

# DS08025B12H-P171 AVC 12VDC 0.30A 80x80x25mm Axial Fan Datasheet



**Brand:** AVC

**SKU:** [1021967321641](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$22.99**

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Product Page:

<https://www.equipspares.com/product/ds08025b12h-p171-avc-12vdc-0-30a-80x80x25mm-axial-fan>

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## Product Description

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AVC DS08025B12H-P171 is an 80 x 80 x 25 mm axial cooling fan operating at 12 VDC with a 0.30 A current rating and 3.6 W power consumption. The unit features a dual ball bearing system housed within a PBT thermoplastic frame and impeller, both rated UL 94V-0 for flame retardancy. It utilizes a brushless DC motor design with a 2-wire lead wire interface for power connection. The internal mechanism is engineered for high-speed rotation, delivering significant static pressure and airflow through a seven-blade aerodynamic configuration.

### DS08025B12H-P171 Specifications

Model: DS08025B12H-P171

Brand: AVC (Asia Vital Components)

Dimensions: 80 x 80 x 25 mm

Rated Voltage: 12 VDC

Operating Voltage Range: 7.0 to 13.8 VDC

Rated Current: 0.30 A

Input Power: 3.6 W

Rated Speed: 4500 RPM

Maximum Airflow: 52.3 CFM

Maximum Static Pressure: 0.28 in-H<sub>2</sub>O

Noise Level: 42.0 dBA

Bearing Type: Dual Ball Bearing

Frame Material: Thermoplastic PBT (UL 94V-0)

Impeller Material: Thermoplastic PBT (UL 94V-0)

Termination: 2-Wire Lead (Red/Black)

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +75 °C

Weight: 86 g

Life Expectancy: 70,000 hours at 40 °C

#### DS08025B12H-P171 Applications

Primary applications include integration into industrial automation control cabinets, server chassis thermal management systems, and frequency inverter cooling modules. Deployed within CNC machine tool electronics enclosures and telecommunications power supply units to maintain optimal operating temperatures.

## Supplemental Images

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