

3314NHHU ebmpapst 24V 0.14A 92x92x32mm IP68 DC Axial Fan

SKU: 3314NHHU

Price: \$25.71

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/3314nhhu-ebmpapst-24v-0-14a-92x92x32mm-ip68-dc-axial-fan/>

Product Description

The ebmpapst 3314NHHU (Part No. 9293510112) is a professional-grade 24 VDC axial fan from the S-Panther series, specifically engineered for extreme environmental resilience. Featuring a compact 92 mm glass-fiber reinforced plastic construction, this unit is defined by its IP68 protection rating, ensuring complete immunity to dust and reliable operation under water submersion. Driven by a high-efficiency 3.4 W brushless motor, it delivers a consistent 3450 RPM while maintaining a low current draw of 0.14 A. The fan is equipped with premium ball bearings and comprehensive electronic protection, including reverse polarity and locked-rotor restart capabilities. Designed for maintenance-free S1 continuous operation, the 3314NHHU is the definitive thermal solution for outdoor telecommunications, marine electronics, and ruggedized industrial systems operating across a wide DC voltage range of 12-28 V.

3314NHHU Fan Parameters

Model Number: 3314NHHU

Part Number: 9293510112

Series Reference: VWCE092PJGJS

Manufacturer: ebmpapst

Series: S-Panther DC Axial Series

Type: DC Axial Fan

Size: 92 mm

Dimensions: 92 x 92 x 32 mm

Weight: 0.22 kg

Bearing Type: Ball Bearing

Nominal Voltage: 24 VDC

Voltage Range: 12 - 28 VDC

Power Consumption: 3.4 W

Nominal Current: 0.14 A

Speed: 3450 RPM

Max. Air Flow: 62.23 CFM (105.7 m³/h / 1.76 m³/min)

Max. Static Pressure: 9.81 mmH₂O (96.24 Pa / 0.39 inH₂O)

Actual Air Flow: 104 m³/h

Actual Static Pressure: 83 Pa

Motor Design: Brushless DC motor

Motor Protection: Reverse polarity and locked-rotor protection

Insulation Class: Class E

Electrical Hookup: 2 Lead wires (Red: +24V; Blue: GND)

Number of Blades: 5

Direction of Rotation: Clockwise, viewed toward rotor

Airflow Direction: Intake over struts

Impeller Material: Glass-fiber reinforced plastic (PA)

Housing Material: Glass-fiber reinforced plastic (PBT)

Installation Position: Any

Degree of Protection: IP68

Operating Temperature: -20 - +75 °C

Service Life (L10 @ 40 °C): 67500 h

Standard Compliance: EN 60950-1, CE

Approval Agency: VDE, UL, CSA

Application

The ebmpapst 3314NHHU axial fan is primarily utilized in outdoor telecommunications cabinets, marine navigation systems, renewable energy inverters, and industrial equipment located in high-pollution or salt-fog environments.

Product Images





9293510112
VWCE092PJGJS 3314 NHU
24V $\ddot{=}$ DC 0.14A 3.4W
(12V - 28V $\ddot{=}$ DC)
+UB:RD -GND:BU
EP
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IP68



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