DBPA0956B8UP001 AVC 48VDC 90x90x56mm Aluminum Axial Fan Datasheet

Brand: AVC

SKU: 911859467947

Category: Axial & Centrifugal Fans

Price: **$25.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/dbpa0956b8up001-avc-48vdc-90x90x56mm-aluminum-axial-fan

Product Description

The AVC DBPA0956B8UP001 is a robust industrial axial fan engineered for mission-critical thermal management systems requiring exceptional static pressure and airflow throughput. Encased in a durable die-cast aluminum housing, this unit offers superior structural rigidity and heat dissipation properties compared to standard thermoplastic frames, making it ideal for high-vibration environments. The motor assembly utilizes precision dual ball bearing architecture, ensuring operational longevity and stability under high-load conditions. Designed with a 4-wire PWM interface, it allows for precise speed modulation, optimizing the balance between thermal impedance reduction and acoustic performance in high-density electronic environments.

Model Number: DBPA0956B8UP001
Brand: AVC (Asia Vital Components)
Product Type: DC Axial Fan
Rated Voltage: 48 VDC
Rated Current: 3.72 A
Power Consumption: 178.56 W
Dimensions: 90 x 90 x 56 mm
Bearing Type: Dual Ball Bearing
Frame Material: Die-Cast Aluminum
Blade Material: Reinforced Plastic (UL94V-0)

Termination: 4-Wire Lead with Connector
Speed Control: PWM (Pulse Width Modulation)
Signal Output: Tachometer (FG Signal)
Motor Type: Brushless DC
Ingress Protection: IP Rating Dependent on Mounting
Operating Temperature: -10°C to +70°C
Mounting Orientation: Any
Application: High Static Pressure Server Cooling

The DBPA0956B8UP001 is specifically calibrated for high-impedance applications such as telecommunications base stations, enterprise server chassis, and industrial automation enclosures where back-pressure resistance is a critical factor. Engineers frequently deploy the DBPA0956B8UP001 in forced-air cooling solutions for rectifiers, power inverters, and CNC machinery, ensuring components remain within safe thermal operating limits during continuous duty cycles.

Supplemental Images