

W2G130-AA33-31 ebmpapst 24VDC 172x150x55mm EC Axial Fan

SKU: W2G130-AA33-31

Price: \$419.69

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/w2g130-aa33-31-ebmpapst-24vdc-172x150x55mm-ec-axial-fan/>

Product Description

The ebmpapst W2G130-AA33-31 is a high-velocity 172 mm EC axial fan with a nominal voltage of 24 VDC and dimensions of 172 x 150 x 55 mm, specifically engineered for robust thermal management in high-density industrial and telecommunications environments. Driven by a high-torque GreenTech EC external rotor motor with an optimized power consumption of 16 W and a current draw of 0.74 A, this unit features a heavy-duty dual ball bearing system designed for long-term mechanical stability and continuous S1 duty. Its aerodynamic design with a 130 mm impeller delivers a powerful balance of significant airflow and a static pressure of 88 Pa, making it highly effective at maintaining optimal temperatures in electronic enclosures. Constructed with a premium die-cast aluminum housing and black-coated sheet steel impellers, this 0.9 kg fan provides a dependable and energy-saving cooling solution with integrated electronics for power supplies, server racks, and automation control cabinets at the end.

W2G130-AA33-31 Fan Parameters

Model Number: W2G130-AA33-31

Manufacturer: ebmpapst

Motor Model: M2G045-BA

Series: W2G Series

Type: EC Axial Fan

Impeller Size: 130 mm

Dimensions: 172 x 150 x 55 mm

Weight: 0.9 kg

Bearing Type: Ball bearing

Nominal Voltage: 24 VDC

Voltage Range: 16.0 - 28.0 VDC

Power Consumption: 16 W
Nominal Current: 0.74 A
Speed: 3150 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: 225 CFM (382 m³/h)
Actual Static Pressure: 0.35 inAq (88 Pa)
Sound Pressure Level: 57 dB(A)
Motor Design: Brushless EC motor (External rotor)
Motor Protection: Reverse polarity and locked-rotor protection
Technical Features: Tacho output; Motor current limitation; Soft start
Insulation Class: Class E
Electrical Hookup: 3 Lead wires
Number of Blades: 7
Direction of Rotation: Counter-clockwise, viewed toward rotor
Airflow Direction: Exhaust over struts
Impeller Material: Sheet steel, painted black
Housing Material: Die-cast aluminum, painted black
Installation Position: Any
Degree of Protection: IP20
Operating Temperature: -25 - +60 °C
Service Life (L10 @ 40 °C): 80000 h
Standard Compliance: EN 60950-1; CE
Approval Agency: VDE, UL, CSA

Application

The ebmpapst W2G130-AA33-31 EC fan is primarily utilized in industrial control cabinets, power supply units, telecommunications base stations, and server rack ventilation.

Product Images



ebmpapst | **W2G130-AA33-31** M

24V- (16-28V-) DC 3150 min⁻¹

red + blue -
white tach output
Impedance protected

C **UL**[®] **US** 16 W







Scan for product details:

