AA1281UB-AT ADDA 110-120VAC 120x120x38mm Axial Fan Datasheet

Brand: ADDA

SKU: 978694159412

Category: Axial & Centrifugal Fans

Price: **$17.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/aa1281ub-at-adda-110-120vac-120x120x38mm-axial-fan

Product Description

The ADDA AA1281UB-AT is a robust AC Axial Fan engineered for demanding industrial thermal management applications. Featuring a precision-balanced aluminum die-cast frame and high-grade Two Ball Bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes airflow dynamics to reduce thermal impedance within high-density enclosures. Operating at 110-120VAC, the motor assembly utilizes impedance protection to prevent burnout, maintaining structural rigidity and performance stability across fluctuating electrical environments.

Model Number: AA1281UB-AT
Brand: ADDA
Product Type: AC Axial Fan
Rated Voltage: 115 VAC
Voltage Range: 100 - 120 VAC
Frequency: 50 / 60 Hz
Rated Current: 0.25 / 0.20 A
Input Power: 21.0 / 18.0 W
Rated Speed: 2700 / 3100 RPM
Bearing Type: Two Ball Bearing
Max. Air Flow: 97.0 / 117.0 CFM (164.8 / 198.7 m^3/h)

Max. Static Pressure: 7.49 / 8.89 mmH_2O (73.4 / 87.1 Pa / 0.295 / 0.350 inH_2O)
Dimensions: 120 x 120 x 38 mm
Weight: 550 g
Frame Material: Aluminum Die-Cast
Impeller Material: PBT (UL94V-0)
Termination: Terminals (AT Type)
Operating Temperature: -10 to +70 °C
Storage Temperature: -40 to +70 °C
Noise Level: 44.0 / 49.0 dB(A)
Life Expectancy: 50,000 Hours at 25°C
Safety: Impedance Protected
Certifications: UL, CUL, TUV, CE

Designed for critical heat dissipation, the AA1281UB-AT is frequently deployed in server racks, telecommunications cabinets, and industrial automation control panels. Its robust AC motor makes the AA1281UB-AT ideal for CNC machinery and power supply units where consistent high-volume airflow is required to maintain optimal operating temperatures for sensitive electronic components.

Supplemental Images