AA1281HS-AT(N) ADDA 115VAC 14W 120x120x38mm Axial Fan Datasheet

Brand: ADDA

SKU: 1010463248713

Category: Axial & Centrifugal Fans

Price: **$17.71**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/aa1281hs-atn-adda-115vac-14w-120x120x38mm-axial-fan

Product Description

The ADDA AA1281HS-AT(N) is a high-performance AC axial fan measuring 120 x 120 x 38 mm, operating at a nominal voltage of 115 VAC with a power consumption of 14 W. This unit features a robust aluminum alloy frame and a UL 94V-0 rated plastic impeller, driven by a shaded pole induction motor with integrated impedance protection. The internal mechanism utilizes a precision sleeve bearing system to facilitate a maximum airflow of 97 CFM at a noise level of 44.5 dBA. Electrical connection is established via integrated terminals, and the structural design is optimized for high-speed thermal dissipation in environments requiring consistent volumetric air movement.

AA1281HS-AT(N) Specifications
Model Number: AA1281HS-AT(N)
Brand: ADDA
Category: AC Axial Fan
Frame Size: 120 x 120 x 38 mm
Nominal Voltage: 115 VAC
Voltage Range: 110 to 120 VAC
Frequency: 50 / 60 Hz
Rated Current: 0.25 / 0.20 A
Power Rating: 14 W
Rated Speed: 2500 RPM

Airflow: 97 CFM
Airflow (Metric): 2.75 m^3/min
Static Pressure: 0.21 in H2O
Noise Level: 44.5 dBA
Bearing Type: Sleeve Bearing
Frame Material: Aluminum Alloy
Impeller Material: Plastic (UL 94V-0)
Motor Type: Shaded Pole Induction Motor
Motor Protection: Impedance Protected
Termination: Terminals
Operating Temperature: -10 to 70 °C
Insulation Resistance: 100 M ohm at 500 VDC
Dielectric Strength: 1000 VAC for 1 minute
Weight: 550 g
Certifications: UL, CUL, TUV, CE

AA1281HS-AT(N) Applications

Primary applications include integration into industrial control cabinets, server rack cooling systems, telecommunications base stations, and power supply ventilation modules. Deployed within CNC machinery enclosures, medical diagnostic equipment, and commercial HVAC air handling units to maintain optimal thermal regulation of sensitive electronic components.

Supplemental Images