

W2D300-CP02-30 ebmpapst 230/400V AC Axial Fan

SKU: W2D300-CP02-30

Price: \$444.06

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/w2d300-cp02-30-ebmpapst-230-400v-ac-axial-fan/>

Product Description

The ebmpapst W2D300-CP02-30 is a powerful 3-phase AC Axial Fan with sickled blades (S series) and a full round nozzle, measuring 300mm. It operates at a frequency of 50Hz, supporting two nominal voltage configurations: 230V AC (D connection) and 400V AC (Y connection). At both 230V and 400V, the fan achieves a speed of 2580 RPM and has a power input of 210W, generating a maximum back pressure of 200Pa. The current draw is 0.62A at 230V and 0.36A at 400V. This fan weighs 5.2kg and features blades made of sheet steel coated in black, a guard grille of steel phosphated and coated in black plastic, and a wall ring of pre-galvanized steel coated in black plastic. It has 5 blades, a coated black rotor surface, and is equipped with ball bearings. The fan offers an IP44 type of protection, Insulation Class "B", and operates in ambient temperatures up to 55°C. It conforms to EN 60335-1 standard and holds CCC and GOST approvals.

W2D300-CP02-30 Fan Parameters

Model: W2D300-CP02-30

Motor: M2D074-DF

Manufacturer: ebmpapst

Type: AC Axial Fan (Sickled blades (S series) with full round nozzle)

Phase: 3~

Nominal Voltage: 230 V AC / 400 V AC

Connection: D (for 230V), Y (for 400V)

Frequency: 50 Hz

Type of data definition: rfa

Performance at 230 V AC, 50 Hz:

Speed: 2580 RPM

Power Input: 210 W

Current Draw: 0.62 A

Max. Back Pressure: 200 Pa

Performance at 400 V AC, 50 Hz:

Speed: 2580 RPM

Power Input: 210 W

Current Draw: 0.36 A

Max. Back Pressure: 200 Pa

Leakage Current: < 0.75 mA

Dimensions: 300 mm (Size)

Operation Mode: S1

Direction of Rotation: Counter-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: "V"

Insulation Class: "B"

Cable Exit: Variable

Condensate Discharge Holes: Rotor-side

Bearing Motor: 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

Type of Protection: IP44

Protection Class: I

Max. Permissible Ambient Motor Temp. (transp./storage): +80 °C

Min. Permissible Ambient Motor Temp. (transp./storage): -40 °C

Approval: CCC; GOST

Product Conforming to Standard: EN 60335-1

Max. Ambient Temperature: 55 °C

Weight: 5.2 kg

Application: Ideal for robust ventilation solutions, industrial air conditioning, heating applications, and general air handling units requiring high airflow and pressure.

Product Images







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