9SG5748P5G01 Sanyo Denki 48V DC Axial Fan

SKU: 9SG5748P5G01

Price: $127.61

Categories: Fans

Tags: Sanyo Denki

Product Link:
https://www.elecspares.com/product/9sg5748p5g01-sanyo-denki-48v-dc-axial-fan/

Product Description

The Sanyo Denki 9SG5748P5G01 is a powerful DC Axial Fan from the San Ace 172 series, measuring 172 mm in diameter and 51 mm in depth (frame dimensions 172×150×51 mm). This High Performance fan is engineered for high-density cooling, delivering a substantial maximum airflow of 927.6 m3/h (546 CFM) and an exceptionally high maximum static pressure of 1000 Pa. It operates on 48 VDC (with an operating range of 36 VDC to 72 VDC), consumes 140 W of power, and achieves a high rated speed of 8600 RPM with a noise level of 78 dBA. Constructed with an Aluminum frame and Ball Bearings, and featuring PWM Control and a Pulse sensor (Tachometer) for precise speed regulation and monitoring, this fan is ideal for cooling advanced ICT equipment such as servers, data storage systems, and networking devices where high thermal loads and system impedance require superior static pressure.

9SG5748P5G01 Fan Parameters
Model: 9SG5748P5G01
Manufacturer: Sanyo Denki
Fan Type: DC Axial Fan
Dimensions: 172×150×51 mm
Nominal Voltage: 48 VDC
Operating Voltage Range: 36 VDC to 72 VDC
Rated Current: 2.91 A
Power Consumption: 140 W
Rated Speed: 8600 RPM
Airflow (Maximum): 927.6 m3/h
Static Pressure (Maximum): 1000 Pa
Noise Rating: 78 dBA
Bearing System: Ball Bearing
Termination: 4 Wire Leads

Frame Material: Aluminum
Blade Material: Plastic
Features: PWM Control, Pulse sensor (Tachometer), Locked Rotor Protection, Reverse Polarity Protection
Operating Temperature: −20 ∘C to +60 ∘C
Expected Life (L10): 40000 h at 60∘C
Mass: 760 g

Application
The 9SG5748P5G01 is a high static pressure fan developed to address the dense thermal management requirements of modern ICT equipment. Its extremely high static pressure capability makes it essential for cooling blade servers, storage arrays, telecom equipment, and high-performance computing clusters where airflow is significantly restricted by compact hardware, filters, or narrow air passages. PWM control functionality allows the fan speed to be dynamically adjusted to maintain optimal component temperatures and reduce energy consumption and noise during periods of lower heat output.

Product Images

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