AD0924MB-C70 ADDA 24VDC 92x92x20mm Axial Fan Datasheet

Brand: ADDA

SKU: 1017288373667

Category: Axial & Centrifugal Fans

Price: **$13.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page: https://www.equipspares.com/product/ad0924mb-c70-adda-24vdc-92x92x20mm-axial-fan

Product Description

ADDA AD0924MB-C70 is a 24VDC 92x92x20mm Axial Fan optimized for high-density thermal management in space-constrained industrial enclosures. This unit features a sophisticated brushless DC motor architecture paired with a precision dual ball bearing system, ensuring low thermal impedance and high structural rigidity under continuous duty cycles. The aerodynamic impeller is engineered to balance static pressure and volumetric flow, drawing 0.14A to maintain stable thermal equilibrium. With its 20mm slim profile, it effectively addresses heat dissipation requirements in compact electronic assemblies where standard 25mm fans cannot fit, providing reliable cooling for sensitive components.

Model Number: AD0924MB-C70
Brand: ADDA
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.14 A
Power: 3.36 W
Rated Speed: 2800 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 42.5 CFM (72.2 m^3/h)
Max. Static Pressure: 3.81 mmH_2O (37.3 Pa)

Dimensions: 92x92x20mm
Weight: 78g
Life Expectancy: 70,000 Hours at 40°C
Noise Level: 34.0 dB(A)
Housing Material: Plastic (UL94V-0)
Blade Material: Plastic (UL94V-0)
Termination: 2-Wire Lead Wires
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Protection Features: Locked Rotor Protection, Reverse Polarity Protection
Certifications: UL, CUL, TUV, CE

AD0924MB-C70 Applications

1. Slimline Industrial Power Supplies: The 20mm depth allows for integration into low-profile SMPS units where overcoming internal component impedance is critical for longevity.
2. Telecommunications Distribution Boxes: Ideal as a replacement fan for outdoor-rated small-cell enclosures requiring the high MTBF of a dual ball bearing system.
3. Medical Imaging Equipment: Provides low-vibration, consistent airflow for cooling internal processing boards in diagnostic hardware.

Supplemental Images