

D2D160-CE02-11 ebmpapst 230/400V 160mm AC Centrifugal Fan

SKU: D2D160-CE02-11

Price: \$534.26

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/d2d160-ce02-11-ebmpapst-230-400v-160mm-ac-centrifugal-fan/>

Product Description

The ebmpapst D2D160-CE02-11 is a high-performance 400VAC three-phase AC Centrifugal Blower with a dual-inlet design, including a housing and mounting bracket, with an impeller diameter of 160 mm. Specifically engineered for mission-critical cooling in industrial frequency converters and heavy-duty ventilation, this unit features overall dimensions of 332 x 250.4 x 257 mm. Driven by the M2D074-LA external rotor motor with maintenance-free ball bearings, it operates on a 400 VAC supply (Y connection), delivering a Max. Power Consumption of 700 W (50 Hz) / 1055 W (60 Hz) and a Max. Current Draw of 1.1 A / 1.63 A at a rated speed up to 2960 RPM. This high-performance unit provides a Max. Static Pressure of 57.10 mmH₂O (560.0 Pa / 2.25 inAq) and achieves an overall efficiency (η_{es}) of 35.9% according to ErP 2015 standards. Featuring a rugged galvanized sheet steel housing and impeller with a black painted rotor surface, this 160 mm unit ensures superior thermal management with IP00 protection and an extended service life in continuous S1 environments at the end.

D2D160-CE02-11 Fan Parameters

Model Number: D2D160-CE02-11

Motor Model: M2D074-LA

Manufacturer: ebmpapst

Type: AC Centrifugal Fan (Forward-curved, dual-intake)

Size: 160 mm

Dimensions: 332 x 250.4 x 257 mm

Weight: 11.1 kg

Bearing Type: Ball bearing

Nominal Voltage: 230 / 230 / 400 / 400 VAC

Phase: 3~

Wiring: $\Delta / \Delta / Y / Y$

Frequency: 50 / 60 / 50 / 60 Hz

Method of Obtaining Data: ml (Max. load)

Current Draw: 1.9 / 2.82 / 1.1 / 1.63 A

Power Consumption: 700 / 1055 / 700 / 1055 W

Rated Speed: 2700 / 2960 / 2700 / 2960 RPM

Min. Back Pressure: 460 / 560 / 460 / 560 Pa

Max. Static Pressure: 46.91 / 57.10 mmH₂O (460.0 / 560.0 Pa / 1.85 / 2.25 inAq)

Overall Efficiency (η_{es}): 35.9%

Efficiency Category: Static

Efficiency Grade N: 44

Working Air Flow (ErP): 1205 m³/h

Static Pressure Increase (ErP): 551 Pa

Starting Current: 9.25 / 9.6 / 5.34 / 5.54 A

Motor Suspension: Motor vibration-damped on both sides

Touch Current: < 0.75 mA Motor Protection: Thermal overload protector (TOP) with basic

insulation Insulation Class: "F" Degree of Protection: IP00 Protection Class: I Moisture (F) /

Environmental (H) class: H1 Impeller Material: Sheet steel, galvanized Housing Material: Sheet

steel, galvanized Guard Grille Material: Steel, coated with gray plastic (RAL 9006) Rotor

Surface: Painted black Electrical Hookup: With plug Direction of Rotation: Counterclockwise,

viewed toward rotor Installation Position: Any Mode: S1 Max. Ambient Temperature: 90 / 50 / 90

/ 50 °C Min. Ambient Temperature: -25 °C Max. Permitted Ambient Temp. (Motor): +80 °C Min.

Permitted Ambient Temp. (Motor): -40 °C Standard Compliance: EN 60335-1; CE Approval:

CCC; CSA C22.2 No. 100; UL 1004-1 Application The ebmpapst D2D160-CE02-11 fan is the

primary cooling component for high-power industrial frequency converters, large-scale cabinet

ventilation, and air handling units requiring high-volume 400V three-phase airflow from a dual-

inlet blower with mounting brackets.

Product Images









Scan for product details:

