

# D2E146-HR93-01 ebmpapst 230VAC 146mm Centrifugal Blower Datasheet



**Brand:** ebmpapst

**SKU:** 993298722237

**Category:** Axial & Centrifugal Fans

**Price:** **\$214.99**

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**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

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

Product Page:

<https://www.equipspares.com/product/d2e146-hr93-01-ebmpapst-230vac-146mm-centrifugal-blower>

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## Product Description

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The ebmpapst D2E146-HR93-01 is a high-efficiency AC centrifugal blower engineered for rigorous industrial thermal management applications. Featuring an advanced external rotor motor design, this unit delivers optimal aerodynamic performance with a compact structural footprint. The system utilizes precision ball bearings to ensure rotational stability and extended service life under continuous operation, significantly reducing thermal impedance. Its double-inlet forward-curved impeller design facilitates superior airflow volume, effectively overcoming high system static pressure. The motor assembly is constructed with robust insulation and thermal protection, ensuring reliability in demanding environments requiring consistent air throughput and structural rigidity.

Model Number: D2E146-HR93-01

Brand: ebmpapst

Product Type: AC Centrifugal Blower (Double Inlet)

Rated Voltage: 230VAC

Frequency: 50 / 60 Hz

Rated Current: 0.66 / 0.73 A

Power Consumption: 150 / 165 W

Rated Speed: 1050 / 1750 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 435 CFM (740 m<sup>3</sup>/h)

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

Impeller Diameter: 146mm

Motor Type: M2E068-DF External Rotor

Housing Material: Galvanized Sheet Steel

Impeller Material: Galvanized Sheet Steel

Ingress Protection: IP44

Insulation Class: F

Operating Temperature: -25°C to +55°C

Mounting Orientation: Any

Phase: Single Phase

Capacitor: Required (typically 4μF)

Termination: Lead Wires

Weight: 3.5 kg

The D2E146-HR93-01 is specifically designed for integration into industrial ventilation systems, including control cabinet cooling modules and electronic component heat dissipation units. This blower is frequently utilized in commercial range hoods, clean room filtration systems, and duct-based air handling equipment where reliable back-pressure performance is critical. The robust construction of the D2E146-HR93-01 ensures consistent operation in machinery exhaust and automation cooling scenarios.

## Supplemental Images

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