DATA1238B8H-059 AVC 48VDC 120x120x38mm Ball Bearing Axial Fan Datasheet

Brand: AVC

SKU: 834718653117

Category: Axial & Centrifugal Fans

Price: **$16.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/data1238b8h-059-avc-48vdc-120x120x38mm-ball-bearing-axial-fan

Product Description

The AVC DATA1238B8H-059 is a high-reliability DC axial fan engineered for demanding thermal management applications requiring substantial airflow and static pressure. Utilizing advanced DC brushless motor technology paired with a precision dual ball bearing architecture, this unit ensures minimal friction and extended operational lifespan under continuous load. The aerodynamic impeller design is optimized to maximize static pressure while maintaining efficient airflow, effectively reducing thermal impedance in high-density electronic enclosures. Constructed with a reinforced thermoplastic frame, the fan offers superior structural rigidity and vibration resistance, making it an ideal solution for mission-critical industrial and server environments.

Model Number: DATA1238B8H-059
Brand: AVC (Asia Vital Components)
Product Type: DC Axial Fan
Rated Voltage: 48VDC
Voltage Range: 28.0 - 56.0 VDC
Rated Current: 0.33 A
Power Consumption: 15.84 W
Rated Speed: 4000 RPM
Bearing Type: Dual Ball Bearing

Max. Air Flow: 150.0 CFM (254.8 m^3/h / 4.24 m^3/min)
Max. Static Pressure: 14.5 mmH_2O (142.1 Pa / 0.57 inH_2O)
Dimensions: 120 x 120 x 38 mm
Weight: 320 g
Life Expectancy: 70,000 Hours at 40°C
Noise Level: 54.0 dBA
Frame Material: Thermoplastic PBT (UL94V-0)
Impeller Material: Thermoplastic PBT (UL94V-0)
Termination: 4-Wire Leads
Speed Control: PWM Support
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Ingress Protection: IP20
Safety Certifications: UL, CUL, TUV, CE

The DATA1238B8H-059 is specifically designed for high-static pressure environments such as rack-mounted server chassis, telecommunications base stations, and industrial power supply units. Its robust construction allows the DATA1238B8H-059 to operate reliably in automation control panels and CNC machinery where consistent airflow is critical for component longevity. Additionally, this model is frequently utilized in network switchgear and medical instrumentation requiring precise thermal regulation.

Supplemental Images


AVC
RS
MODEL DATA1238B8H
DC 48V 0.33A -059
BALL BEARING
DATA1238B8H-059-
F05-C-000775
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E158191
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