

# 9GV0848P1G03 Sanyo Denki 48V 80x80x38 mm DC Axial Fan

**SKU:** 9GV0848P1G03

**Price:** \$69.99

**Categories:** Fans

**Tags:** Sanyo Denki

**Product Link:**

<https://www.electspares.com/product/9gv0848p1g03-sanyo-denki-48v-80x80x38-mm-dc-axial-fan/>

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## Product Description

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The Sanyo Denki 9GV0848P1G03 is a high-performance 48VDC axial fan featuring dimensions of 80 x 80 x 38 mm. Driven by a 0.84A motor with a rated power consumption of 40.32W, this 9GV series model achieves a 10200 RPM high-speed rotation, delivering an intensive 1.97 inH<sub>2</sub>O (490.0 Pa) static pressure and 125.4 CFM airflow capacity. Its technical construction integrates a precision dual ball bearing system and a glass-fiber reinforced plastic impeller (UL 94V-0) to ensure structural integrity and a 40,000-hour expected life at 60 °C. The 4-wire PWM interface provides integrated speed regulation and tachometer monitoring, complemented by built-in locked rotor and reverse polarity protection for stable continuous S1 operation at the end.

9GV0848P1G03 Fan Parameters

Model Number: 9GV0848P1G03

Manufacturer: Sanyo Denki

Series: San Ace 80 (9GV Type)

Type: DC Axial Fan

Dimensions: 80 x 80 x 38 mm

Weight: 170 g

Bearing Type: Dual ball bearing

Nominal Voltage: 48 VDC

Operating Voltage Range: 36.0 - 54.0 VDC

Current Draw: 0.84 A

Power Consumption: 40.32 W

Rated Speed: 10200 RPM

Max. Air Flow: 125.4 CFM (213.0 m<sup>3</sup>/h / 3.55 m<sup>3</sup>/min)

Max. Static Pressure: 50.00 mmH<sub>2</sub>O (490.0 Pa / 1.97 inH<sub>2</sub>O)

Sound Pressure Level: 64 dB(A)

Control Interface: 4-wire PWM (

Sensor Output: Pulse sensor (Tachometer)

Impeller Material: Plastic (UL 94V-0), glass-fiber reinforced

Frame Material: Plastic (UL 94V-0), glass-fiber reinforced

Direction of Rotation: Counter-clockwise (viewed toward rotor)

Degree of Protection: IP00

Expected Life: 40000 hours at 60 °C (70000 hours at 40 °C)

Motor Protection: Locked rotor burnout protection / Reverse polarity protection

Installation Position: Any

Mode: S1 (Continuous operation)

Max. Ambient Temperature: 70 °C

Min. Ambient Temperature: -20 °C

Standard Compliance: UL; CSA; TÜV; CE; RoHS

#### Application

The Sanyo Denki 9GV0848P1G03 is a critical cooling component for server storage systems, high-density networking switches, and industrial power supplies where high-velocity airflow and extreme static pressure are required in an 80mm configuration.

## Product Images

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