

9GV1224P1J01 Sanyo Denki 24VDC 120x120x38mm PWM Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [817034471429](#)

Category: Axial & Centrifugal Fans

Price: **\$27.99**

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Product Page:

<https://www.equipspares.com/product/9gv1224p1j01-sanyo-denki-24vdc-120x120x38mm-pwm-axial-fan>

Product Description

The Sanyo Denki 9GV1224P1J01 is a DC Axial Fan engineered for high-density thermal management applications requiring significant static pressure. Utilizing a brushless DC motor with advanced PWM control, this unit offers precise speed modulation to optimize cooling efficiency while minimizing power consumption. The 9GV series features a specialized guide vane frame design that reduces air turbulence and enhances structural rigidity, ensuring stable operation under high aerodynamic loads. Its dual ball bearing architecture minimizes thermal impedance and extends service life in demanding environments. This fan is designed to maintain critical airflow in systems with high impedance, providing a robust solution for industrial-grade cooling requirements.

Model Number: 9GV1224P1J01

Brand: Sanyo Denki

Product Type: Axial Fan

Rated Voltage: 24VDC

Voltage Range: 20.4 - 27.6 VDC

Rated Current: 1.5 A

Power: 36 W

Rated Speed: 6400 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 224 CFM (380.5 m³/h / 6.34 m³/min)

Max. Static Pressure: 34.6 mmH₂O (340 Pa / 1.36 inH₂O)

Dimensions: 120x120x38mm

Weight: 290 g

Life Expectancy: 40,000 Hours at 60°C

Speed Control: PWM (Pulse Width Modulation)

Output Signal: Tachometer (Pulse Sensor)

Noise Level: 61 dB(A)

Housing Material: Plastic (UL94V-0)

Blade Material: Plastic (UL94V-0)

Termination: 4 Lead Wires

Operating Temperature: -20 to +70 °C

Storage Temperature: -30 to +70 °C

Protection Features: Locked Rotor Burnout Protection, Reverse Polarity Protection

Insulation Resistance: 10 MΩ or more (500VDC)

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

The 9GV1224P1J01 is primarily deployed in high-performance computing environments and telecommunications infrastructure where heat dissipation is critical. Its high static pressure capabilities make the 9GV1224P1J01 ideal for cooling densely packed server racks, power supply units, and industrial frequency inverters. Additionally, it is frequently integrated into medical imaging equipment and CNC control cabinets to ensure component longevity through consistent thermal regulation.

Supplemental Images

