SJ1751HA2 San Ju 220-240VAC 172x150x51mm Oval Axial Fan Datasheet

SKU: 700475381242

Category: Axial & Centrifugal Fans

Price: **$40.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/sj1751ha2-san-ju-220-240vac-172x150x51mm-oval-axial-fan

Product Description

The San Ju SJ1751HA2 is a robust AC Axial Fan engineered for high-static pressure environments requiring consistent thermal management. Utilizing a capacitor-run induction motor, this unit ensures stable torque delivery and minimized electromagnetic interference suitable for sensitive industrial grids. The 172x150x51mm oval frame is constructed from die-cast aluminum, offering superior structural rigidity and thermal dissipation properties compared to standard plastic housings. Its aerodynamic impeller design optimizes airflow efficiency while maintaining a balanced acoustic profile. Designed for continuous duty cycles, the fan incorporates precision ball bearings to reduce friction and extend operational lifespan under varying thermal loads, making it an ideal solution for industrial cabinet cooling and power supply ventilation.

Model Number: SJ1751HA2
Brand: San Ju
Product Type: AC Axial Fan
Rated Voltage: 220-240 VAC
Frequency: 50/60 Hz
Rated Current: 0.12 A
Input Power: 27 W
Rated Speed: 2800 RPM
Bearing Type: Dual Ball Bearing

Max. Air Flow: 210.0 CFM (356.8 m^3/h / 5.94 m^3/min)
Max. Static Pressure: 16.5 mmH_2O (161.8 Pa / 0.65 inH_2O)
Dimensions: 172mm x 150mm x 51mm
Frame Shape: Oval (Elliptical)
Housing Material: Die-Cast Aluminum Alloy (Black Paint)
Blade Material: Thermoplastic PBT (UL94V-0)
Noise Level: 53 dBA
Termination: Lead Wires
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Life Expectancy: 50,000 Hours at 25°C
Motor Type: Capacitor-Run Induction Motor
Insulation Resistance: > 100M Ohms at 500VDC
Dielectric Strength: 1500VAC for 1 Minute
Weight: 920 g

This cooling solution is specifically calibrated for high-density electronic enclosures and industrial machinery. The SJ1751HA2 is frequently deployed in server racks, telecommunication cabinets, and large-scale power inverters where reliable heat dissipation is critical. Additionally, the SJ1751HA2 serves as a primary ventilation component in CNC control panels and medical instrumentation, ensuring sensitive components remain within safe operating temperature ranges during prolonged operation.

Supplemental Images