

D2D133-AB06-31 ebmpapst 400V 133mm AC Centrifugal Fan

SKU: D2D133-AB06-31

Price: \$865.66

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/d2d133-ab06-31-ebmpapst-400v-133mm-ac-centrifugal-fan/>

Product Description

The ebmpapst D2D133-AB06-31 is a high-performance 400VAC three-phase AC Centrifugal Blower featuring a forward-curved dual-inlet design with a flanged housing and an Impeller Size of 133 mm. Specifically engineered for mission-critical cooling in industrial ventilation and cabinet cooling, this unit features overall Dimensions of 258 x 172 x 180 mm. Driven by the M2D068-DF external rotor motor with maintenance-free ball bearings, it operates on a 400 VAC supply (Y connection) with a Nominal Voltage Range of 360 - 480 VAC, delivering a Power Input of 120 W (50 Hz) / 165 W (60 Hz) and a Current Draw of 0.2 A / 0.25 A at a rated speed up to 2600 RPM under customer specification conditions. This 133 mm unit ensures superior thermal management with IP44 protection and an extended service life in continuous S1 environments at the end. The rugged design features a hot-galvanized sheet steel impeller and housing, complemented by a phosphated steel guard grille plastic-coated in white aluminium.

D2D133-AB06-31 Fan Parameters

Model Number: D2D133-AB06-31

Motor Model: M2D068-DF

Manufacturer: ebmpapst

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

Impeller Size: 133 mm

Dimensions: 258 x 172 x 180 mm

Weight: 3.9 kg

Bearing Type: Ball bearing

Nominal Voltage: 400 VAC

Nominal Voltage Range: 360 - 480 / 360 - 480 VAC

Phase: 3~

Connection: Y / Y

Frequency: 50 / 60 Hz

Type of Data Definition: cs (Customer specification)

Valid for Approval/Standard: CE / CE

Current Draw: 0.2 / 0.25 A

Power Input: 120 / 165 W

Rated Speed: 2500 / 2600 RPM

Min. Back Pressure: 250 / 275 Pa

Impeller Material: Sheet steel, hot-galvanised

Housing Material: Sheet steel, hot-galvanised

Guard Grille Material: Steel, phosphated and plastic-coated in white aluminium (RAL 9006)

Direction of Rotation: Counter-clockwise (viewed toward rotor)

Touch Current: < 0.75 mA

Motor Protection: Thermal overload protector (TOP) not factory-installed

Insulation Class: "F"

Degree of Protection: IP44

Humidity Class: F1-1

Installation Position: Any

Condensate Discharge Holes: None

Operation Mode: S1

Protection Class: I

Cable Exit: Axial

Max. Storage Temperature: +80 °C

Min. Storage Temperature: -40 °C

Min. Ambient Temperature: -25 / -25 °C

Standard Compliance: EN 60335-1; CE

Approval: EAC; UL 1004-1; CSA C22.2 Nr. 100

Application

The ebmpapst D2D133-AB06-31 fan is the primary cooling component for industrial ventilation systems, cleanroom modules, and electronic cabinet cooling requiring 400V three-phase AC centrifugal airflow with a flanged housing.

Product Images









Scan for product details:

