Designed for ultra-quiet operation, it delivers a maximum airflow of 61 m<sup>3</sup>/h (35.9 CFM) at a rated speed of 1950 RPM with a power consumption of only 1.4 W. The 2-wire electrical connection and glass-fiber reinforced plastic construction ensure easy integration and long-term reliability. With an exceptionally low sound pressure level of 23 dB(A), the 3414 NGL provides an optimized thermal management solution for noise-sensitive industrial and medical enclosures.

3414 NGL Fan Parameters

Manufacturer: ebmpapst

Model Number: 3414 NGL

Type: DC Axial Fan

Motor Design: Brushless DC Motor

Number of Blades: 7

Nominal Voltage: 24 VDC

Nominal Voltage Range: 18-28 VDC

Dimensions: 92 x 92 x 25 mm

Weight: 0.100 kg

[Electrical Data]

Speed (rpm): 1950 RPM

Power Consumption: 1.4 W

Motor Protection: Protection against reverse polarity and blocked rotor

Cable: 2 Leads AWG 24, TR 64, stripped and tin-plated

[Performance & Acoustics]

Air Flow: 61 m<sup>3</sup>/h (35.9 CFM)

Max. Static Pressure: 28 Pa (0.11 inAq)

Sound Pressure Level: 23 dB(A)

Sound Power Level: 4.0 B

[Materials & Construction]

Housing Material: Glass-fiber reinforced PBT plastic

Impeller Material: Glass-fiber reinforced PA plastic

Storage: Sintec sleeve bearing

Airflow Direction: Exhaust over struts

Direction of Rotation: Counterclockwise, viewed toward rotor

[Reliability & Protection]

Service Life L10 at 40 °C: 80000 h

Service Life L10 at maximum temperature: 40000 h

Min. Ambient Temperature: -20 °C

Max. Ambient Temperature: 70 °C

Approval: VDE, CSA, UL

Application

The ebmpapst 3414 NGL Brushless DC Fan is an ideal thermal management solution for environments requiring ultra-quiet operation and steady airflow, such as medical devices, laboratory instruments, and high-end audio-visual equipment. Its 92 mm axial design with 7 high-efficiency blades and low 1.4 W power draw make it perfect for 24V DC systems where energy efficiency and acoustic comfort are paramount. The Sintec sleeve bearing system and 2-wire lead connection ensure exceptional reliability for 24/7 industrial control cabinets and telecommunications infrastructure. With its glass-fiber reinforced PBT housing and a maximum airflow of 61 m<sup>3</sup>/h (35.9 CFM), the 3414 NGL delivers a durable, vibration-free, and easy-to-integrate cooling performance for modern sensitive electronics.

## Product Images

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Scan for product details:

