D2D160-BE02-14 ebm-papst 400VAC Dual Inlet Centrifugal Blower Datasheet

Brand: ebmpapst

SKU: 862894916218

Category: Axial & Centrifugal Fans

Price: **$1,234.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/d2d160-be02-14-ebm-papst-400vac-dual-inlet-centrifugal-blower

Product Description

The ebm-papst D2D160-BE02-14 is a Dual Inlet Centrifugal Blower designed for rigorous industrial thermal management and ventilation systems. It utilizes a robust 3-phase AC induction motor architecture coupled with precision-engineered maintenance-free ball bearings to ensure longevity under continuous operation. The unit features a forward-curved impeller housed within a galvanized sheet steel casing, optimizing aerodynamic efficiency while maintaining high structural rigidity. This specific design minimizes thermal impedance and vibration, making it highly effective for high-pressure ventilation requirements in complex machinery and frequency converter applications.

Model Number: D2D160-BE02-14
Brand: ebm-papst
Product Type: Dual Inlet Centrifugal Blower
Rated Voltage: 230 / 400 VAC (Delta / Star)
Frequency: 50 / 60 Hz
Phase: 3-Phase
Rated Current: 0.56 / 0.32 A
Power Input: 190 W
Rated Speed: 1850 RPM
Max. Air Flow: 682.7 CFM (1160 m^3/h)
Max. Static Pressure: 1.20 inH_2O (300 Pa)

Bearing Type: Ball Bearing
Impeller Diameter: 160 mm
Housing Material: Galvanized Sheet Steel
Impeller Material: Galvanized Sheet Steel
Motor Type: M2D074-EI
Insulation Class: F
Motor Protection: Thermal Overload Protector (TOP)
Operating Temperature: -25 °C to +60 °C
Mounting Orientation: Any
Weight: 6.0 kg
Compliance: CE, CCC

This blower is engineered for high-demand ventilation scenarios requiring substantial airflow and durability. The D2D160-BE02-14 is frequently integrated into large-scale frequency converters, inverter cooling systems, and industrial control cabinets where consistent thermal regulation is critical. Additionally, the D2D160-BE02-14 serves effectively in cleanroom technology and air filtration units, ensuring reliable cooling for sensitive electronic components in harsh industrial environments.

Supplemental Images