

SJ8025HD2 San Jun 24VDC 80x80x25mm Industrial Axial Fan Datasheet



SKU: 771838393228

Category: Axial & Centrifugal Fans

Price: \$14.99

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Product Page:

<https://www.equipspares.com/product/sj8025hd2-san-jun-24vdc-80x80x25mm-industrial-axial-fan>

Product Description

The San Jun SJ8025HD2 is a precision-engineered DC Axial Fan designed for rigorous thermal management in compact industrial enclosures. Utilizing a robust DC brushless motor architecture paired with a dual ball bearing system, this unit ensures minimal friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes airflow efficiency while maintaining structural rigidity, effectively reducing thermal impedance in high-density electronic assemblies. Its construction complies with industrial standards for reliability, making it suitable for demanding cooling applications requiring consistent static pressure and volumetric flow.

Model Number: SJ8025HD2

Brand: San Jun (Suntronix)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.19 A

Input Power: 4.56 W

Rated Speed: 4000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 46.0 CFM (78.15 m³/h / 1.30 m³/min)

Max. Static Pressure: 5.80 mmH₂O (56.88 Pa / 0.23 inH₂O)

Dimensions: 80x80x25mm

Noise Level: 36.0 dBA

Termination: Lead Wires (290mm)

Housing Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 50,000 Hours at 25°C

Mounting Orientation: Any

Motor Protection: Impedance Protected

The SJ8025HD2 is engineered for critical thermal regulation in diverse industrial environments, including server rack cooling, telecommunications cabinets, and power supply ventilation. Its compact form factor allows for seamless integration into CNC control panels and medical instrumentation where space is at a premium yet airflow cannot be compromised. By maintaining optimal operating temperatures, the SJ8025HD2 safeguards sensitive components against thermal throttling and failure, ensuring system reliability in automation and IT infrastructure.

Supplemental Images

