

SA17251S2H SNSHENG 220-240VAC 172x150x51mm Axial Fan Datasheet



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Category: Axial & Centrifugal Fans

Price: **\$12.99**

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Product Description

The SNSHENG SA17251S2H is a robust AC Axial Fan engineered for demanding industrial thermal management applications. Utilizing advanced AC motor technology, this unit operates efficiently within a 220-240VAC range, delivering consistent airflow essential for dissipating heat in high-density enclosures. The architecture features a precision-engineered Sleeve Bearing system designed to balance cost-effectiveness with reliable rotational stability, ensuring optimal aerodynamic performance. Constructed with structural rigidity in mind, the fan housing withstands operational vibrations while the impeller geometry minimizes turbulence. Furthermore, the motor integrates impedance protection, safeguarding the windings against burnout during locked rotor conditions, thereby enhancing the overall system reliability and thermal impedance characteristics in continuous duty cycles.

Model Number: SA17251S2H

Brand: SNSHENG

Product Type: AC Axial Fan

Rated Voltage: 220-240 VAC

Frequency: 50/60 Hz

Rated Current: 0.22 A

Power Input: 34 W

Rated Speed: 2700 RPM (Approximate)

Bearing Type: Sleeve Bearing

Max. Air Flow: 190.0 CFM (322.8 m³/h / 5.38 m³/min)

Max. Static Pressure: 14.5 mmH₂O (142.2 Pa / 0.57 inH₂O)

Dimensions: 172mm x 150mm x 51mm

Weight: 850 g

Life Expectancy: 30,000 Hours at 25°C

Motor Protection: Impedance Protected

Frame Material: Aluminum Die-Cast

Impeller Material: Thermoplastic PBT (UL94V-0)

Termination: Lead Wires

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Noise Level: 53 dBA

Mounting Orientation: Vertical or Horizontal

Phase: Single Phase

The SA17251S2H is frequently deployed in industrial automation environments where reliable air exchange is critical for component longevity. Common installation sites include electrical control cabinets, server racks, and power supply units requiring consistent thermal regulation. The SA17251S2H is also suitable for ventilation in welding machines, CNC machinery, and telecommunications infrastructure, ensuring that sensitive electronics remain within safe operating temperature ranges during prolonged operation.

Supplemental Images

