

DS09225S12H-009 AVC 12VDC 0.41A 92x92x25mm Axial Fan Datasheet



Brand: AVC

SKU: 1026243278193

Category: Axial & Centrifugal Fans

Price: \$13.99

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/ds09225s12h-009-avc-12vdc-0-41a-92x92x25mm-axial-fan>

Product Description

The AVC DS09225S12H-009 is a Axial Fan engineered for precision thermal management in compact electronic enclosures. Utilizing a brushless DC motor architecture, this unit integrates advanced hydraulic bearing technology to minimize friction and extend operational longevity. The aerodynamic impeller design is optimized for low thermal impedance and high structural rigidity, ensuring stable airflow delivery under varying static pressure conditions. Its robust frame construction and specialized blade geometry facilitate superior heat dissipation while maintaining acoustic efficiency in demanding industrial environments.

Model Number: DS09225S12H-009

Brand: AVC

Product Type: Axial Fan

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.41A

Power: 4.92W

Rated Speed: 3800 RPM

Bearing Type: Hydraulic Bearing

Max. Air Flow: 61.50 CFM (104.49 m³/h / 1.74 m³/min)

Max. Static Pressure: 6.35 mmH₂O (62.27 Pa / 0.25 inH₂O)

Dimensions: 92x92x25mm

Weight: 95g

Life Expectancy: 50,000 Hours

Noise Level: 38.5 dBA

Speed Control: Tachometer (FG)

Termination: 3-Lead Wires

Housing Material: Plastic (UL94V-0)

Blade Material: Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Insulation Class: Class A

Protection Features: Locked Rotor Protection, Reverse Polarity Protection

Certifications: CE, TUV, UL

The DS09225S12H-009 is ideally suited for integration into server chassis and telecommunications equipment where reliable active cooling is critical. Its compact form factor allows the DS09225S12H-009 to be deployed in medical diagnostic devices, industrial power supplies, and CNC control cabinets. The unit provides consistent thermal regulation for high-density PCB arrays and workstation workstations, ensuring component longevity through efficient heat extraction.

Supplemental Images

