

624/2H3P ebmpapst 24V 60x60x25mm DC Axial Fan

SKU: 624/2H3P

Price: \$52.99

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/624-2h3p-ebmpapst-24v-60x60x25mm-dc-axial-fan/>

Product Description

The ebmpapst 624/2H3P is a high-performance 24VDC DC Axial Fan with dimensions of 60 x 60 x 25 mm, specifically engineered for mission-critical cooling in Industrial Frequency Converters and high-density electronic enclosures. Driven by a speed-controlled brushless DC motor with maintenance-free ball bearings, this 0.070 kg unit operates on a 18.0 - 28.0 VDC supply delivering a Max. Power Consumption of 5.6 W and a Max. Current Draw of 0.24 A at a rated speed of 9700 RPM. This High-performance unit achieves a Max. Air Flow of 39.4 CFM (67.0 m³/h / 1.12 m³/min) and a Max. Static Pressure of 20.39 mmH₂O (200.0 Pa / 0.80 inAq). Featuring PWM speed control and a tachometer speed signal via a four-wire interface, this 5-blade unit with glass-fiber reinforced plastic construction is optimized for industrial VFD systems requiring intelligent thermal management and maximum operational reliability, backed by CE, EAC, UL, VDE, and CSA global safety certifications at the end.

624/2H3P Fan Parameters

Model Number: 624/2H3P

Ident Number: 9692200204 / VWCD060AJEGS

Manufacturer: ebmpapst

Type: DC Axial Fan (Speed-Controlled)

Dimensions: 60 x 60 x 25.0 mm

Weight: 0.070 kg

Bearing Type: Ball bearing

Nominal Voltage: 24 VDC

Nominal Voltage Range: 18.0 - 28.0 VDC

Max. Current Draw: 0.24 A

Max. Power Consumption: 5.6 W

Rated Speed: 9700 RPM

Max. Air Flow: 39.4 CFM (67.0 m³/h / 1.12 m³/min)

Max. Static Pressure: 20.39 mmH₂O (200.0 Pa / 0.80 inAq)

Working Air Flow: 67.0 m³/h

Static Pressure Increase: 200.0 Pa

Number of Blades: 5

Control Interface: PWM speed control (Violet wire)

Output Signal: Speed signal / Tacho (White wire)

Lead Wire Length: 310 mm (+- 10 mm)

Electrical Connection: 4-wire (Red: +UB, Blue: GND, Violet: PWM, White: Speed)

Electronic Function: Reversed polarity protection; Locked rotor protection; Auto restart

Sound Pressure Level: 48.0 dB(A)

Sound Power Level: 6.1 bel(A)

Insulation Class: Class III

Degree of Protection: IP20

Housing Material: Plastic (Glass-fiber reinforced PBT)

Impeller Material: Plastic (Glass-fiber reinforced PA)

Direction of Rotation: Clockwise (viewed toward rotor)

Ambient Temperature (Max.): 70 °C

Min. Operating Temperature: -20 °C

Life Expectancy L10: 62,500 h (at 40 °C) / 32,500 h (at 70 °C)

Standard Compliance: CE; EAC; UL; VDE; CSA

Application

The ebmpapst 624/2H3P axial fan is the primary cooling component for industrial frequency converters and high-performance electronic systems requiring precision 24V PWM speed regulation and multi-regional safety compliance.

Product Images









Scan for product details:

