DV6224/2-549 ebm-papst 24VDC 172mm Round 37W Axial Fan Datasheet

Brand: ebmpapst

SKU: 751521969955

Category: Axial & Centrifugal Fans

Price: **$91.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/dv6224-2-549-ebm-papst-24vdc-172mm-round-37w-axial-fan

Product Description

The ebm-papst DV6224/2-549 is a high-capacity DC Axial Fan engineered for demanding industrial thermal management and power electronics cooling. Featuring a robust die-cast aluminum housing and a fiberglass-reinforced plastic impeller, this unit ensures structural rigidity under high static pressure conditions. The motor utilizes advanced commutation electronics and maintenance-free ball bearings to minimize thermal impedance and extend operational service life. Designed with a 172mm round profile, it delivers substantial airflow efficiency, making it an optimal solution for high-density electronic cooling and inverter applications requiring reliable heat dissipation.

Model Number: DV6224/2-549
Brand: ebm-papst
Product Type: DC Axial Fan
Rated Voltage: 24 VDC
Voltage Range: 16.0 - 28.0 VDC
Rated Current: 1.625 A
Power Consumption: 37 W
Dimensions: 172 mm (Diameter) x 51 mm (Depth)
Bearing Type: Ball Bearing
Housing Material: Die-cast Aluminum
Impeller Material: PA Plastic (Fiberglass Reinforced)

Termination: 2-Wire Lead
Operating Temperature: -20°C to +75°C
Motor Type: DC Brushless
Application: Inverter Cooling (Siemens/ABB)
Weight: Approx. 0.82 kg
Mounting: Flange Mount
Direction of Rotation: Counter-clockwise viewed toward rotor

The DV6224/2-549 is specifically calibrated for high-load industrial environments, serving as a critical cooling component in variable frequency drives and heavy-duty power inverters. Frequently utilized within Siemens and ABB inverter systems, the DV6224/2-549 maintains optimal operating temperatures in server cabinets, telecommunications infrastructure, and CNC machinery. Its high-pressure capabilities allow it to overcome the resistance of dense filter mats and tightly packed electronic components, ensuring continuous operation in automation control panels and renewable energy power converters.

Supplemental Images