DBPP0638B2H001 AVC 12VDC 60x60x38mm 3.5A Axial Fan Datasheet

Brand: AVC

SKU: 1020348330473

Category: Axial & Centrifugal Fans

Price: **$25.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/dbpp0638b2h001-avc-12vdc-60x60x38mm-3-5a-axial-fan

Product Description

The AVC DBPP0638B2H001 is a high-performance DC axial fan engineered for critical thermal management in high-density server environments. Utilizing advanced dual ball bearing architecture, this unit ensures exceptional longevity and structural rigidity under continuous operation. The aerodynamic impeller design maximizes static pressure delivery, making it ideal for overcoming high system impedance. With a robust 12VDC motor drawing 3.5A, it provides aggressive cooling capabilities essential for maintaining optimal operating temperatures in sensitive electronic components.

Model Number: DBPP0638B2H001
Brand: AVC (Asia Vital Components)
Product Type: DC Axial Fan
Rated Voltage: 12VDC
Voltage Range: 10.8 - 13.2 VDC
Rated Current: 3.50 A
Power Consumption: 42.0 W
Rated Speed: 13000 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 68.5 CFM (116.3 m^3/h / 1.94 m^3/min)
Max. Static Pressure: 48.2 mmH_2O (472 Pa / 1.90 inH_2O)

Dimensions: 60x60x38mm
Weight: 125 g
Life Expectancy: 70,000 Hours at 40°C
Speed Control: 4-Wire PWM
Noise Level: 64.0 dB(A)
Housing Material: Thermoplastic PBT (UL94V-0)
Blade Material: Thermoplastic PBT (UL94V-0)
Termination: 4-Wire Lead
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Protection: Locked Rotor Protection, Polarity Protection

Designed specifically for high-impedance applications, the DBPP0638B2H001 excels in 1U and 2U server rack cooling solutions where backpressure is a significant factor. This fan is frequently deployed in enterprise computing clusters, telecommunications base stations, and precision industrial machinery requiring rapid heat dissipation. The DBPP0638B2H001 is also suitable for custom chassis modifications and high-performance workstation cooling, ensuring reliability in mission-critical hardware environments.

Supplemental Images


Made In
China
DP/N
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