

9GL1224G1D01 Sanyo Denki 24VDC 120x120x38mm 0.50A Axial Fan Datasheet



Brand: Sanyo Denki

SKU: 986248341074

Category: Axial & Centrifugal Fans

Price: \$40.99

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/9gl1224g1d01-sanyo-denki-24vdc-120x120x38mm-0-50a-axial-fan>

Product Description

The Sanyo Denki 9GL1224G1D01 is a robust industrial axial fan designed for mission-critical cooling applications requiring extended operational lifespans. Part of the renowned San Ace 120L Long Life series, this unit integrates a high-efficiency DC motor with a precision dual ball bearing architecture, ensuring superior rotational stability and minimized frictional wear. The aerodynamic impeller is engineered to deliver high volumetric airflow while maintaining a manageable thermal impedance profile. Its structural rigidity is reinforced by a die-cast aluminum frame, providing exceptional resistance to vibration and thermal stress in demanding industrial environments.

Model Number: 9GL1224G1D01

Brand: Sanyo Denki

Series: San Ace 120L (Long Life)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.50 A

Power Consumption: 12.0 W

Rated Speed: 3100 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 109 CFM (3.1 m³/min)

Max. Static Pressure: 7.1 mmH₂O (69.6 Pa / 0.28 inH₂O)

Dimensions: 120x120x38 mm

Weight: 370 g

Life Expectancy: 100,000 Hours (at 60°C)

Noise Level: 42 dBA

Frame Material: Die-cast Aluminum

Impeller Material: Plastic (UL94V-1)

Termination: 3-Wire (Lead Wires)

Sensor Type: Pulse Sensor (Tachometer / D01)

Operating Temperature: -10 to +70°C

Storage Temperature: -30 to +70°C

Dielectric Strength: 50/60 Hz, 500 VAC, 1 minute

Motor Protection: Locked Rotor Protection, Reverse Polarity Protection

Flammability Rating: UL94V-1

The 9GL1224G1D01 is specifically engineered for high-availability systems where maintenance intervals must be maximized, such as in remote telecommunications infrastructure, server racks, and continuous-duty industrial automation cabinets. Due to its aluminum construction and long-life bearing system, the 9GL1224G1D01 effectively manages heat dissipation in power supply units and solar inverters, ensuring component reliability over extended periods.

Supplemental Images

