DS07025R1-P040 AVC 12VDC 70x70x25mm Hydraulic Axial Fan Datasheet

Brand: AVC

SKU: 987111743583

Category: Axial & Centrifugal Fans

Price: **$9.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ds07025r1-p040-avc-12vdc-70x70x25mm-hydraulic-axial-fan

Product Description

The AVC DS07025R1-P040 is a precision-engineered Axial Fan designed for high-density thermal management applications requiring robust airflow and reliability. Utilizing advanced Hydraulic Bearing technology, this unit balances structural rigidity with reduced friction coefficients to ensure extended operational lifecycles and lower acoustic signatures compared to standard sleeve bearings. The 12VDC motor integrates a 4-wire interface, supporting Pulse Width Modulation (PWM) for dynamic speed control based on real-time thermal impedance. Its aerodynamic blade geometry is optimized to deliver consistent static pressure, making it an ideal solution for critical electronic cooling environments where component stability is paramount.

Model Number: DS07025R1-P040
Brand: AVC (Asia Vital Components)
Product Type: Axial Fan
Rated Voltage: 12VDC
Rated Current: 0.50 A
Power Consumption: 6.00 W
Dimensions: 70 x 70 x 25 mm
Bearing Type: Hydraulic Bearing
Termination: 4-Wire (PWM/Tach)
Speed Control: PWM Support

Housing Material: Thermoplastic PBT (UL94V-0)
Blade Material: Thermoplastic PBT (UL94V-0)
Mounting Orientation: Any
Operating Temperature: -10°C to +70°C
Application: Server / Industrial Cooling

The DS07025R1-P040 is engineered for deployment in compact electronic enclosures requiring active thermal dissipation, such as 2U server racks, industrial power supply units, and telecommunications equipment. The high-current motor design allows the DS07025R1-P040 to maintain effective airflow in systems with high impedance, ensuring critical components in CNC machinery and medical devices remain within safe operating temperature ranges.

Supplemental Images


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MODEL DS07025R12H
DC 12V 0.50A P040
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