

# W2S135-EA79-01 ebmpapst 230VAC 135mm AC Axial Fan

**SKU:** W2S135-EA79-01

**Price:** \$1,724.46

**Categories:** Fans

**Tags:** ebmpapst

**Product Link:**

<https://www.electspares.com/product/w2s135-ea79-01-ebmpapst-230vac-135mm-ac-axial-fan/>

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## Product Description

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The ebmpapst W2S135-EA79-01 is a professional-grade 150 mm AC axial fan with a nominal voltage of 230 VAC and dimensions of 155x155x110mm, specifically engineered for robust thermal management in industrial and telecommunications environments. Driven by a high-efficiency M2S052-CA external rotor motor with a power consumption of 25/32 W, 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 5-blade sheet steel impeller delivers a powerful balance of significant airflow and stable static pressure, making it highly effective at maintaining optimal temperatures in electronic enclosures. Constructed with a premium die-cast aluminum housing painted black, this 2.0 kg fan provides a dependable and durable cooling solution with IP55 protection and Class F insulation for industrial power supplies, server racks, and automation control cabinets at the end.

W2S135-EA79-01 Fan Parameters

Model Number: W2S135-EA79-01

Manufacturer: ebmpapst

Motor Model: M2S052-CA

Series: W2S135 Series

Type: AC Axial Fan

Size: 135 mm

Dimensions: 155 x 155 x 110 mm

Weight: 2.0 kg

Bearing Type: Ball bearing

Nominal Voltage: 230 VAC

Voltage Range: 230 - 265 VAC

Frequency: 50 / 60 Hz

Power Consumption: 25 W (@ 50 Hz) / 32 W (@ 60 Hz)

Nominal Current: 0.17 A (@ 50 Hz) / 0.18 A (@ 60 Hz)

Starting Current: 0.28 A (@ 50 Hz) / 0.30 A (@ 60 Hz)

Speed: 2800 RPM (@ 50 Hz) / 3350 RPM (@ 60 Hz)

Max. Air Flow: 62.23 CFM (105.7 m<sup>3</sup>/h / 1.76 m<sup>3</sup>/min)

Max. Static Pressure: 9.81 mmH<sub>2</sub>O (96.24 Pa / 0.39 inH<sub>2</sub>O)

Actual Air Flow: 205 CFM (350 m<sup>3</sup>/h) @ 50 Hz / 241 CFM (410 m<sup>3</sup>/h) @ 60 Hz

Actual Static Pressure: 0.48 inAq (120 Pa) @ 50 Hz / 0.56 inAq (140 Pa) @ 60 Hz

Sound Pressure Level: 53 dB(A) (@ 50 Hz) / 58 dB(A) (@ 60 Hz)

Motor Design: 1-phase shaded-pole motor (External rotor)

Motor Protection: Protection class I (Customer PE connection required)

Insulation Class: Class F

Electrical Hookup: 2 Lead wires

Number of Blades: 7

Direction of Rotation: Counter-clockwise, viewed toward rotor

Airflow Direction: V (Exhaust over struts)

Impeller Material: Sheet steel, painted black

Housing Material: Die-cast aluminum, painted black

Installation Position: Any

Degree of Protection: IP55

Moisture Protection Class: H1

Operating Temperature: -25 - +80 °C

Storage Temperature: -40 - +80 °C

Mode: S1 (Continuous operation)

Standard Compliance: EN 60034-1; EN 60204-1; EN 60335-1

Approval Agency: EAC; UL 1004-1; CSA C22.2 No. 100

#### Application

The ebmpapst W2S135-EA79-01 AC fan is primarily utilized in industrial control cabinets, power supply units, medical equipment, and telecommunications rack ventilation.

## Product Images

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W2S135-EA79-01  
115V~230V 50/60 Hz 230W 2800min<sup>-1</sup>  
max. 0.30A  
230V~50Hz max. 0.23A 2800min<sup>-1</sup>  
TA-CLE 1.5 1P25  
4  
CE  
Made in Germany 8271

SIEMENS



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