DASD0925R2H-P298 AVC 12VDC 92x92x25mm PWM Axial Fan Datasheet

Brand: AVC

SKU: 1016512104038

Category: Axial & Centrifugal Fans

Price: **$17.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/dasd0925r2h-p298-avc-12vdc-92x92x25mm-pwm-axial-fan

Product Description

AVC DASD0925R2H-P298 is a 12VDC 92x92x25mm Axial Fan optimized for high-density thermal management in workstation and server chassis. This unit features advanced hydraulic bearing architecture for extended MTBF and reduced acoustic resonance compared to standard sleeve designs. The motor utilizes DC brushless technology with integrated PWM control for dynamic speed adjustment based on real-time thermal loads. Its aerodynamic impeller design is engineered to minimize thermal impedance while maintaining structural rigidity under high-velocity operation. Operating between 750 and 3350 RPM, the fan draws 0.50A at peak load to deliver significant static pressure necessary for overcoming internal system resistance in cramped enclosures.

Model Number: DASD0925R2H-P298
Brand: AVC
Product Type: Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 7.0 - 13.2 VDC
Rated Current: 0.50 A
Power: 6.0 W
Rated Speed: 750 - 3350 RPM
Bearing Type: Hydraulic Bearing
Max. Air Flow: 55.0 CFM (93.4 m^3/h / 1.56 m^3/min)

Max. Static Pressure: 4.2 mmH_2O (41.2 Pa / 0.16 inH_2O)
Dimensions: 92 x 92 x 25 mm
Weight: 95 g
Life Expectancy: 50,000 Hours at 40°C
Speed Control: PWM (Pulse Width Modulation)
Termination: 4-pin Motherboard Connector
Cable Length: 150 mm
Housing Material: UL94V-0 Plastic
Protection: Locked Rotor Protection, Reverse Polarity Protection
Features: Integrated Vibration Damping Rubber Nails

DASD0925R2H-P298 Applications
1. Workstation Chassis Cooling: The PWM-controlled 3350 RPM range allows for precise thermal regulation in OEM workstations, serving as a high-performance replacement fan for high-impedance internal environments.
2. Industrial Control Cabinets: High static pressure and hydraulic bearing longevity make it ideal for compact enclosures requiring consistent airflow with minimal maintenance intervals.

Supplemental Images