

D2E133-AM47-23 ebmpapst 230V 133mm AC Centrifugal Blower

SKU: D2E133-AM47-23

Price: \$398.26

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/d2e133-am47-23-ebmpapst-230v-133mm-ac-centrifugal-blower/>

Product Description

The ebmpapst D2E133-AM47-23 is a high-performance 230VAC single-phase AC Centrifugal Blower featuring a dual-inlet 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 cleanroom air filtration. Operating on a 230 VAC supply, it delivers a Power Input of 190 W (50 Hz) / 200 W (60 Hz) and a Current Draw of 0.84 A / 0.88 A at rated speeds of 1500 / 1800 RPM. Featuring rugged Sendzimir galvanized sheet steel construction and a motor mounted via side brackets, it ensures superior aerodynamic efficiency, durability, and reliable continuous S1 operation at the end.

D2E133-AM47-23 Fan Parameters

Model Number: D2E133-AM47-23

Motor Model: M2E068-DF

Manufacturer: ebmpapst

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

Impeller Size: 133 mm

Dimensions: 254 x 198 x 171.5 mm

Weight: 3.5 kg

Bearing Type: Ball bearing

Nominal Voltage: 230 VAC

Phase: 1~

Frequency: 50 / 60 Hz

Method of Obtaining Data: rfa / ml

Current Draw: 0.84 / 0.88 A

Power Input: 190 / 200 W

Rated Speed: 1500 / 1800 RPM

Max. Air Flow: 382.6 / 382.6 CFM (650.0 / 650.0 m³/h / 10.83 / 10.83 m³/min)

Min. Back Pressure: 0.00 / 10.20 mmH₂O (0.0 / 100.0 Pa / 0.00 / 0.40 inAq)

Capacitor: 3.0 µF / 450 VDB

Housing Material: Sendzimir galvanized sheet steel

Impeller Material: Sendzimir galvanized sheet steel

Rotor Surface: Partially cast in aluminium

Direction of Rotation: Clockwise (viewed toward rotor)

Motor Suspension: Motor mounted via brackets on one side

Insulation Class: "B"

Degree of Protection: IP44

Humidity Class: F0

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

Motor Protection: Thermal overload protector (TOP) wired internally

Condensate Discharge Holes: None

Cable Exit: Axial

Installation Position: Any

Mode: S1 (Continuous operation)

Protection Class: I

Max. Ambient Temperature: 35 / 25 °C

Min. Ambient Temperature: -25 °C

Max. Storage Temperature: +80 °C

Min. Storage Temperature: -40 °C

Standard Compliance: EN 60335-1; CE

Approval: CCC; GOST

Application

The ebmpapst D2E133-AM47-23 blower is the primary air-moving solution for industrial cabinet ventilation, residential heat recovery systems, and cleanroom air filtration requiring reliable 230V single-phase centrifugal airflow with a flanged 133mm housing.

Product Images









Scan for product details:

