

W2D300-CP02-31 ebmpapst 230V/400V AC Centrifugal Fan

SKU: W2D300-CP02-31

Price: \$444.06

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/w2d300-cp02-31-ebmpapst-230v-400v-ac-centrifugal-fan/>

Product Description

The ebmpapst W2D300-CP02-31 is an AC Centrifugal Fan measuring 300 mm. It operates as a 3-phase fan at 50Hz, offering two nominal voltage configurations: 230V with a Delta (D) connection, drawing 0.62A current, consuming 210W power, and reaching 2580RPM; and 400V with a Star (Y) connection, drawing 0.36A current, consuming 210W power, and reaching 2580RPM. Both configurations provide a maximum back pressure of 200 Pa. This fan features 5 coated black sheet steel blades, a coated black rotor surface, a sheet steel, pre-galvanized and coated in black plastic wall ring, and a steel, phosphated and coated in black plastic guard grille. It uses a reliable ball bearing system and has an IP44 degree of protection. Electrical connection is via a variable cable exit, with an option for a terminal box. Motor protection includes an internally connected thermal overload protector (TOP). It weighs 5.3 kg and is suitable for ambient temperatures up to 55°C. It conforms to EN 60335-1 standard and holds CCC approval.

W2D300-CP02-31 Fan Parameters

Model: W2D300-CP02-31

Manufacturer: ebmpapst

Type: AC Centrifugal Fan

Motor: M2D074-DF

Phase: 3~

Nominal Voltage: 230 V / 400 V

Connection: D / Y

Frequency: 50 Hz

Speed: 2580 RPM

Power Input: 210 W

Current Draw: 0.62 A (230V) / 0.36 A (400V)

Max. Back Pressure: 200 Pa

Max. Ambient Temperature: 55 °C

Weight: 5.3 kg

Size: 300 mm

Leakage Current: < 0.75 mA

Operation Mode: S1

Direction of Rotation: Clockwise, seen on rotor

Mounting Position: Shaft horizontal or rotor on bottom; rotor on top on request

Humidity Class: F1-2

Direction of Air Flow: A

Insulation Class: "B"

Cable Exit: Variable

Condensate Discharge Holes: Rotor-side

Motor Bearing: Ball bearing

Material of Blades: Sheet steel, coated in black

Material of Guard Grille: Steel, phosphated and coated in black plastic

Material of Wall Ring: Sheet steel, pre-galvanized and coated in black plastic

Surface of Rotor: Coated in black

Number of Blades: 5

Degree of Protection: IP 44

Protection Class: I

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

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

Product Conforming to Standard: EN 60335-1

Approval: CCC

Option: With terminal box

Application: Ideal for use in large-scale air handling units, ventilation systems, and industrial applications requiring robust air movement and multi-voltage compatibility.

Product Images







Scan for product details:

