

G2E133-DN77-01 ebmpapst 230V 133mm AC Centrifugal Blower

SKU: G2E133-DN77-01

Price: \$359.12

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/g2e133-dn77-01-ebmpapst-230v-133mm-ac-centrifugal-blower/>

Product Description

The ebmpapst G2E133-DN77-01 is a high-performance 230VAC single-phase AC Centrifugal Blower, featuring forward-curved impellers within a galvanized sheet steel housing without a flange. Driven by the M2E068-BF motor with integrated thermal overload protection (TOP), this 133 mm impeller size blower is specifically engineered for high-static pressure applications in residential ventilation, laboratory extraction, and industrial cooling. Operating on a 230 VAC supply, it delivers a Power Consumption of 88 W / 110 W and a Current Draw of 0.39 A / 0.49 A at rated speeds of 2150 / 2100 RPM. Featuring a galvanized sheet steel impeller, an unpainted rotor surface, and a 2.0 μ F / 450 VDB capacitor system, it ensures superior aerodynamic efficiency and reliable continuous S1 operation in demanding environments at the end.

G2E133-DN77-01 Fan Parameters

Model Number: G2E133-DN77-01

Motor Model: M2E068-BF

Manufacturer: ebmpapst

Type: AC Centrifugal Fan - Forward-curved, single-intake with housing (without flange)

Impeller Size: 133 mm

Dimensions: 171 x 180 x 81 mm

Weight: 1.9 kg

Bearing Type: Ball bearing

Nominal Voltage: 230 VAC

Phase: 1~

Frequency: 50 / 60 Hz

Method of Obtaining Data: fa (Free air)

Current Draw: 0.39 / 0.49 A

Power Consumption: 88 / 110 W

Rated Speed: 2150 / 2100 RPM

Max. Air Flow: 147.1 CFM (250.0 m³/h / 4.17 m³/min)

Max. Static Pressure: 17.34 mmH₂O (170.0 Pa / 0.68 inAq)

Capacitor: 2.0 μF / 450 VDB

Impeller Material: Sheet steel, galvanized

Housing Material: Sheet steel, galvanized

Rotor Surface: Unpainted

Direction of Rotation: Clockwise (viewed toward rotor)

Insulation Class: "B"

Degree of Protection: IP44

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

Installation Position: Any

Mode: S1 (Continuous operation)

Protection Class: I (if protective earth is connected)

Max. Ambient Temperature: 55 / 50 °C

Min. Ambient Temperature: -25 °C

Standard Compliance: EN 60335-1; CE

Approval: CCC; EAC

Application

The ebmpapst G2E133-DN77-01 centrifugal blower is the primary air-moving solution for localized extraction systems, high-static residential ventilation, and precision industrial cooling requiring stable 230V AC airflow in a 133mm non-flanged configuration.

Product Images









Scan for product details:

