

D2E146-HT67-02 ebm-papst 230VAC 146mm Centrifugal Blower Datasheet



Brand: ebmpapst

SKU: 705704140176

Category: Axial & Centrifugal Fans

Price: \$720.99

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

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Product Description

The ebm-papst D2E146-HT67-02 is a robust double inlet centrifugal blower engineered for high-pressure industrial ventilation and thermal management. Featuring an advanced AC external rotor motor (M2E068 series), this unit optimizes aerodynamic efficiency through its forward-curved impeller design, significantly reducing turbulence and noise generation while maximizing air throughput. The construction utilizes heavy-gauge galvanized sheet steel for both the scroll housing and impeller, ensuring exceptional structural rigidity and corrosion resistance in demanding environments. Equipped with precision maintenance-free ball bearings, the motor delivers reliable continuous operation with minimal thermal impedance. Integrated thermal overload protection safeguards the winding assembly, making this blower a critical component for systems requiring consistent air delivery and long-term durability under variable load conditions.

Model Number: D2E146-HT67-02

Brand: ebm-papst

Product Type: Double Inlet Centrifugal Blower (with Housing)

Motor Type: AC External Rotor Motor (M2E068-EC)

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Rated Current: 1.51 / 1.75 A

Power Consumption: 355 / 400 W

Rated Speed: 1850 / 2100 RPM

Max. Air Flow: 665 CFM (1130 m³/h)

Max. Static Pressure: 1.80 inH₂O (450 Pa)

Impeller Diameter: 146 mm

Bearing Type: Maintenance-free Ball Bearings

Motor Capacitor: 10 µF / 400 VDB

Housing Material: Sheet steel, hot-galvanized

Impeller Material: Sheet steel, hot-galvanized

Direction of Rotation: Counter-clockwise (seen on rotor)

Insulation Class: Class B

Motor Protection: Thermal Overload Protector (TOP) wired internally

Operating Temperature: -25 °C to +55 °C

Mounting Orientation: Any

Weight: 6.8 kg

Ingress Protection: IP20

Compliance: CE, CCC

This centrifugal blower is extensively utilized in industrial air handling units, clean room technology, and electronic cabinet cooling systems where high static pressure is required. The D2E146-HT67-02 excels in heat exchanger applications and duct-connected ventilation setups, providing consistent airflow to manage thermal loads effectively. Additionally, the D2E146-HT67-02 is frequently integrated into commercial range hoods, pharmaceutical equipment, and server rack cooling assemblies, ensuring reliable air extraction and circulation essential for maintaining operational standards in sensitive environments.

Supplemental Images

