

SX9225L12S SX 12VDC 0.08A 92x92x25mm Axial Fan Datasheet



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Category: Axial & Centrifugal Fans

Price: **\$14.99**

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Product Page: <https://www.equipspares.com/product/sx9225l12s-sx-12vdc-0-08a-92x92x25mm-axial-fan>

Product Description

The SX SX9225L12S is a precision-engineered DC Axial Fan designed for applications requiring balanced airflow and acoustic performance. Utilizing advanced DC motor technology, this unit minimizes thermal impedance within electronic enclosures while maintaining energy efficiency. The chassis features a 92x92x25mm form factor constructed for structural rigidity, housing a specialized impeller optimized for aerodynamic stability. Equipped with a cost-effective sleeve bearing system, the SX9225L12S ensures reliable operation in standard temperature environments, making it a suitable component for thermal management in diverse industrial and consumer electronics.

Model Number: SX9225L12S

Brand: SX

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.08 A

Input Power: 0.96 W

Rated Speed: 2000 RPM

Bearing Type: Sleeve Bearing

Max. Air Flow: 38.5 CFM (65.4 m³/h / 1.09 m³/min)

Max. Static Pressure: 2.3 mmH₂O (22.5 Pa / 0.09 inH₂O)

Dimensions: 92 x 92 x 25 mm

Weight: 95 g

Noise Level: 26.0 dB-A

Termination: 2-Wire Lead (Red +, Black -)

Wire Length: 300 mm

Housing Material: PBT Thermoplastic (UL94V-0)

Blade Material: PBT Thermoplastic (UL94V-0)

Insulation Resistance: >10M Ohm at 500VDC

Dielectric Strength: 500VAC for 1 Minute

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 30,000 Hours at 25°C

Protection: Impedance Protected

Rotation: Counter-clockwise (viewed from blade)

The SX9225L12S is frequently integrated into mid-sized electronic enclosures, such as desktop power supply units and industrial automation control panels, where moderate airflow is required to dissipate heat from sensitive components. Telecommunications equipment and network attached storage (NAS) systems also utilize the SX9225L12S to maintain optimal operating temperatures without introducing excessive vibration or acoustic noise. Its standard form factor allows for seamless retrofitting in legacy cooling systems requiring reliable thermal regulation.

Supplemental Images

