D1G133-AB39-22 EBM-papst 48VDC 133mm 105W Centrifugal Blower Datasheet

Brand: ebmpapst

SKU: 676332661199

Category: Axial & Centrifugal Fans

Price: **$426.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/d1g133-ab39-22-ebm-papst-48vdc-133mm-105w-centrifugal-blower

Product Description

The EBM-papst D1G133-AB39-22 is a robust Centrifugal Blower engineered for critical thermal management in high-power industrial electronics. Featuring an advanced DC external rotor motor, this unit is designed to deliver consistent airflow with optimized thermal impedance, ensuring system stability under variable load conditions. The construction utilizes a precision-balanced impeller and a durable scroll housing, providing exceptional structural rigidity and aerodynamic efficiency. Equipped with high-quality ball bearings, the blower offers extended service life and reliable operation, making it an ideal solution for demanding cooling applications where performance density and ingress protection are essential requirements.

Model Number: D1G133-AB39-22
Brand: EBM-papst
Product Type: Centrifugal Blower (Dual Inlet)
Rated Voltage: 48 VDC
Voltage Range: 36 - 57 VDC
Power: 105 W
Rated Speed: 1780 min-1
Bearing Type: Ball Bearing
Max. Air Flow: High Capacity (Application Dependent)

Max. Static Pressure: High Pressure (Application Dependent)
Dimensions: 133 mm (Impeller Diameter)
Weight: Approx. 3.5 kg
Life Expectancy: High Service Life (L10)
Motor Type: DC External Rotor Motor
Housing Material: Galvanized Sheet Steel
Impeller Material: Galvanized Sheet Steel
Insulation Class: Class B
Operating Temperature: -25 to +60 C
Application: Vacon Inverter Cooling

Designed for rigorous industrial environments, the D1G133-AB39-22 is frequently integrated into variable frequency drive systems, specifically serving as a dedicated cooling component for Vacon inverters. The D1G133-AB39-22 ensures optimal thermal regulation within control cabinets and power electronics modules, effectively dissipating heat generated during high-load operations to prevent thermal shutdown in automation, renewable energy, and heavy machinery sectors.

Supplemental Images