AD1224UB-F91GP ADDA 24VDC 120x120x38mm 1.30A Axial Fan Datasheet

Brand: ADDA

SKU: 994436207636

Category: Axial & Centrifugal Fans

Price: **$10.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/ad1224ub-f91gp-adda-24vdc-120x120x38mm-1-30a-axial-fan

Product Description

The ADDA AD1224UB-F91GP is a high-performance DC Axial Fan engineered for critical thermal management in industrial and computing environments requiring substantial airflow and static pressure. Utilizing a robust brushless DC motor architecture paired with a precision dual ball bearing system, this unit ensures exceptional rotational stability and longevity under continuous operation. The 120mm thermoplastic chassis is designed with advanced aerodynamic geometry to minimize turbulence while maximizing air throughput, effectively reducing thermal impedance in high-density systems. Featuring superior structural rigidity and UL94V-0 flame resistance, the fan is optimized for demanding applications where reliability and efficient heat dissipation are paramount.

Model Number: AD1224UB-F91GP
Brand: ADDA
Product Type: DC Axial Fan
Rated Voltage: 24 VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 1.30 A
Power Consumption: 31.2 W
Rated Speed: 4800 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 205.0 CFM (348.3 m^3/h / 5.80 m^3/min)

Max. Static Pressure: 22.5 mmH_2O (220.6 Pa / 0.88 inH_2O)
Dimensions: 120x120x38 mm
Weight: 290 g
Life Expectancy: 70,000 Hours at 40°C
Noise Level: 58.0 dB(A)
Housing Material: PBT Thermoplastic (UL94V-0)
Impeller Material: PBT Thermoplastic (UL94V-0)
Termination: 3-Wire Leads
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Ingress Protection: IP55 (Optional)
Safety Certifications: UL, CUL, TUV, CE
Direction of Rotation: Counter-clockwise facing rotor

This heavy-duty cooling component is extensively utilized in enterprise server racks, telecommunications infrastructure, and industrial automation cabinets where high static pressure is required to overcome system resistance. The AD1224UB-F91GP is particularly effective in cooling power supply units (PSUs), CNC machinery controllers, and medical instrumentation. System integrators rely on the AD1224UB-F91GP for its ability to maintain optimal operating temperatures in enclosed chassis environments, ensuring the longevity and performance of sensitive electronic components.

Supplemental Images