DBTB1225B2F-P019 AVC 12VDC 120x120x25mm Axial Fan Datasheet

Brand: AVC

SKU: 987270146941

Category: Axial & Centrifugal Fans

Price: **$11.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/dbtb1225b2f-p019-avc-12vdc-120x120x25mm-axial-fan

Product Description

The AVC DBTB1225B2F-P019 is a high-performance DC Axial Fan engineered for critical thermal management applications requiring substantial airflow and static pressure capabilities. Utilizing advanced Dual Ball Bearing architecture, this unit ensures exceptional structural rigidity and longevity, significantly reducing thermal impedance in high-density environments. The 12VDC motor is optimized for efficiency, drawing 2.04A to deliver robust cooling performance while maintaining operational stability under continuous load. Its aerodynamic impeller design maximizes air throughput, making it an ideal solution for server chassis and industrial machinery. The integration of PWM control allows for precise speed modulation, balancing acoustic performance with thermal requirements.

Model Number: DBTB1225B2F-P019
Brand: AVC (Asia Vital Components)
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 7.0 - 13.2 VDC
Rated Current: 2.04 A
Input Power: 24.48 W
Dimensions: 120 x 120 x 25 mm
Bearing Type: Dual Ball Bearing

Max. Air Flow: 150.0 CFM (254.8 m^3/h)
Max. Static Pressure: 14.5 mmH_2O (142 Pa)
Rated Speed: 4500 RPM (±10%)
Noise Level: 54.0 dBA
Termination: 4-Wire Lead (PWM/Tachometer)
Connector: Standard 4-Pin PWM Header
Housing Material: Thermoplastic PBT (UL94V-0)
Blade Material: Thermoplastic PBT (UL94V-0)
Operating Temperature: -10°C to +70°C
Life Expectancy: 70,000 Hours at 40°C
Speed Control: PWM (Pulse Width Modulation)
Safety Certifications: CE, UL, TUV, RoHS

Designed for high-demand environments, the DBTB1225B2F-P019 excels in server rack cooling and telecommunications infrastructure where heat dissipation is critical. Its robust airflow makes the DBTB1225B2F-P019 suitable for industrial automation equipment, power supply units, and precision medical devices requiring consistent thermal regulation.

Supplemental Images


AVC
MODEL DBTB1225B2F
DC 12V 2.04A P019
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