

# DS09225R12LC019 AVC 12VDC 92x92x25mm Hydraulic Axial Fan Datasheet



**Brand:** AVC

**SKU:** [621351793612](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$18.99**

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Product Page:

<https://www.equipspares.com/product/ds09225r12lc019-avc-12vdc-92x92x25mm-hydraulic-axial-fan>

## Product Description

The AVC DS09225R12LC019 is a precision-engineered DC axial fan designed for optimal thermal management in electronic enclosures. Utilizing advanced hydraulic bearing technology, this unit minimizes friction and acoustic resonance while maintaining superior structural rigidity under continuous operation. The 92mm frame is constructed from durable thermoplastic, ensuring resistance to environmental stress and reducing overall thermal impedance within the system. With a low-speed profile indicated by its specific winding configuration, it balances airflow efficiency with quiet operation, making it an ideal solution for noise-sensitive industrial applications requiring reliable heat dissipation.

Model Number: DS09225R12LC019

Brand: AVC (Asia Vital Components)

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.13 A

Input Power: 1.56 W

Rated Speed: 2200 RPM

Bearing Type: Hydraulic Bearing

Max. Air Flow: 38.5 CFM (65.4 m<sup>3</sup>/h)

Max. Static Pressure: 2.1 mmH<sub>2</sub>O (20.6 Pa)

Dimensions: 92 x 92 x 25 mm

Weight: 95 g

Life Expectancy: 50,000 Hours at 40°C

Noise Level: 26.0 dB(A)

Termination: 2-Wire Lead

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

Insulation Resistance: >10M Ohm at 500VDC

Dielectric Strength: 500VAC for 1 Minute

Safety Certifications: UL, CE, TUV, RoHS

Designed for versatility, the DS09225R12LC019 is frequently integrated into compact server racks and telecommunications equipment where space and noise levels are critical constraints. The DS09225R12LC019 provides consistent airflow to cool power supplies, medical instrumentation, and desktop computing chassis, ensuring component longevity by preventing thermal throttling in restricted airflow environments.

## Supplemental Images

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