

DS08025B24U-109 AVC 24VDC 80x80x25mm 0.40A Axial Fan Datasheet



Brand: AVC

SKU: [976598644193](#)

Category: Axial & Centrifugal Fans

Price: **\$15.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/ds08025b24u-109-avc-24vdc-80x80x25mm-0-40a-axial-fan>

Product Description

The AVC DS08025B24U-109 is a precision-engineered DC axial fan designed for demanding industrial thermal management applications. Featuring a robust dual ball bearing architecture, this unit ensures extended operational longevity and superior structural rigidity under continuous load. The aerodynamic impeller design optimizes airflow efficiency while minimizing turbulence-induced noise, effectively lowering thermal impedance in high-density electronic enclosures. Operating at a rated voltage of 24VDC with a current draw of 0.40A, the DS08025B24U-109 delivers consistent static pressure capabilities essential for overcoming system resistance. Its durable construction meets rigorous industrial standards, making it a reliable solution for maintaining optimal operating temperatures in critical hardware environments.

Model Number: DS08025B24U-109

Brand: AVC (Asia Vital Components)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.40 A

Power Consumption: 9.60 W

Bearing Type: Dual Ball Bearing

Dimensions: 80 x 80 x 25 mm

Frame Material: Thermoplastic PBT (UL94V-0)
Impeller Material: Thermoplastic PBT (UL94V-0)
Termination: 2-Wire Lead (Red +, Black -)
Connector Type: Bare Wire / Standard 2-Pin
Mounting Orientation: Any
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Life Expectancy: 70,000 Hours at 40°C
Ingress Protection: Standard IP20
Application: Server / Chassis Cooling

The DS08025B24U-109 is engineered for integration into high-performance computing environments, including server racks and telecommunications cabinets where reliable heat dissipation is critical. Its robust airflow characteristics make it suitable for CNC machinery control panels and industrial automation equipment requiring consistent thermal regulation. Additionally, the DS08025B24U-109 serves effectively in power supply units and medical instrumentation, ensuring components remain within safe thermal limits during continuous operation.

Supplemental Images

