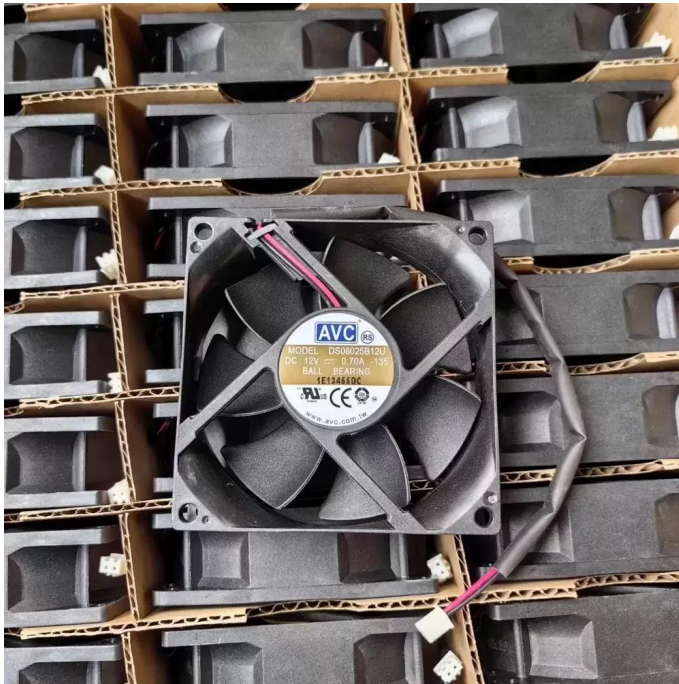


DS08025B12U-135 AVC 12VDC 80x80x25mm Cooling Axial Fan Datasheet



Brand: AVC

SKU: 712899127398

Category: Axial & Centrifugal Fans

Price: \$7.99

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/ds08025b12u-135-avc-12vdc-80x80x25mm-cooling-axial-fan>

Product Description

The AVC DS08025B12U-135 is a high-performance axial fan engineered for critical thermal management in industrial and server-grade applications. Built upon a robust Dual Ball Bearing architecture, this unit offers superior structural rigidity and a significantly extended service life compared to sleeve bearing alternatives, making it suitable for continuous duty cycles. The aerodynamic impeller design is optimized to maximize static pressure while maintaining efficient airflow, driven by a powerful DC motor drawing 0.70A. This high-torque configuration ensures the fan overcomes system impedance in dense electronic enclosures. The device features a durable thermoplastic housing and precise balancing to minimize vibration and operational noise, ensuring reliable heat dissipation in demanding environments.

Model Number: DS08025B12U-135

Brand: AVC (Asia Vital Components)

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.70 A

Power Consumption: 8.40 W

Rated Speed: 5500 RPM $\pm 10\%$

Bearing Type: Dual Ball Bearing

Max. Air Flow: 65.0 CFM (110.4 m³/h)

Max. Static Pressure: 10.5 mmH₂O (102.9 Pa / 0.41 inH₂O)

Dimensions: 80 x 80 x 25 mm

Weight: 85 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 46.0 dBA

Termination: 2-Wire (Red +, Black -)

Frame Material: PBT Thermoplastic (UL94V-0)

Blade Material: PBT Thermoplastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Insulation Resistance: >10M Ohm at 500VDC

Dielectric Strength: 500VAC for 1 Minute

Protection: Locked Rotor Protection, Polarity Protection

Mounting Orientation: Any

The DS08025B12U-135 is specifically designed for high-density electronic systems such as rack-mount servers, telecommunications power supplies, and industrial automation control panels. Its high static pressure capabilities allow the DS08025B12U-135 to effectively force air through restricted spaces, such as dense heatsinks or tightly packed component arrays, ensuring optimal operating temperatures for sensitive hardware.

Supplemental Images

