

W2E143-AA09-25 ebmpapst 230V AC Axial Fan

SKU: W2E143-AA09-25

Price: \$197.36

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.elecspares.com/product/w2e143-aa09-25-ebmpapst-230v-ac-axial-fan/>

Product Description

The ebmpapst W2E143-AA09-25 is an AC Axial Fan measuring 143 mm. It operates on 230VAC and is designed for dual frequency use: at 50Hz, it draws 0.12A current, consumes 24W power, and reaches 2800RPM; at 60Hz, it draws 0.11A current, consumes 26W power, and reaches 3300RPM. This fan features 5 painted black sheet steel blades and a die-cast aluminum, painted black housing. It utilizes a reliable ball bearing system and has an IP20 degree of protection. Electrical connection is via a plug, and it includes an externally wired thermal overload protector (TOP). The fan weighs 1.0kg and is suitable for ambient temperatures from -25°C up to 70°C. It conforms to EN 60335-1 and CE standards, and holds VDE approval.

W2E143-AA09-25 Fan Parameters

Model: W2E143-AA09-25

Manufacturer: ebmpapst

Type: AC Axial Fan

Motor: M2E052-BF

Phase: 1~

Nominal Voltage: 230 V AC

Frequency: 50 / 60 Hz

Speed: 2800 RPM (50 Hz) / 3300 RPM (60 Hz)

Power Consumption: 24 W (50 Hz) / 26 W (60 Hz)

Current Draw: 0.12 A (50 Hz) / 0.11 A (60 Hz)

Capacitor: 0.75 µF

Capacitor Voltage: 400 VDB

Capacitor Standard: P0 (CE)

Min. Ambient Temperature: -25 °C

Max. Ambient Temperature: 70 °C

Weight: 1.0 kg

Fan Size: 143 mm

Rotor Surface: Rotor open, painted black

Blade Material: Sheet steel, painted black

Housing Material: Die-cast aluminum, painted black

Number of Blades: 5

Airflow Direction: V

Direction of Rotation: Counterclockwise, viewed toward rotor

Degree of Protection: IP20

Insulation Class: "B"

Max. Permitted Ambient Temp. for Motor (Transport/Storage): +80 °C

Min. Permitted Ambient Temp. for Motor (Transport/Storage): -40 °C

Installation Position: Any

Condensation Drainage Holes: None, open rotor

Motor Bearing: Ball bearing

Touch Current acc. IEC 60990: < 0.75 mA

Electrical Hookup: With plug

Motor Protection: Thermal Overload Protector (TOP) externally wired

Protection Class: I (with customer connection of protective earth)

Conformity with Standards: EN 60335-1; CE

Approval: VDE

Application: Suitable for general ventilation, cabinet cooling, and various applications requiring efficient airflow in compact spaces.

Product Images









Scan for product details:

