

D2E133-AM47-01 ebmpapst 230V AC Centrifugal Fan 170mm

SKU: D2E133-AM47-01

Price: \$217.07

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/d2e133-am47-01-ebmpapst-230v-ac-centrifugal-fan-170mm/>

Product Description

The ebmpapst D2E133-AM47-01 is an AC Centrifugal Fan (Forward Curved, Dual Inlet) with dimensions of 171 x 180 x 215 mm. It operates on a single-phase nominal voltage of 230 VAC at 50/60 Hz². At 50 Hz, the fan operates at a free air speed of 1500 RPM³, consuming 190 W of power⁴ and achieving a maximum air flow of 710 m³/h (418.8 CFM)⁵. At 60 Hz, the fan reaches 1800 RPM⁶ with a maximum power input of 200 W⁷ and draws a maximum current of 0.88 A⁸. It achieves a high maximum static pressure of 375 Pa (1.505 inAq)⁹. Featuring a hot-galvanised sheet steel casing and an IP44 protection rating¹⁰, this fan is a robust solution for high-volume, high-pressure industrial and air handling applications.

D2E133-AM47-01 Fan Parameters

Model: D2E133-AM47-01

Manufacturer: ebmpapst

Motor Model: M2E068-DF

Type: AC Centrifugal Fan (Forward Curved, Dual Inlet, With Housing)

Dimensions (Casing Measuring): 171 x 180 x 215 mm

Dimensions (Impeller Size): 133 mm

Nominal Voltage: 230 VAC

Voltage Type: 1~ AC

Frequency: 50/60 Hz

Speed (50 Hz, Free Air): 1500 RPM

Speed (60 Hz, Max Load): 1800 RPM

Power Consumption (50/60 Hz): 190/200 W

Current Draw (50/60 Hz): 0.84/0.88 A

Motor Capacitor: 3 µF (450 VDB)

Max. Airflow: 710 m³/h (418.8 CFM)
Max. Static Pressure: 375 Pa (1.505 inAq)
Mass: 3.48 kg
Housing Material: Sheet steel, hot-galvanised
Impeller Material: Sheet steel, hot-galvanised
Bearing Type: Ball bearing
Degree of Protection: IP44
Protection Class: I
Insulation Class: B
Operation Mode: S1
Direction of Rotation: Clockwise, seen on rotor
Termination: 4 Wire Leads (PVC cable)
Motor Protection: Thermal overload protector (TOP) wired internally
Leakage Current: 0.75 mA
Max. Ambient Temperature (Operation): 35 °C
Min. Storage Temperature: -40 °C
Max. Storage Temperature: 80 °C
Approvals: CE, CCC

Application

The ebmpapst D2E133-AM47-01 fan is optimized for forced air circulation in high-resistance systems. Primary applications for the D2E133-AM47-01 include air handling units, centralized climate control systems, industrial drying equipment, and other systems where high pressure development, robust construction, and AC operation are critical requirements.

Product Images









Scan for product details:

