

W2D200-HH04-07 ebmpapst 400V AC Axial Fan

SKU: W2D200-HH04-07

Price: \$468.73

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/w2d200-hh04-07-ebmpapst-400v-ac-axial-fan/>

Product Description

The ebmpapst W2D200-HH04-07 is a high-performance 3-phase AC Axial Fan with a 200mm impeller, powered by an M2D068-BC motor. It operates on a nominal voltage of 400V AC and supports dual frequencies of 50Hz and 60Hz. At 50Hz, the fan consumes 52W of power, draws 0.11A of current, and achieves a speed of 2500RPM. At 60Hz, its power consumption is 62W, current draw remains 0.11A, and the speed reaches 2650RPM. The fan weighs 2.1kg and features a painted black rotor surface and sheet steel blades, housed in a die-cast aluminum fan housing. It has 9 blades, an airflow direction of "V", and a counterclockwise direction of rotation when viewed towards the rotor. Equipped with ball bearings, it offers an IP44 degree of protection and belongs to Insulation Class "B" with an H0 moisture/environmental protection class (dry environment). It can operate in ambient temperatures from -25°C to 65°C (at 50Hz) or -25°C to 80°C (at 60Hz), and is transportable/storable between -40°C and +80°C. The fan conforms to EN 60335-1 and CE standards, with CCC and EAC approvals.

W2D200-HH04-07 Fan Parameters

Model: W2D200-HH04-07

Motor: M2D068-BC

Manufacturer: ebmpapst

Type: AC Axial Fan

Phase: 3~

Nominal Voltage: 400 V AC

Wiring: Y

Frequency: 50/60 Hz

Performance at 400 V AC, 50 Hz:

Speed: 2500 RPM

Power Consumption: 52 W

Current Draw: 0.11 A

Starting Current: 0.23 A

Performance at 400 V AC, 60 Hz:

Speed: 2650 RPM

Power Consumption: 62 W

Current Draw: 0.11 A

Starting Current: 0.22 A

Method of obtaining data: fa

Min. Ambient Temperature: -25 °C

Max. Ambient Temperature: 65 °C (at 50 Hz), 80 °C (at 60 Hz)

Weight: 2.1 kg

Dimensions: 200 mm (Fan size / Impeller Diameter)

Rotor Surface: Painted black

Blade Material: Sheet steel, painted black

Fan Housing Material: Die-cast aluminum

Number of Blades: 9

Airflow Direction: "V"

Direction of Rotation: Counterclockwise, viewed toward rotor

Motor Bearing: Ball bearing

Degree of Protection: IP44; installation- and position-dependent

Insulation Class: "B"

Moisture / Environmental (H) Protection Class: H0 - dry environment

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

Mode: S1

Touch Current acc. IEC 60990: < 0.75 mA

With Cable: Axial

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

Conformity with Standards: EN 60335-1; CE

Approval: CCC; EAC

Application: HVAC systems, air handling units, industrial ventilation, cleanroom technology, and electronic cabinet cooling.

Product Images







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