

# D2E133-CI33-56 ebm-papst 230VAC 133mm Centrifugal Blower Datasheet



**Brand:** ebmpapst

**SKU:** [1004997129297](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$385.99**

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Product Page:

<https://www.equipspares.com/product/d2e133-ci33-56-ebm-papst-230vac-133mm-centrifugal-blower>

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## Product Description

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The ebm-papst D2E133-CI33-56 is a robust AC centrifugal blower designed for high-pressure industrial applications requiring consistent airflow delivery. Engineered with a double-inlet configuration, this unit utilizes an external rotor motor (M2E068-EC) integrated directly into the impeller, optimizing thermal impedance and structural rigidity. The assembly features a galvanized sheet steel scroll housing and impeller, ensuring durability in demanding environments. Operating on a standard 230VAC supply, the motor employs maintenance-free ball bearings and includes an internally wired thermal overload protector to prevent overheating. Its aerodynamic profile minimizes turbulence while maximizing static pressure capabilities, making it suitable for continuous duty cycles in thermal management systems.

Model Number: D2E133-CI33-56

Brand: ebm-papst

Product Type: AC Centrifugal Blower (Double Inlet)

Motor Type: M2E068-EC (External Rotor)

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Rated Current: 0.77 A (50Hz) / 0.84 A (60Hz)

Power Consumption: 175 W (50Hz) / 190 W (60Hz)

Rated Speed: 1700 RPM (50Hz) / 2100 RPM (60Hz)

Capacitor: 4  $\mu$ F / 400 VDB

Max. Air Flow: 420.8 CFM (715 m<sup>3</sup>/h / 11.91 m<sup>3</sup>/min)

Max. Static Pressure: 1.40 inH<sub>2</sub>O (350 Pa / 35.69 mmH<sub>2</sub>O)

Bearing Type: Ball Bearing

Impeller Diameter: 133 mm

Housing Material: Galvanized Sheet Steel

Impeller Material: Sheet Steel, Hot-dip Galvanized

Insulation Class: B

Motor Protection: Thermal Overload Protector (TOP) wired internally

Operating Temperature: -25°C to +50°C

Mounting Orientation: Any

Weight: 3.5 kg

Phase: Single Phase

Ingress Protection: IP44

Compliance: CE, CCC

The D2E133-CI33-56 is engineered for critical ventilation tasks within industrial automation and HVAC systems where space constraints and high static pressure requirements intersect. Common deployments include cooling frequency converters, electronics cabinet ventilation, and air handling units in cleanroom environments. The D2E133-CI33-56 is also frequently utilized in commercial kitchen extraction systems and specialized drying equipment. Its robust steel construction allows it to withstand the mechanical stresses of continuous operation in manufacturing facilities, ensuring reliable thermal regulation for sensitive components.

## Supplemental Images

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