

# W2S130-AB03-34 ebmpapst 230V 172x150x55mm AC Axial Fan

**SKU:** W2S130-AB03-34

**Price:** \$514.89

**Categories:** Fans

**Tags:** ebmpapst

**Product Link:**

<https://www.electspares.com/product/w2s130-ab03-34-ebmpapst-230v-172x150x55mm-ac-axial-fan/>

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## Product Description

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The ebmpapst W2S130-AB03-34 is a high-performance 230VAC AC Axial Fan with dimensions of 172 x 150 x 55 mm, featuring a robust die-cast aluminum housing and a sheet steel impeller, specifically engineered for mission-critical cooling in Industrial Frequency Converters and control cabinets. Driven by a 1-phase 2-pole M2S052-CA external rotor motor with maintenance-free ball bearings, this 1.1 kg unit operates on a 230 VAC supply delivering a Max. Power Consumption of 45 / 39 W and a Max. Current Draw of 0.31 / 0.25 A at a rated speed of 2800 / 3250 RPM. This High-performance unit achieves a Max. Air Flow of 226.6 / 256.0 CFM (385.0 / 435.0 m<sup>3</sup>/h / 6.42 / 7.25 m<sup>3</sup>/min) and a Max. Static Pressure of 8.16 / 12.24 mmH<sub>2</sub>O (80.0 / 120.0 Pa / 0.32 / 0.48 inAq). Featuring a thermal overload protector (TOP) and Class F insulation, this 7-blade unit is optimized for industrial VFD systems requiring reliable two-wire connection and high-temperature resistance up to 80 °C at the end.

W2S130-AB03-34 Fan Parameters

Model Number: W2S130-AB03-34

Motor Model: M2S052-CA

Manufacturer: ebmpapst

Type: AC Axial Fan

Impeller Size: 130 mm

Dimensions: 172 x 150 x 55 mm

Weight: 1.1 kg

Bearing Type: Ball bearing

Phase: 1~

Nominal Voltage: 230 VAC

Frequency: 50 / 60 Hz

Method of Obtaining Data: fa (Free air)  
Max. Current Draw: 0.31 / 0.25 A  
Max. Power Consumption: 45 / 39 W  
Rated Speed: 2800 / 3250 RPM  
Max. Air Flow: 226.6 / 256.0 CFM (385.0 / 435.0 m<sup>3</sup>/h / 6.42 / 7.25 m<sup>3</sup>/min)  
Max. Static Pressure: 8.16 / 12.24 mmH<sub>2</sub>O (80.0 / 120.0 Pa / 0.32 / 0.48 inAq)  
Working Air Flow: 385.0 / 435.0 m<sup>3</sup>/h  
Static Pressure Increase: 80.0 / 120.0 Pa  
Starting Current: 0.45 / 0.40 A  
Number of Blades: 7  
Touch Current (IEC 60990): < 0.75 mA  
Motor Protection: Thermal overload protector (TOP) internally connected  
Electrical Hookup: 2-wire (Variable cable)  
Insulation Class: Class F  
Degree of Protection: IP54  
Environmental Protection Class: H1+  
Housing Material: Die-cast aluminum, painted black  
Impeller Material: Sheet steel, painted black  
Direction of Rotation: Counterclockwise (viewed toward rotor)  
Airflow Direction: V (Exhaust over struts)  
Installation Position: Any  
Mode: S1  
Ambient Temperature (Max.): 50 / 80 °C  
Min. Operating Temperature: -25 °C  
Standard Compliance: EN 60335-1; CE  
Approval: CSA C22.2 No. 100; EAC; UL 1004-1

#### Application

The ebmpapst W2S130-AB03-34 axial fan is the primary cooling component for industrial frequency converters and high-density power electronics requiring robust IP54-rated metal construction and high-temperature durability.

## **Product Images**

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Scan for product details:

