

ebmpapst W2S130-AA03-01 M2S052-CA 230V 45W 7855ES fan

SKU: W2S130-AA03-01

Price: \$58.99

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/ebmpapst-w2s130-aa03-01-m2s052-ca-230v-45w-7855es-fan/>

Product Description

The ebmpapst W2S130-AA03-01 is a high-performance AC axial fan measuring 172x150x55mm. It operates on 230 VAC at 50/60 Hz and features a robust ball bearing system for reliable performance, connecting via 2 wire leads. The frame is made of die-cast aluminum, and the impeller is black-coated sheet steel, directly welded onto the rotor. It incorporates an impedance-protected shaded-pole motor that includes an integrated thermal overload protector (TOP) with internal connection for motor protection, and has an IP20 ingress protection rating. For 50 Hz operation, it typically draws 0.31 A with a power consumption of 45 W, achieving a speed of 2800 RPM, an airflow of 350 m³/h (approximately 206 CFM), and a noise level of 53 dB(A). For 60 Hz operation, it typically draws 0.25 A with a power consumption of 39 W, achieving a speed of 3250 RPM, an airflow of 382.5 m³/h (approximately 225 CFM), and a noise level of 58 dB(A). This fan is designed for compact high-performance equipment cooling and is suitable for a wide range of applications requiring high airflow with low resistance, such as heat pumps, air conditioners, refrigerated display cases, and industrial enclosures.

W2S130-AA03-01 Fan Parameters

Model: W2S130-AA03-01

Manufacturer: ebmpapst

Type: AC Axial Fan

Dimensions: 172x150x55 mm

Rated Voltage: 230 VAC

Frequency: 50/60 Hz

Rated Current: 0.31 A (at 50 Hz) / 0.25 A (at 60 Hz)

Power Consumption: 45 W (at 50 Hz) / 39 W (at 60 Hz)

Speed: 2800 RPM (at 50 Hz) / 3250 RPM (at 60 Hz)

Airflow: 350 m³/h (206 CFM) (at 50 Hz) / 382.5 m³/h (225 CFM) (at 60 Hz)

Static Pressure: 80 Pa (0.32 inH₂O) (at 50 Hz) / 120 Pa (0.48 inH₂O) (at 60 Hz)

Noise Level: 53 dB(A) (at 50 Hz) / 58 dB(A) (at 60 Hz)

Bearing Type: Ball Bearing

Termination: 2 Wire Leads (approx. 330mm length)

Frame Material: Die-cast Aluminum

Impeller Material: Black-coated Sheet Steel

Ingress Protection: IP20

Insulation Class: B

Motor Protection: Impedance Protected, Thermal Overload Protector (TOP) internally connected

Operating Temperature: -25 to 70°C

Weight: 1.00 kg

Application: Heat pumps, portable and split-system air conditioners, refrigerated display cases, cold storage evaporators, tabletop condensers, greenhouses, V-type condensers, industrial applications, equipment cooling.

Product Images









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