

# W2S130-BM03-11 ebm-papst 230VAC 150mm IP54 Axial Fan Datasheet



**Brand:** ebmpapst

**SKU:** [734782079772](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$278.99**

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**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

**Web:** <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/w2s130-bm03-11-ebm-papst-230vac-150mm-ip54-axial-fan>

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## Product Description

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The ebm-papst W2S130-BM03-11 is a robust AC tubeaxial fan engineered for demanding industrial thermal management. This unit features an external rotor shaded-pole motor integrated directly into a die-cast aluminum housing, ensuring superior structural rigidity and thermal impedance management. The impeller, constructed from sheet steel and welded directly to the rotor, provides exceptional durability under high thermal stress. Equipped with maintenance-free ball bearings and an IP54 ingress protection rating, the W2S130-BM03-11 delivers reliable aerodynamic performance in harsh environments, utilizing an exhaust-over-struts airflow configuration to optimize system cooling efficiency.

Model Number: W2S130-BM03-11

Brand: ebm-papst

Product Type: AC Tubeaxial Fan

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Rated Power: 47 / 46 W

Rated Current: 0.31 / 0.27 A

Rated Speed: 2800 / 3250 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 223.6 CFM (380 m<sup>3</sup>/h / 6.33 m<sup>3</sup>/min)

Max. Static Pressure: 0.60 inH<sub>2</sub>O (150 Pa / 15.3 mmH<sub>2</sub>O)

Dimensions: 150mm x 172mm x 55mm

Weight: 1.1 kg

Life Expectancy: 60,000 hrs @ 40°C

Housing Material: Die-Cast Aluminum (Black)

Impeller Material: Sheet Steel (Black)

Ingress Protection: IP54

Insulation Class: Class B

Operating Temperature: -40°C to +80°C

Motor Protection: Thermal Overload Protector (TOP)

Termination: 2 Lead Wires

Direction of Rotation: Counter-clockwise (seen on rotor)

Airflow Direction: Exhaust over struts (V)

Mounting: Grounding lug M4 x 8

Compliance: CE, VDE, CSA, UL

Designed for rigorous operational cycles, the W2S130-BM03-11 is frequently deployed in industrial welding machines, high-capacity server racks, and power inverters where heat dissipation is critical. The robust metal construction allows the W2S130-BM03-11 to function effectively in ventilation systems for control cabinets and specialized medical instrumentation, ensuring component longevity through consistent thermal regulation.

## Supplemental Images

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