DFPH0880B8S-Y001 AVC 48VDC 4.32A 80x80x38mm Cooling Fan Datasheet

Brand: AVC

SKU: 928605101705

Category: Axial & Centrifugal Fans

Price: **$17.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/dfph0880b8s-y001-avc-48vdc-4-32a-80x80x38mm-cooling-fan

Product Description

The AVC DFPH0880B8S-Y001 is a high-performance DC Axial Fan engineered for demanding industrial applications requiring substantial airflow and static pressure. Featuring a robust 48VDC motor architecture, this unit utilizes precision ball bearings to ensure operational longevity and reduced thermal impedance under continuous load. The aerodynamic design of the impeller maximizes air throughput while maintaining structural rigidity, making it ideal for high-density server environments and inverter cooling systems. Its advanced electronic commutation ensures efficient power delivery and reliable thermal management even under voltage fluctuations.

Model Number: DFPH0880B8S-Y001
Brand: AVC (Asia Vital Components)
Product Type: DC Axial Fan
Rated Voltage: 48 VDC
Voltage Range: 38.0 - 60.0 VDC
Rated Current: 4.32 A
Power Consumption: 207.36 W
Dimensions: 80 x 80 x 38 mm
Bearing Type: Dual Ball Bearing
Fan Speed: High Speed (Violent Series)
Airflow: High Airflow Capacity

Static Pressure: High Static Pressure
Housing Material: Thermoplastic PBT (UL94V-0)
Blade Material: Thermoplastic PBT (UL94V-0)
Termination: Lead Wires
Operating Temperature: -10°C to +70°C
Mounting Orientation: Any
Ingress Protection: IP Rating Standard
Features: PWM Control, Speed Sensor, Locked Rotor Protection

Designed for critical thermal regulation, the DFPH0880B8S-Y001 is extensively utilized in high-power industrial inverters and variable frequency drives where heat dissipation is paramount. Its robust airflow capabilities make it suitable for specialized equipment such as stage flame lamps and industrial air purifiers requiring high static pressure. The DFPH0880B8S-Y001 ensures reliable operation in telecom cabinets and server racks, preventing thermal throttling in density-packed electronic assemblies.

Supplemental Images


AVC
MODEL DFPH0880B8S
DC 48V 4.32A
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Y001
www.avc.com.tw