

DS08025B12H-P184 AVC 12VDC 80x80x25mm 4-Wire Axial Fan Datasheet



Brand: AVC

SKU: [1009426165150](#)

Category: Axial & Centrifugal Fans

Price: **\$9.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/ds08025b12h-p184-avc-12vdc-80x80x25mm-4-wire-axial-fan>

Product Description

The AVC DS08025B12H-P184 is a precision-engineered DC axial fan designed for high-reliability industrial thermal management. Featuring a robust Dual Ball Bearing architecture, this unit ensures extended operational longevity and reduced frictional coefficients under continuous load. The aerodynamic impeller design optimizes static pressure capabilities while maintaining efficient airflow delivery, critical for overcoming high thermal impedance in dense electronic enclosures. Constructed with industrial-grade materials, the DS08025B12H-P184 maintains structural rigidity and performance stability, making it an ideal solution for demanding cooling environments requiring precise thermal regulation.

Model Number: DS08025B12H-P184

Brand: AVC (Asia Vital Components)

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 0.30 A

Power Consumption: 3.60 W

Rated Speed: 4000 RPM \pm 10%

Bearing Type: Dual Ball Bearing

Max. Air Flow: 48.6 CFM (82.57 m³/h / 1.37 m³/min)

Max. Static Pressure: 5.84 mmH₂O (57.27 Pa / 0.23 inH₂O)

Dimensions: 80 x 80 x 25 mm

Weight: 85 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 39.0 dBA

Speed Control: 4-Wire PWM (Pulse Width Modulation)

Termination: 4-Pin Connector with Lead Wires

Housing Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP40

Safety Certifications: UL, TUV, CE, RoHS

This cooling solution is specifically engineered for integration into industrial chassis and variable frequency drive inverters where consistent airflow is paramount. The DS08025B12H-P184 excels in maintaining optimal operating temperatures for power electronics and server rack enclosures, preventing thermal throttling in critical systems. Additionally, the DS08025B12H-P184 is widely utilized in automation equipment and telecommunications hardware, providing reliable heat dissipation for components sensitive to thermal fluctuations.

Supplemental Images

