

9LG1224M1D001 Sanyo Denki 24VDC 120x120x38mm Long Life Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [1013897599653](#)

Category: Axial & Centrifugal Fans

Price: **\$25.99**

E-mail: sales@equipspares.com

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

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Product Description

The Sanyo Denki 9LG1224M1D001 is a precision-engineered Axial Fan designed for mission-critical thermal management within the renowned San Ace 120L Long Life series. Utilizing advanced DC brushless motor technology paired with a robust dual ball bearing architecture, this unit ensures exceptional rotational stability and minimized friction for extended operational lifecycles. The 120mm chassis features a high-rigidity aluminum die-cast frame construction that optimizes aerodynamic throughput while reducing vibration-induced noise. Engineered for continuous duty, it delivers superior airflow-to-static pressure ratios, making it an ideal solution for systems requiring low thermal impedance and high reliability under demanding industrial conditions.

Model Number: 9LG1224M1D001

Brand: Sanyo Denki

Product Type: DC Axial Fan

Series: San Ace 120L (Long Life)

Rated Voltage: 24VDC

Operating Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.11 A

Power Consumption: 2.64 W

Rated Speed: 2000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 76.6 CFM (130 m³/h / 2.17 m³/min)

Max. Static Pressure: 5.0 mmH₂O (49 Pa / 0.19 inH₂O)

Dimensions: 120x120x38mm

Weight: 370 g

Life Expectancy: 100,000 Hours (L10 at 60°C)

Frame Material: Aluminum Die-cast

Impeller Material: Plastic (UL94V-0)

Noise Level: 33 dB(A)

Termination: 4-Wire Lead

Ingress Protection: IP54 (Optional)

Operating Temperature: -10°C to +70°C

Storage Temperature: -30°C to +70°C

Motor Protection: Locked Rotor Protection, Reverse Polarity Protection

Sensor Output: Locked Rotor Sensor (Pulse Sensor)

Mounting Orientation: Any

The 9LG1224M1D001 is extensively utilized in high-density server racks and telecommunications infrastructure where continuous uptime is non-negotiable. Its robust metal frame construction makes it equally suitable for industrial automation enclosures and CNC machinery requiring consistent thermal dissipation. By integrating the 9LG1224M1D001 into power supply units and medical instrumentation, engineers ensure long-term component stability through efficient heat evacuation in restricted airflow environments.

Supplemental Images

