AG09224EB257210 ADDA 24VDC 92x92x25mm 0.50A Axial Fan Datasheet

Brand: ADDA

SKU: 934570977360

Category: Axial & Centrifugal Fans

Price: **$15.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ag09224eb257210-adda-24vdc-92x92x25mm-0-50a-axial-fan

Product Description

The ADDA AG09224EB257210 is a high-performance DC axial fan engineered for critical thermal management in industrial electronics. Utilizing a robust ball bearing architecture, this unit is designed to withstand continuous operation while minimizing frictional wear and extending service life. The aerodynamic impeller geometry is optimized to deliver high static pressure, effectively overcoming the thermal impedance found in dense component enclosures. With superior structural rigidity and precise motor control, the AG09224EB257210 provides reliable heat dissipation for power conversion systems and variable frequency drives, ensuring operational stability under heavy load conditions.

Model Number: AG09224EB257210
Brand: ADDA
Product Type: DC Axial Fan
Rated Voltage: 24 VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.50 A
Power: 12.0 W
Rated Speed: 4500 RPM
Bearing Type: Ball Bearing
Max. Air Flow: 85.0 CFM (144.4 m^3/h / 2.41 m^3/min)

Max. Static Pressure: 9.81 mmH_2O (96.24 Pa / 0.39 inH_2O)
Dimensions: 92 x 92 x 25 mm
Weight: 110 g
Life Expectancy: 70,000 Hours @ 40°C
Termination: 3-Wire (Lead Wires)
Housing Material: PBT Plastic (UL94V-0)
Blade Material: PBT Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Noise Level: 48.0 dB(A)
Ingress Protection: IP20
Safety Certifications: UL, cUL, TUV, CE

The AG09224EB257210 is specifically designed for applications requiring substantial airflow and static pressure, such as industrial inverters and variable frequency drives (VFDs). Its compact 92mm form factor allows for seamless integration into server racks, CNC control cabinets, and telecommunications power supplies where space is at a premium but cooling demand is high. Additionally, the AG09224EB257210 is suitable for medical instrumentation and automation equipment, providing the necessary thermal regulation to prevent overheating in sensitive electronic circuits.

Supplemental Images