

D2D160-CE02-16 ebm-papst 230/400VAC 160mm Centrifugal Blower Datasheet



Brand: ebmpapst

SKU: 799099513954

Category: Axial & Centrifugal Fans

Price: **\$1,535.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/d2d160-ce02-16-ebm-papst-230-400vac-160mm-centrifugal-blower>

Product Description

The ebm-papst D2D160-CE02-16 is a robust dual-inlet Centrifugal Blower engineered for demanding industrial ventilation requirements. Driven by a highly efficient M2D074-DF AC external rotor motor, this unit features a forward-curved impeller design optimized for high aerodynamic throughput and minimal acoustic resonance. The assembly is housed within a hot-dip galvanized sheet steel casing, ensuring superior structural rigidity and corrosion resistance in harsh environments. Utilizing precision ball bearings, the motor delivers consistent rotational stability while managing thermal impedance effectively through Class F insulation. This 3-phase blower is designed for continuous operation, offering reliable performance with integrated thermal overload protection.

Model Number: D2D160-CE02-16

Brand: ebm-papst

Product Type: Dual Inlet Centrifugal Blower

Motor Type: AC External Rotor (M2D074-DF)

Rated Voltage: 230 / 400 VAC (3-Phase)

Frequency: 50 / 60 Hz

Rated Power: 165 W (50Hz) / 225 W (60Hz)

Rated Current: 0.52 A (50Hz) / 0.46 A (60Hz)

Rated Speed: 1950 RPM (50Hz) / 2150 RPM (60Hz)

Max. Air Flow: 682.7 CFM (1160 m³/h)

Max. Static Pressure: 1.20 inH₂O (300 Pa)

Bearing Type: Ball Bearing

Impeller Diameter: 160 mm

Housing Material: Sheet steel, hot-dip galvanized

Impeller Material: Sheet steel, hot-dip galvanized

Weight: 5.0 kg

Ingress Protection: IP44

Insulation Class: F

Motor Protection: Thermal overload protector (TOP) wired internally

Operating Temperature: -25 to +85 °C

Mounting Orientation: Any

Compliance: CE, CCC

The D2D160-CE02-16 is frequently integrated into large-scale air handling units and industrial cabinet cooling systems where high-volume airflow is critical. Its robust galvanized construction makes the D2D160-CE02-16 ideal for clean room technology, filtration systems, and commercial HVAC applications requiring durable, continuous-duty air movement solutions.

Supplemental Images
