

3314NHH ebmpapst 24V 0.14A 92x92x32mm DC Axial Fan

SKU: 3314NHH

Price: \$64.99

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/3314nhh-ebmpapst-24v-0-14a-92x92x32mm-dc-axial-fan/>

Product Description

The ebmpapst 3314NHH is a high-performance 24VDC axial fan with dimensions of 92 x 92 x 32 mm, specifically engineered for high-efficiency thermal management in industrial environments. Part of the 3300N series, this cooling solution features a rugged glass-fiber reinforced PBT plastic housing and a 5-blade PA plastic impeller designed to optimize aerodynamic throughput. It operates at a rated speed of 3,450 RPM, delivering a consistent air flow of 63 CFM (107 m³/h) with a power consumption of only 3.4 W. Equipped with a precision ball bearing system and impedance-protected motor, the 3314NHH ensures exceptional reliability with a service life of 67,500 hours at 40°C. Its robust construction and wide operating voltage range of 12.0 to 28.0 VDC make it a critical component for power supplies, automation control cabinets, and telecommunications hardware requiring dependable performance.

3314NHH Fan Parameters

Manufacturer: ebmpapst

Model Number: 3314NHH

Part Number: 9293510111

Type: DC Axial Fan

Series: 3300N Series

Dimensions: 92 x 92 x 32 mm

Weight: 190 g

Housing Material: Glass-fiber Reinforced PBT Plastic

Impeller Material: Glass-fiber Reinforced PA Plastic

Bearing Type: Ball Bearing

Number of Blades: 5

Rated Voltage: 24 VDC

Operating Voltage Range: 12.0 - 28.0 VDC
Rated Current: 0.14 A
Rated Input Power: 3.4 W
Rated Speed: 3,450 RPM
Max. Air Flow: 63 CFM (107 m³/h / 1.78 m³/min)
Max. Static Pressure: 0.28 inH₂O (70 Pa / 7.14 mmH₂O)
Sound Pressure Level: 42 dB(A)
Sound Power Level: 5.4 Bel
Termination: 2 Lead Wires (310 mm, AWG 24)
Wire Functions: Red (+), Blue (-)
Direction of Rotation: Clockwise (viewed toward rotor)
Airflow Direction: Exhaust over struts
Operating Temperature: -20 - +75 °C
Storage Temperature: -40 - +85 °C
Expected Life: 67,500 h (at 40 °C) / 27,500 h (at 75 °C)
Motor Protection: Polarity / Locked Rotor Protection
Safety Approvals: VDE, CSA, UL, CE, RoHS

Application

This professional-grade axial fan is primarily used for cooling industrial switching power supplies, telecommunications base stations, automated control systems, and medical equipment where consistent airflow and high operational reliability are required.

Product Images









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