D2D146-BG03-14 ebm-papst 400VAC 146mm Centrifugal Blower Datasheet

Brand: ebmpapst

SKU: 958583575696

Category: Axial & Centrifugal Fans

Price: **$921.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/d2d146-bg03-14-ebm-papst-400vac-146mm-centrifugal-blower

Product Description

The ebm-papst D2D146-BG03-14 is a high-efficiency double-inlet Centrifugal Blower engineered for demanding industrial ventilation requirements. Utilizing advanced AC motor technology within the robust M2D068-DF motor frame, this unit features a forward-curved impeller design optimized for maximum aerodynamic throughput and minimal acoustic resonance. The housing and impeller are constructed from galvanized sheet steel, ensuring superior structural rigidity and corrosion resistance in harsh environments. Designed with precision ball bearings and Class F insulation, the D2D146-BG03-14 maintains optimal thermal impedance and operational stability under continuous load, making it a critical component for high-static pressure applications requiring reliable air movement.

Model Number: D2D146-BG03-14
Brand: ebm-papst
Product Type: Double Inlet AC Centrifugal Blower
Motor Type: M2D068-DF
Rated Voltage: 230 / 400 VAC
Phase: 3-Phase
Frequency: 50 / 60 Hz
Rated Speed: 1950 / 2150 RPM
Power Consumption: 155 / 160 W

Current Draw: 0.52 / 0.28 A
Max. Air Flow: 635.6 CFM (1080 m^3/h)
Max. Static Pressure: 1.20 inH_2O (300 Pa)
Impeller Diameter: 146 mm
Bearing Type: Ball Bearing
Weight: 9.26 lbs (4.2 kg)
Housing Material: Galvanized Sheet Steel
Impeller Material: Galvanized Sheet Steel
Insulation Class: F
Motor Protection: Thermal Overload Protector (TOP)
Operating Temperature: -25 °C to +50 °C
Mounting Orientation: Any
Compliance: CE
Direction of Rotation: Counter-clockwise seen on rotor

The D2D146-BG03-14 is extensively utilized in industrial air handling units, clean room filtration systems, and large-scale electronics cooling arrays where consistent airflow is paramount. Its robust steel construction makes it ideal for integration into commercial HVAC systems, frequency converter cooling, and specialized machinery ventilation. Engineers frequently specify the D2D146-BG03-14 for cabinet cooling in telecommunications infrastructure and heat dissipation in power inverters, ensuring critical components remain within safe thermal operating limits.

Supplemental Images