DAKA1238B2H-P015 AVC 12VDC 120x120x38mm Axial Fan Datasheet

Brand: AVC

SKU: 665112551173

Category: Axial & Centrifugal Fans

Price: **$17.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/daka1238b2h-p015-avc-12vdc-120x120x38mm-axial-fan

Product Description

AVC DAKA1238B2H-P015 is a 12VDC 120x120x38mm Axial Fan optimized for high-density thermal management in server environments. This industrial-grade cooling solution features a high-torque DC brushless motor and a precision dual ball bearing architecture to minimize thermal impedance in restricted airflow paths. Engineered for structural rigidity, the UL94V-0 plastic housing and impeller withstand significant mechanical stress. Operating at a rated current of 2.50A and delivering approximately 5400 RPM, this unit provides the high static pressure necessary for maintaining system stability under peak loads while ensuring long-term reliability in 24/7 duty cycles.

Model Number: DAKA1238B2H-P015
Brand: AVC
Product Type: Axial Fan
Rated Voltage: 12VDC
Voltage Range: 7.0 - 13.2 VDC
Rated Current: 2.50 A
Power: 30.0 W
Rated Speed: 5400 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 210.00 CFM (356.79 m^3/h / 5.95 m^3/min)
Max. Static Pressure: 25.40 mmH_2O (249.08 Pa / 1.00 inH_2O)

Dimensions: 120 x 120 x 38 mm
Weight: 310 g
Life Expectancy: 70,000 hours at 40°C
Speed Control: PWM (Pulse Width Modulation)
Signal Output: Tachometer (Frequency Generator)
Noise Level: 62.5 dB(A)
Housing Material: Plastic (UL94V-0)
Blade Material: Plastic (UL94V-0)
Termination: 4-Wire Lead Wires
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +75°C
Protection Features: Locked Rotor Protection, Reverse Polarity Protection
Certifications: CE, TUV, UL, RoHS

DAKA1238B2H-P015 Applications

1. 2U/3U Rackmount Servers: High static pressure overcomes the impedance of densely packed drive arrays and heat sinks, serving as a high-efficiency replacement fan.
2. Cryptocurrency Mining Rigs: Sustained high-RPM operation provides the necessary CFM to dissipate concentrated heat from multi-GPU configurations.
3. Industrial VFD Enclosures: Robust 12038 frame size and 2.50A power profile ensure rapid air exchange in high-heat power electronics cabinets.

Supplemental Images