S109AP-11-1TB SINWAN 110/120VAC 120x120x38mm Axial Fan Datasheet

Brand: Sinwan

SKU: 868728815032

Category: Axial & Centrifugal Fans

Price: **$47.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/s109ap-11-1tb-sinwan-110-120vac-120x120x38mm-axial-fan

Product Description

SINWAN S109AP-11-1TB is a 120 x 120 x 38.5 mm AC axial fan operating at 110/120 VAC with a power consumption of 17/15 W and airflow capacity up to 105 CFM. The unit features a die-cast aluminum alloy frame and a glass fiber reinforced thermoplastic impeller rated UL 94V-0. It utilizes a high-precision dual ball bearing system and a shaded pole induction motor with impedance protection. Electrical connection is established via integrated terminals. The internal mechanism is designed for continuous operation with a rated life of 50,000 hours at 60 °C.

S109AP-11-1TB Specifications
Model: S109AP-11-1TB
Brand: SINWAN
Category: AC Axial Fan
Dimensions: 120 x 120 x 38.5 mm
Rated Voltage: 110/120 VAC
Voltage Range: 100 to 120 VAC
Frequency: 50/60 Hz
Input Power: 17/15 W
Rated Current: 0.21/0.18 A
Rated Speed: 2650/3000 RPM
Maximum Airflow: 90/105 CFM

Static Pressure: 0.29/0.31 Inch-H2O
Noise Level: 42 dB-A
Bearing Type: Dual Ball Bearing
Frame Material: Die-cast Aluminum
Impeller Material: Glass Fiber Reinforced Plastic (UL 94V-0)
Connection: Terminals (TB Type)
Motor Type: Shaded Pole Induction
Protection: Impedance Protected
Operating Temperature: -20 to +70 °C
Storage Temperature: -40 to +100 °C
Dielectric Strength: 1500 VAC for 1 minute
Insulation Resistance: 100 MΩ at 500 VDC
Weight: 550 g
Life Expectancy: 80,000 hours at 45 °C

S109AP-11-1TB Applications

Primary applications include integration into server rack enclosures, industrial control cabinets, and telecommunications switching systems. Deployed within CNC machine tool cooling units, medical diagnostic equipment, and power supply ventilation modules to manage thermal loads in high-density electronic environments.

Supplemental Images