D1G160-DA-15 ebm-papst 48VDC 160mm IP42 Centrifugal Blower Datasheet

Brand: ebmpapst

SKU: 996544316949

Category: Axial & Centrifugal Fans

Price: **$914.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/d1g160-da-15-ebm-papst-48vdc-160mm-ip42-centrifugal-blower

Product Description

The ebm-papst D1G160-DA-15 is a high-efficiency dual-inlet centrifugal blower designed for demanding industrial ventilation tasks. Utilizing advanced EC external rotor motor technology, this unit delivers superior aerodynamic performance while maintaining a compact structural footprint. The blower is engineered with precision ball bearings that significantly reduce rotational friction and thermal impedance, ensuring an extended service life even under continuous operation. Its robust galvanized steel housing provides exceptional structural rigidity, while the IP42 ingress protection rating safeguards the internal components against solid foreign objects and moisture, making it an ideal solution for complex thermal regulation systems.

Model: D1G160-DA-15
Brand: ebm-papst
Product Type: Dual Inlet Centrifugal Blower
Rated Voltage: 48 VDC
Voltage Range: 36.0 - 57.0 VDC
Rated Current: 2.9 A
Power Consumption: 112 W
Rated Speed: 1250 RPM
Bearing Type: Ball Bearing
Ingress Protection: IP42

Impeller Diameter: 160 mm
Motor Technology: EC External Rotor
Housing Material: Galvanized Sheet Steel
Impeller Material: Sheet Steel, Hot-Galvanized
Direction of Rotation: Clockwise (Viewed toward rotor)
Insulation Class: B
Mounting Orientation: Any
Operating Temperature: -25 to +60 °C

The D1G160-DA-15 is specifically deployed in high-capacity cooling scenarios such as telecommunications base stations and large-scale data center server racks. Due to its ability to maintain airflow against high static pressure, the D1G160-DA-15 is also frequently utilized in industrial air filtration systems, railway vehicle ventilation, and precision electronics cabinet cooling, ensuring critical components remain within safe thermal limits.

Supplemental Images


ebmpapst
D1G160-DA33-15
ebm
48 V- (36-57 V-) DC
112W 1250 min⁻¹
25/18
Made in Germany
直流电动机
ebmpapst