9GT1224P1S001 Sanyo Denki 24VDC 120x120x38mm Axial Fan Datasheet

Brand: Sanyo Denki

SKU: 1045027155491

Category: Axial & Centrifugal Fans

Price: **$51.43**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/9gt1224p1s001-sanyo-denki-24vdc-120x120x38mm-axial-fan

Product Description

Sanyo Denki 9GT1224P1S001 is a 120 x 120 x 38 mm axial fan operating at 24 VDC with a 1.1 A rated current and 26.4 W power consumption. This high-performance unit features a robust aluminum frame and a plastic impeller rated UL 94V-1, utilizing a dual ball bearing system for extended operational life. The internal motor architecture includes PWM speed control functionality and a pulse sensor via a 4-wire lead interface, enabling precise thermal management. It delivers a maximum airflow of 6.0 m³/min (211.8 CFM) and a maximum static pressure of 270 Pa, maintaining structural integrity across an ultra-wide temperature range from -40 to +85 °C.

9GT1224P1S001 Specifications
Model Number: 9GT1224P1S001
Brand: Sanyo Denki
Series: San Ace 120T (9GT Type)
Frame Size: 120 x 120 x 38 mm
Rated Voltage: 24 VDC
Operating Voltage Range: 18.0 to 27.6 VDC
Rated Current: 1.1 A
Rated Input: 26.4 W
Rated Speed: 5600 RPM
Max Airflow: 6.0 m³/min

Max Airflow (CFM): 211.8 CFM
Max Static Pressure: 270 Pa
Max Static Pressure (inchH2O): 1.08 inchH2O
Sound Pressure Level: 58 dB(A)
Operating Temperature: -40 to +85 °C
Expected Life: 40,000 hours at 85 °C (162,000 hours at 40 °C)
Bearing Type: Dual Ball Bearing
Frame Material: Aluminum
Impeller Material: Plastic (UL 94V-1)
Sensor Type: Pulse Sensor
Control Interface: PWM Control
Mass: 420 g
Safety Approvals: UL, CSA, EN, RoHS

9GT1224P1S001 Applications

Primary applications include integration into high-density server racks, telecommunications base stations, and industrial power inverter enclosures. Deployed within CNC machine tool control cabinets and medical imaging equipment requiring high-pressure forced-air cooling in extreme wide-temperature environments.

Supplemental Images