

9G1212P1G04 Sanyo Denki 12V 0.83A 120x120x38mm DC Axial Fan

SKU: 9G1212P1G04

Price: \$69.99

Categories: Fans

Tags: Sanyo Denki

Product Link:

<https://www.electspares.com/product/9g1212p1g04-sanyo-denki-12v-0-83a-120x120x38mm-dc-axial-fan/>

Product Description

The Sanyo Denki 9G1212P1G04 is a high-performance 12VDC axial fan with dimensions of 120 x 120 x 38 mm, specifically engineered for maximum thermal management in demanding industrial and server applications. As part of the San Ace 120 (9G type) series, this cooling solution features a robust plastic frame and a specialized 7-blade high-efficiency impeller (UL 94V-0), optimized for superior aerodynamic throughput and high static pressure. It operates at a rated speed of 6,400 RPM, delivering an impressive air flow of 183.6 CFM (312 m³/h) and a peak static pressure of 1.16 inH₂O (290 Pa). Equipped with a high-precision dual ball bearing system and PWM control functionality, the 9G1212P1G04 allows for precise speed modulation and ensures a reliable service life of 70,000 hours at 40°C. This model is characterized by its high power-to-size ratio and integrated speed monitoring, making it a critical component for high-end server racks, telecommunications base stations, and high-wattage power supplies.

9G1212P1G04 Fan Parameters

Manufacturer: Sanyo Denki

Model Number: 9G1212P1G04

Type: DC Axial Fan

Series: San Ace 120 (9G type)

Dimensions: 120 x 120 x 38 mm

Weight: 330 g

Frame Material: Plastics (UL 94V-0)

Impeller Material: Plastics (UL 94V-0)

Bearing Type: Dual Ball Bearing

Number of Blades: 7

Rated Voltage: 12 VDC

Operating Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.83 A

Rated Input Power: 9.96 W

Rated Speed: 6,400 RPM

Max. Air Flow: 183.6 CFM (312 m³/h / 5.2 m³/min)

Max. Static Pressure: 1.16 inH₂O (290 Pa / 29.6 mmH₂O)

Sound Pressure Level: 60 dB(A)

Termination: 4 Lead Wires (300 mm)

Wire Functions: Red (+), Black (-), Yellow (Tachometer), Brown (PWM)

Control Interface: PWM Control / Pulse Sensor

Operating Temperature: -20 - +70 °C

Storage Temperature: -30 - +70 °C

Expected Life: 70,000 h (at 40 °C) / 40,000 h (at 60 °C)

Locked Rotor Protection: Supported

Reverse Polarity Protection: Supported

Safety Approvals: UL, CSA, TUV, RoHS

Application

The Sanyo Denki 9G1212P1G04 high-speed axial fan is specifically designed for cooling high-performance 4U/5U server chassis, telecommunications rectifiers, large-scale industrial frequency converters, medical imaging systems, and heavy-duty power conversion units.

Product Images









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