AD0924UB-F91DS ADDA 24VDC 92x92x38mm 0.70A Axial Fan Datasheet

Brand: ADDA

SKU: 722454885574

Category: Axial & Centrifugal Fans

Price: **$24.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ad0924ub-f91ds-adda-24vdc-92x92x38mm-0-70a-axial-fan

Product Description

The ADDA AD0924UB-F91DS is a high-performance DC axial fan engineered for critical thermal management in industrial and computing environments. This unit features a robust DC brushless motor integrated with a precision dual ball bearing system, ensuring reduced mechanical friction and extended operational lifespan under continuous load. The aerodynamic blade geometry is optimized to deliver high static pressure and volumetric airflow, effectively lowering thermal impedance within dense electronic enclosures. Constructed with UL94V-0 rated thermoplastic, the AD0924UB-F91DS maintains structural rigidity and dimensional stability, providing reliable cooling performance for sensitive components requiring consistent heat dissipation.

Model Number: AD0924UB-F91DS
Brand: ADDA
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Voltage Range: 21.6 - 26.4 VDC
Rated Current: 0.70 A
Input Power: 16.8 W
Rated Speed: 4800 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 110.5 CFM (187.7 m^3/h / 3.12 m^3/min)

Max. Static Pressure: 14.2 mmH_2O (139.2 Pa / 0.56 inH_2O)
Dimensions: 92 x 92 x 38 mm
Weight: 190 g
Noise Level: 56.5 dB-A
Frame Material: PBT Thermoplastic (UL94V-0)
Impeller Material: PBT Thermoplastic (UL94V-0)
Life Expectancy: 70,000 Hours at 40°C
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Termination: Lead Wires
Motor Protection: Locked Rotor Protection; Polarity Protection
Safety Certifications: UL, CUL, TUV, CE

The AD0924UB-F91DS is specifically designed for applications demanding high airflow and static pressure to overcome system resistance. It is frequently utilized in server rack cooling assemblies, telecommunications equipment, and industrial power supplies where maintaining optimal thermal envelopes is critical. The AD0924UB-F91DS also finds application in CNC machinery and medical devices, providing the necessary cooling efficiency to prevent component throttling and ensure system reliability.

Supplemental Images