

SJ1725HA2BL SAN JUN 220-240VAC 172x150x51mm Axial Fan Datasheet



SKU: 887417864881

Category: Axial & Centrifugal Fans

Price: \$32.99

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

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Product Description

The SAN JUN SJ1725HA2BL is a AC Axial Fan engineered for robust industrial thermal management. Utilizing an advanced shaded pole motor structure combined with a precision dual ball bearing architecture, this unit minimizes thermal impedance while maximizing rotational stability under continuous load. The chassis is constructed from die-cast aluminum, providing superior structural rigidity and vibration damping compared to thermoplastic alternatives. Designed with high-efficiency aerodynamics, the impeller maintains consistent airflow pressure, ensuring optimal heat dissipation in high-density electronic enclosures. The motor assembly features impedance protection to prevent burnout during locked rotor conditions, ensuring long-term reliability in critical operational environments.

Model Number: SJ1725HA2BL

Brand: SAN JUN

Product Type: AC Axial Fan

Rated Voltage: 230 VAC

Voltage Range: 220 - 240 VAC

Frequency: 50 / 60 Hz

Rated Current: 0.28 A

Power: 35.0 W

Rated Speed: 2700 RPM

Bearing Type: Dual Ball Bearing
Max. Air Flow: 210.0 CFM (356.8 m³/h / 5.95 m³/min)
Max. Static Pressure: 15.2 mmH₂O (149.1 Pa / 0.60 inH₂O)
Dimensions: 172 x 150 x 51 mm
Weight: 850 g
Life Expectancy: 60,000 Hours @ 40°C
Frame Material: Aluminum Die-Cast (Black Coating)
Impeller Material: Thermoplastic PBT (UL94V-0)
Motor Type: Capacitor / Shaded Pole Induction Motor
Ingress Protection: IP20
Noise Level: 53.0 dBA
Termination: 2 Lead Wires (300mm)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Dielectric Strength: 1500 VAC at 50/60 Hz for 1 min
Insulation Resistance: 100 MΩ min. @ 500 VDC
Safety Protection: Impedance Protected
Certifications: CE, RoHS, UL, TUV

The SJ1725HA2BL is specifically designed for high-demand ventilation scenarios requiring sustained airflow and durability. It is extensively utilized in industrial automation control cabinets, large-scale server racks, and telecommunication base stations where heat density is a critical factor. Additionally, the SJ1725HA2BL serves effectively in CNC machinery cooling systems and power supply ventilation units, delivering reliable thermal regulation in environments subject to voltage fluctuations and continuous operation cycles.

Supplemental Images

