DBPK0938B8MY001 AVC 48VDC 90x90x38mm Aluminum Frame Axial Fan Datasheet

Brand: AVC

SKU: 960655126597

Category: Axial & Centrifugal Fans

Price: **$15.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/dbpk0938b8my001-avc-48vdc-90x90x38mm-aluminum-frame-axial-fan

Product Description

The AVC DBPK0938B8MY001 is a high-efficiency Axial Fan engineered for demanding industrial thermal management applications. Featuring a robust aluminum frame construction, this unit ensures superior structural rigidity and enhanced thermal dissipation under continuous operation. The motor utilizes advanced DC technology paired with a precision dual ball bearing system to minimize friction and optimize rotational stability. Designed with an aerodynamic impeller profile, it delivers high static pressure capabilities while maintaining a balanced thermal impedance. This specific model is optimized for inverter cooling systems, providing reliable airflow to critical electronic components in harsh environments.

Model Number: DBPK0938B8MY001
Brand: AVC (Asia Vital Components)
Product Type: DC Axial Fan
Rated Voltage: 48 VDC
Rated Current: 0.80 A
Power Consumption: 38.40 W
Dimensions: 90 x 90 x 38 mm
Bearing Type: Dual Ball Bearing

Frame Material: Die-Cast Aluminum
Blade Material: Thermoplastic PBT (UL94V-0)
Application Code: HAV3
Compatible Device: SUN2000 Inverter
Termination: 4-Wire Lead
Mounting Type: Flange Mount
Operating Temperature: -10°C to +70°C
Ingress Protection: Industrial Standard
Speed Control: PWM / Tachometer Support

The DBPK0938B8MY001 is specifically calibrated for integration into high-power energy conversion systems, most notably serving as the external cooling solution for SUN2000 series inverters. Its robust aluminum housing makes it ideal for outdoor or harsh industrial environments where thermal regulation is critical for system longevity. Beyond solar inverters, the DBPK0938B8MY001 is suitable for telecommunications cabinets, high-density server racks, and industrial automation equipment requiring substantial static pressure. The precise engineering of the DBPK0938B8MY001 ensures consistent performance in variable frequency drive cooling and heavy-duty power supply units.

Supplemental Images


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MODEL DBPK0938B8MY001
DC 48V 0.80A
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