

# DS08025R12UP239 AVC 12VDC 80x80x25mm Round Frame Axial Fan Datasheet



**Brand:** AVC

**SKU:** [841991270430](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$17.99**

**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

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

Product Page:

<https://www.equipspares.com/product/ds08025r12up239-avc-12vdc-80x80x25mm-round-frame-axial-fan>

## Product Description

The AVC DS08025R12UP239 is a precision-engineered DC axial fan designed for high-density thermal management applications requiring optimized airflow dynamics. Featuring a specialized round frame architecture, this unit minimizes back pressure while maximizing volumetric efficiency within restricted enclosures. The motor assembly utilizes advanced hydraulic bearing technology to ensure rotational stability and reduced acoustic signatures over extended operational lifecycles. Engineered with a robust thermoplastic housing, the DS08025R12UP239 delivers superior structural rigidity and thermal impedance management, making it an ideal solution for critical cooling systems where reliability and performance consistency are paramount.

Model Number: DS08025R12UP239

Brand: AVC (Asia Vital Components)

Product Type: DC Axial Fan

Frame Design: Round Frame (Circular)

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 0.70 A

Power Consumption: 8.40 W

Rated Speed: 5500 RPM (Nominal)

Bearing Type: Hydraulic Bearing

Max. Air Flow: 65.0 CFM (110.4 m<sup>3</sup>/h / 1.84 m<sup>3</sup>/min)

Max. Static Pressure: 10.5 mmH<sub>2</sub>O (102.9 Pa / 0.41 inH<sub>2</sub>O)

Dimensions: 80mm x 80mm x 25mm

Weight: 85 g

Life Expectancy: 50,000 Hours at 40°C

Speed Control: PWM (Pulse Width Modulation)

Termination: 4-Wire Lead

Housing Material: PBT (UL94V-0)

Blade Material: PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP40

Noise Level: 46.0 dBA

Safety Certifications: CE, UL, TUV

The DS08025R12UP239 is frequently deployed in high-performance computing environments, including server chassis and rack-mounted telecommunications equipment where efficient heat dissipation is critical. Its round frame design allows for seamless integration into specific ducting systems and CPU coolers requiring concentrated airflow. Additionally, the DS08025R12UP239 is utilized in industrial automation control panels and medical instrumentation, ensuring component longevity by maintaining optimal operating temperatures under continuous load conditions.

## Supplemental Images

---

