

SP100A 1123XBT.GN SUNON 115VAC 120x120x38mm AC Axial Fan Datasheet



Brand: SUNON

SKU: [682009980977](#)

Category: Axial & Centrifugal Fans

Price: **\$17.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/sp100a-1123xbt-gn-sunon-115vac-120x120x38mm-ac-axial-fan>

Product Description

The SUNON SP100A 1123XBT.GN is a high-durability AC Axial Fan designed for rigorous industrial cooling requirements. Built with a robust die-cast aluminum alloy frame and a UL94V-0 rated thermoplastic impeller, this unit offers superior structural rigidity and thermal resistance. It features a precision ball bearing system that ensures stable operation and extended service life under high-speed conditions. Operating at 115VAC, the fan utilizes a reliable shaded-pole motor design to deliver optimized airflow and static pressure, making it an essential component for managing thermal impedance in electronic and mechanical enclosures.

Model Number: SP100A 1123XBT.GN

Brand: SUNON

Product Type: AC Axial Fan

Rated Voltage: 115 VAC

Frequency: 50 / 60 Hz

Rated Current: 0.26 / 0.24 A

Input Power: 22 / 20 W

Rated Speed: 2850 / 3150 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 97 / 117 CFM (164.8 / 198.8 m³/h)

Max. Static Pressure: 0.30 / 0.34 Inch-H₂O (7.62 / 8.64 mmH₂O)

Dimensions: 120 x 120 x 38 mm

Weight: 550 g

Noise Level: 45 / 50 dB(A)

Frame Material: Aluminum Alloy

Impeller Material: Thermoplastic PBT (UL94V-0)

Termination: Terminals

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Motor Protection: Impedance Protected

Insulation Resistance: > 500M Ohms at 500VDC

Dielectric Strength: 1500 VAC for 1 Minute

Life Expectancy: 50,000 Hours (25°C)

Safety Certifications: UL, CUR, TUV, CE

The SP100A 1123XBT.GN is engineered for high-reliability industrial applications, including control cabinet cooling, server rack ventilation, and power supply thermal regulation. Due to its durable aluminum frame, the SP100A 1123XBT.GN is also ideal for CNC machinery and factory automation equipment where vibration resistance and continuous AC operation are required to maintain system integrity.

Supplemental Images

