

D2D146-AA02-22 ebm-papst 230/400VAC 146mm Centrifugal Blower Datasheet



Brand: ebmpapst

SKU: 765949692557

Category: Axial & Centrifugal Fans

Price: **\$1,285.29**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/d2d146-aa02-22-ebm-papst-230-400vac-146mm-centrifugal-blower>

Product Description

The ebm-papst D2D146-AA02-22 is a robust double inlet centrifugal blower engineered for demanding industrial ventilation requirements. Utilizing advanced 3-phase AC motor technology, this unit delivers exceptional aerodynamic efficiency while maintaining low thermal impedance under continuous load. The assembly features a precision-balanced 146mm impeller housed within a rugged galvanized sheet steel scroll, ensuring superior structural rigidity and vibration damping. Equipped with maintenance-free ball bearings, the D2D146-AA02-22 guarantees long service life and reliable operation in harsh environments, making it an ideal solution for systems requiring high static pressure and consistent airflow delivery.

Model Number: D2D146-AA02-22

Brand: ebm-papst

Product Type: Double Inlet Centrifugal Blower

Motor Type: M2D068-DF

Rated Voltage: 230 / 400 VAC

Frequency: 50 / 60 Hz

Phase: 3-Phase

Power Input: 190 W

Rated Current: 0.56 / 0.32 A

Rated Speed: 2550 RPM

Max. Air Flow: 605 CFM (1030 m³/h)
Max. Static Pressure: 1.80 inH₂O (450 Pa)
Bearing Type: Ball Bearing
Impeller Diameter: 146 mm
Impeller Material: Sheet steel, galvanized
Housing Material: Sheet steel, galvanized
Direction of Rotation: Counter-clockwise (seen on rotor)
Insulation Class: F
Ingress Protection: IP44
Motor Suspension: Motor mounted on brackets
Mounting Orientation: Any
Operating Temperature: -25 °C to +60 °C
Weight: 4.2 kg
Termination: Terminal block
Compliance: CE, CCC

This centrifugal blower is specifically engineered for applications requiring substantial airflow in restricted spaces, such as central air handling units, clean room technology, and industrial process cooling. The D2D146-AA02-22 excels in electronics cabinet cooling and variable frequency drive (VFD) thermal management, where consistent pressure is critical. Additionally, the D2D146-AA02-22 is frequently utilized in commercial extraction systems and heat exchangers, providing reliable air movement for telecommunications infrastructure and large-scale server rack assemblies.