

D2E133-DM47-23 ebmpapst 230V133mm AC Centrifugal Blower

SKU: D2E133-DM47-23

Price: \$378.41

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/d2e133-dm47-23-ebmpapst-230v133mm-ac-centrifugal-blower/>

Product Description

The ebmpapst D2E133-DM47-23 is a high-performance 230VAC single-phase AC Centrifugal Blower featuring a dual-intake design with forward-curved impellers and a flanged housing. Driven by the M2E068-DF external rotor motor with maintenance-free ball bearings and a 3 μ F / 450 VDB capacitor, this 133 mm impeller size blower is specifically engineered for mission-critical industrial cabinet ventilation, residential heat recovery systems, and air purification. Operating on a 230 VAC supply, it delivers a Power Consumption of 175 W / 185 W and a Current Draw of 0.78 A / 0.82 A at rated speeds of 1650 / 2200 RPM. Featuring rugged hot-dip galvanized sheet steel construction and a motor mounted via side brackets, it ensures superior aerodynamic efficiency, durability, and reliable continuous S1 operation in dry environments at the end.

D2E133-DM47-23 Fan Parameters

Model Number: D2E133-DM47-23

Motor Model: M2E068-DF

Manufacturer: ebmpapst

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

Impeller Size: 133 mm

Weight: 4.0 kg

Bearing Type: Ball bearing

Nominal Voltage: 230 VAC

Phase: 1~

Frequency: 50 / 60 Hz

Method of Obtaining Data: ml (Max. load)

Current Draw: 0.78 / 0.82 A

Power Consumption: 175 / 185 W

Rated Speed: 1650 / 2200 RPM

Max. Air Flow: 423.8 / 488.5 CFM (720.0 / 830.0 m³/h / 12.00 / 13.83 m³/min)

Min. Back Pressure: 10.20 / 25.49 mmH₂O (100.0 / 250.0 Pa / 0.40 / 1.00 inAq)

Capacitor: 3.0 μF / 450 VDB

Housing Material: Sheet steel, hot-dip galvanized

Impeller Material: Sheet steel, hot-dip galvanized

Rotor Surface: Partly cast in aluminum

Direction of Rotation: Clockwise (viewed toward rotor)

Motor Suspension: Motor mounted with brackets on one side

Insulation Class: "B"

Degree of Protection: IP44; installation- and position-dependent

Moisture (F) / Environmental (H) Protection Class: H0 - dry environment

Touch Current: < 0.75 mA (acc. IEC 60990, Fig. 4, TN system)

Motor Protection: Thermal overload protector (TOP) internally connected

Condensation Drainage Holes: None

Cable Exit: Axial

Installation Position: Any

Mode: S1 (Continuous operation)

Protection Class: I (with customer connection of protective earth)

Max. Ambient Temperature: 40 / 40 °C

Min. Ambient Temperature: -25 °C

Max. Storage Temperature: +80 °C

Min. Storage Temperature: -40 °C

Standard Compliance: EN 60335-1; CE

Approval: CCC; EAC

Application

The ebmpapst D2E133-DM47-23 blower is the primary air-moving solution for industrial cabinet ventilation, residential heat recovery systems, and air purification units requiring high-pressure 230V single-phase centrifugal airflow with a flanged 133mm housing.

Product Images









Scan for product details:

