DATC1551B8S-P068 AVC 48VDC 175x150x51mm Axial Fan Datasheet

Brand: AVC

SKU: 996214316309

Category: Axial & Centrifugal Fans

Price: **$64.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/datc1551b8s-p068-avc-48vdc-175x150x51mm-axial-fan

Product Description

The AVC DATC1551B8S-P068 is a high-performance DC Axial Fan engineered for demanding industrial thermal management applications. Utilizing advanced DC motor technology and a robust dual ball bearing architecture, this unit ensures optimal rotational stability and minimized thermal impedance under continuous high-load operations. The chassis features high structural rigidity, designed to withstand the vibrational stresses typical of heavy-duty inverter cooling systems. Its aerodynamic blade profile maximizes static pressure delivery, making it an essential component for maintaining operational efficiency in high-density electronic enclosures and variable frequency drives.

Model Number: DATC1551B8S-P068
Brand: AVC (Asia Vital Components)
Product Type: DC Axial Fan
Rated Voltage: 48 VDC
Rated Current: 2.62 A
Power Consumption: 125.76 W
Dimensions: 175 x 150 x 51 mm
Bearing Type: Dual Ball Bearing
Motor Type: Brushless DC
Airflow Direction: Exhaust Over Struts

Termination: 4-Wire Lead
Speed Control: PWM Support
Signal Output: Tachometer (FG)
Housing Material: Thermoplastic PBT (UL94V-0)
Blade Material: Thermoplastic PBT (UL94V-0)
Operating Temperature: -10°C to +70°C
Application: Inovance Frequency Inverter Replacement
Mounting Type: Flange Mount

This cooling solution is specifically calibrated for high-power industrial electronics, including the Inovance frequency inverters. The DATC1551B8S-P068 provides critical airflow for variable frequency drives (VFDs) and large-scale servo systems, preventing thermal throttling in automated manufacturing environments. Additionally, the DATC1551B8S-P068 is suitable for deployment in telecommunications cabinets, server racks, and CNC machinery where reliable heat dissipation is paramount for component longevity.

Supplemental Images


AVC
RS
MODEL DATC1551B8S
DC 48V 2.62A P068
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