

9GB1212P4G01 Sanyo Denki 12VDC 120x120x25mm Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [677040075258](#)

Category: Axial & Centrifugal Fans

Price: **\$29.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/9gb1212p4g01-sanyo-denki-12vdc-120x120x25mm-axial-fan>

Product Description

The Sanyo Denki 9GB1212P4G01 is a high-performance DC axial fan engineered for mission-critical thermal management. Utilizing a sophisticated brushless DC motor architecture and precision dual ball bearing system, this unit minimizes thermal impedance while maintaining structural rigidity under high rotational velocities. The aerodynamic impeller design is optimized for high static pressure, ensuring efficient heat dissipation in densely packed electronic environments. Integrated pulse width modulation (PWM) allows for precise speed control, optimizing the balance between airflow requirements and acoustic output while extending the operational lifecycle of the internal components.

Model Number: 9GB1212P4G01

Brand: Sanyo Denki

Product Type: Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 1.68A

Power: 20.16W

Rated Speed: 4500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 148.3 CFM (4.2 m³/min)

Max. Static Pressure: 160 Pa (0.64 inH₂O)

Dimensions: 120x120x25mm

Weight: 290g

Life Expectancy: 40,000 Hours at 60°C

Speed Control: PWM Control

Output Signal: Tachometer (Pulse Sensor)

Noise Level: 54 dB(A)

Housing Material: Plastic (UL94V-0)

Blade Material: Plastic (UL94V-0)

Termination: 4-Wire Lead Wires

Operating Temperature: -20 to +70°C

Storage Temperature: -30 to +70°C

Protection Features: Locked Rotor Protection, Reverse Polarity Protection

Insulation Class: Class E

Certifications: UL, CSA, TUV, CE, RoHS

This high-velocity axial fan is specifically designed for integration into enterprise-grade server racks and telecommunications infrastructure where the 9GB1212P4G01 provides essential cooling for high-density blade servers. Beyond data centers, the 9GB1212P4G01 is frequently utilized in industrial automation cabinets and medical imaging equipment to prevent component overheating. Its robust construction ensures reliable performance in CNC machinery and power supply units requiring consistent, high-pressure airflow.

Supplemental Images

