

W2S130-AB03-21 ebm-papst 230VAC 172mm Metal Axial Fan Datasheet



Brand: ebmpapst

SKU: [720003162853](#)

Category: Axial & Centrifugal Fans

Price: **\$161.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/w2s130-ab03-21-ebm-papst-230vac-172mm-metal-axial-fan>

Product Description

The ebm-papst W2S130-AB03-21 is a robust AC Axial Fan engineered for rigorous industrial thermal management applications. Featuring an advanced external rotor shaded-pole motor integrated into a die-cast aluminum housing, this unit delivers exceptional structural rigidity and optimized thermal impedance characteristics. The aerodynamic profile of the sheet steel impeller is calibrated to minimize acoustic signature while maximizing airflow efficiency against static pressure. Equipped with precision maintenance-free ball bearings, the system is designed to withstand elevated operating temperatures, ensuring reliability and longevity in continuous duty cycles within harsh electromechanical environments.

Model Number: W2S130-AB03-21

Brand: ebm-papst

Product Type: AC Axial Fan

Rated Voltage: 230VAC

Frequency: 50 / 60 Hz

Rated Current: 0.30 / 0.25 A

Power Input: 45 / 39 W

Rated Speed: 2800 / 3250 RPM

Max. Air Flow: 223.6 CFM (380 m³/h)

Max. Static Pressure: 11.4 mmH₂O (112 Pa / 0.45 inH₂O)

Bearing Type: Ball Bearing
Dimensions: 172 x 150 x 55 mm
Impeller Diameter: 130 mm
Weight: 1.1 kg
Housing Material: Die-Cast Aluminum, Black Coated
Impeller Material: Sheet Steel, Black Coated
Motor Type: External Rotor Shaded-Pole Motor
Direction of Rotation: Counter-Clockwise (Viewed on Rotor)
Direction of Air Flow: Intake Over Struts
Insulation Class: Class B
Ingress Protection: IP20
Operating Temperature: -25°C to +80°C
Termination: 2 Flat Plugs 2.8 x 0.5 mm
Motor Protection: Impedance Protected
Compliance: CE, CSA, UL, VDE
Mounting: Any Position

The W2S130-AB03-21 is widely utilized in critical infrastructure such as power supply units, welding machines, and telecommunication server racks requiring consistent thermal regulation. Its all-metal construction makes the W2S130-AB03-21 particularly suited for industrial automation control panels and medical devices where high temperature tolerance and durability are paramount.

Supplemental Images

