DBPD1438B8UY006 AVC 54VDC 140x140x38mm PWM Axial Fan Datasheet

Brand: AVC

SKU: 936717804008

Category: Axial & Centrifugal Fans

Price: **$17.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/dbpd1438b8uy006-avc-54vdc-140x140x38mm-pwm-axial-fan

Product Description

The AVC DBPD1438B8UY006 is a high-performance DC Axial Fan engineered for extreme industrial cooling requirements. Featuring a robust aluminum alloy frame, this unit offers superior structural rigidity and thermal dissipation properties under high-load conditions. The motor assembly utilizes a precision Dual Ball Bearing architecture, ensuring longevity and stability even at elevated rotational speeds. Designed with a 4-wire PWM control interface, it allows for dynamic speed modulation based on thermal impedance, optimizing energy efficiency while delivering massive airflow. This 54VDC unit is specifically calibrated for high-static pressure environments, making it an ideal solution for critical thermal management systems requiring substantial air exchange rates.

Model Number: DBPD1438B8UY006
Brand: AVC
Product Type: DC Axial Fan
Rated Voltage: 54VDC
Rated Current: 5.7 A
Power: 307.8 W
Dimensions: 140 x 140 x 38 mm
Bearing Type: Dual Ball Bearing
Frame Material: Aluminum Alloy
Speed Control: 4-Wire PWM

Max. Air Flow: High Capacity (Violence Fan Class)
Max. Static Pressure: High Static Pressure
Operating Temperature: High Temperature Resistant
Termination: Lead Wires
Features: High Power, Strong Wind Force

The DBPD1438B8UY006 is engineered for mission-critical applications where thermal stability is paramount. Common deployments include high-density server racks, telecommunications base stations, and industrial rectifiers requiring rapid heat dissipation. The robust aluminum construction of the DBPD1438B8UY006 makes it particularly suitable for harsh environments found in ASIC mining rigs and heavy-duty CNC machinery, ensuring continuous operation under substantial thermal loads.

Supplemental Images