

2B06038B12H AVC 12VDC 60x60x38mm Axial Fan Datasheet



Brand: AVC

SKU: 896611272780

Category: Axial & Centrifugal Fans

Price: \$6.99

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Product Page: <https://www.equipspares.com/product/2b06038b12h-avc-12vdc-60x60x38mm-axial-fan>

Product Description

The AVC 2B06038B12H is a high-density Axial Fan engineered for demanding thermal management environments. Utilizing a brushless DC motor architecture, this unit integrates advanced dual ball bearing systems to minimize friction and extend operational longevity under continuous duty cycles. The aerodynamic impeller design is optimized for high static pressure, overcoming the thermal impedance found in densely packed server enclosures. Its structural rigidity is reinforced by a specialized housing that maintains dimensional stability at peak rotational velocities, ensuring consistent airflow delivery and vibration dampening in mission-critical industrial applications.

Model Number: 2B06038B12H

Brand: AVC

Product Type: Axial Fan

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 1.16A

Power: 13.92W

Rated Speed: 12000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 58.4 CFM (99.2 m³/h)

Max. Static Pressure: 28.5 mmH₂O (279.5 Pa)

Dimensions: 60x60x38mm

Weight: 110g

Life Expectancy: 70,000 Hours at 40C

Speed Control: PWM (Pulse Width Modulation)

Monitoring Output: Tachometer (Frequency Generator)

Termination: 4-Lead Wires

Housing Material: UL94V-0 Reinforced Plastic

Blade Material: UL94V-0 Reinforced Plastic

Operating Temperature: -10C to +70C

Storage Temperature: -40C to +75C

Protection Features: Locked Rotor Protection, Reverse Polarity Protection

Certifications: CE, TUV, UL, RoHS

This high-performance cooling solution is primarily deployed in enterprise-grade server racks and telecommunications infrastructure where the 2B06038B12H provides essential heat dissipation for high-wattage processors. Beyond data centers, the 2B06038B12H is frequently utilized in electric vehicle charging stations and CNC control cabinets to prevent component overheating. Its robust construction also makes it a preferred choice for specialized portable cooling equipment and medical diagnostic hardware requiring reliable, high-pressure airflow.

Supplemental Images

