

# SA120625BE SJ 12VDC 60x60x25mm 0.13A Cooling Fan Datasheet



**SKU:** 959319141769

**Category:** Axial & Centrifugal Fans

**Price:** \$6.99

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Product Page:

<https://www.equipspares.com/product/sa120625be-sj-12vdc-60x60x25mm-0-13a-cooling-fan>

## Product Description

The SJ SA120625BE is a precision-engineered axial cooling fan designed for critical thermal management in industrial electronics and compact enclosures. Utilizing a robust ball bearing architecture, this unit ensures minimized friction coefficients and extended operational longevity under continuous duty cycles. The 60mm frame houses an aerodynamically optimized impeller that balances static pressure with airflow volume, effectively reducing thermal impedance within dense component layouts. Powered by an efficient 12VDC motor with a 3-wire configuration, it supports speed monitoring for active system health diagnostics. The chassis is constructed for high structural rigidity, maintaining axial alignment and performance stability in demanding operational environments.

Model Number: SA120625BE

Brand: SJ

Product Type: Axial Fan

Rated Voltage: 12V DC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.13 A

Power Consumption: 1.56 W

Rated Speed: 3400 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 20.5 CFM (34.8 m<sup>3</sup>/h / 0.58 m<sup>3</sup>/min)  
Max. Static Pressure: 4.57 mmH<sub>2</sub>O (44.8 Pa / 0.18 inH<sub>2</sub>O)  
Dimensions: 60 x 60 x 25 mm  
Weight: 58 g  
Noise Level: 28.0 dBA  
Termination: 3-Wire Lead with Connector  
Speed Control: Tachometer Output (FG Signal)  
Housing Material: PBT Plastic (UL94V-0)  
Blade Material: PBT Plastic (UL94V-0)  
Operating Temperature: -10°C to +70°C  
Life Expectancy: 50,000 Hours at 40°C  
Mounting Orientation: Any

The SA120625BE is engineered for integration into compact electronic assemblies requiring consistent forced-air cooling, such as industrial power supply units and telecommunications equipment. Its dimensional profile makes the SA120625BE ideal for rack-mounted server chassis and automated control cabinets where space is at a premium but thermal dissipation cannot be compromised. Additionally, this model serves effectively in medical instrumentation cooling and CNC machinery control interfaces, providing reliable airflow to prevent component overheating.

## Supplemental Images

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