

# 9SG5724P5H61 Sanyo Denki 24VDC 172x150x51mm PWM Axial Fan Datasheet



**Brand:** Sanyo Denki

**SKU:** [1015220086427](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$47.99**

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Product Page:

<https://www.equipspares.com/product/9sg5724p5h61-sanyo-denki-24vdc-172x150x51mm-pwm-axial-fan>

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## Product Description

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The Sanyo Denki 9SG5724P5H61 is a high-performance Axial Fan engineered for demanding industrial thermal management applications. Belonging to the robust San Ace 172 9SG series, this unit utilizes a high-torque DC motor integrated with a precision dual ball bearing architecture to ensure operational longevity and reduced frictional coefficients under continuous load. The aerodynamic profile features a side-cut aluminum frame measuring 172x150x51mm, optimized to minimize thermal impedance while delivering exceptional static pressure capabilities. Designed with structural rigidity in mind, the impeller is dynamically balanced to mitigate vibration, making it suitable for high-density electronic enclosures requiring consistent airflow performance and reliability.

Model Number: 9SG5724P5H61

Brand: Sanyo Denki

Series: San Ace 172 (9SG Type)

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 20.4 - 27.6 VDC

Rated Current: 2.8 A

Rated Power: 67.2 W

Rated Speed: 6000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 410 CFM (696.6 m<sup>3</sup>/h / 11.61 m<sup>3</sup>/min)

Max. Static Pressure: 61.18 mmH<sub>2</sub>O (600 Pa / 2.41 inH<sub>2</sub>O)

Dimensions: 172mm x 150mm x 51mm

Frame Material: Aluminum (Side Cut)

Impeller Material: Plastic (UL94V-0)

Noise Level: 68 dB(A)

Life Expectancy: 40,000 Hours at 60°C

Speed Control: PWM (Pulse Width Modulation)

Termination: Lead Wires

Operating Temperature: -20°C to +70°C

Storage Temperature: -30°C to +70°C

Protection: Locked Rotor Protection, Reverse Polarity Protection

Ingress Protection: IP54 (Optional configuration)

Weight: 580g

The 9SG5724P5H61 is specifically calibrated for high-performance cooling in industrial automation and telecommunications infrastructure. Its high static pressure capabilities make the 9SG5724P5H61 ideal for forcing air through densely packed server racks, large-scale power inverters, and CNC machinery cabinets where airflow resistance is significant. Additionally, this model serves effectively in medical instrumentation and heat exchanger systems requiring reliable, continuous duty cycles.

## Supplemental Images

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