

# DATA1225B2GPS43-C02 AVC 12VDC 120x120x25mm 148.9CFM Axial Fan Datasheet



**Brand:** AVC

**SKU:** 994773327442

**Category:** Axial & Centrifugal Fans

**Price:** \$19.99

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Product Page:

<https://www.equipspares.com/product/data1225b2gps43-c02-avc-12vdc-120x120x25mm-148-9cfm-axial-fan>

## Product Description

The AVC DATA1225B2GPS43-C02 is a high-efficiency DC axial fan engineered for demanding thermal management applications requiring substantial airflow and static pressure. Featuring a robust dual ball bearing architecture, this unit ensures long-term operational stability and reduced frictional wear under continuous high-speed load. The aerodynamic impeller design is optimized to deliver a massive 148.9 CFM, effectively overcoming high thermal impedance in dense electronic enclosures. With its precise 4-wire PWM speed control, the fan dynamically adjusts rotational speed to balance cooling performance with acoustic output, maintaining structural rigidity and reliability in high-stress environments.

Model Number: DATA1225B2GPS43-C02

Brand: AVC (Asia Vital Components)

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 1.02 A

Power Input: 12.24 W

Rated Speed: 4000 RPM

Bearing Type: Dual Ball Bearing  
Max. Air Flow: 148.9 CFM (252.98 m<sup>3</sup>/h)  
Dimensions: 120 x 120 x 25 mm  
Noise Level: 54.0 dBA  
Termination: 4-Wire Lead with Connector  
Speed Control: PWM (Pulse Width Modulation)  
Sensor: Tachometer Output  
Housing Material: PBT Plastic (UL94V-0)  
Impeller Material: PBT Plastic (UL94V-0)  
Operating Temperature: -10°C to +70°C  
Life Expectancy: 70,000 Hours at 40°C  
Mounting Orientation: Any

The DATA1225B2GPS43-C02 is specifically designed for high-performance computing environments, including gaming workstations and server chassis where rapid heat dissipation is critical. Frequently utilized as a primary intake or exhaust solution in Alienware systems and custom PC builds, the DATA1225B2GPS43-C02 excels in cooling overclocked CPUs and dense GPU configurations. Its high static pressure capabilities also make it suitable for radiator cooling, industrial automation cabinets, and telecommunications equipment requiring reliable forced air convection.

## Supplemental Images

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