

# 9HV0812P1G001 Sanyo Denki 12V 80x80x38mm DC Axial Fan

**SKU:** 9HV0812P1G001

**Price:** \$98.79

**Categories:** Fans

**Tags:** Sanyo Denki

**Product Link:**

<https://www.electspares.com/product/9hv0812p1g001-sanyo-denki-12v-80x80x38mm-dc-axial-fan/>

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## Product Description

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The Sanyo Denki 9HV0812P1G001 is a high-performance 12VDC axial fan with dimensions of 80 x 80 x 38 mm. This industrial-grade cooling solution is engineered for ultra-high static pressure and extreme speed operation, ensuring optimal thermal management in high-impedance electronic environments. It features a robust dual ball bearing system, a 5-blade high-efficiency impeller, and PWM speed control for precise airflow regulation and an extended service life. The unit is specifically designed for high-density servers, networking equipment, and industrial power supplies where space is limited but heat dissipation requirements are extreme.

### 9HV0812P1G001 Fan Parameters

Manufacturer: Sanyo Denki

Model Number: 9HV0812P1G001

Series: San Ace 80 9HV type

Type: DC Axial Fan

Dimensions: 80 x 80 x 38 mm

Impeller Size: 76 mm

Number of Blades: 5

Rated Voltage: 12 VDC

Operating Voltage Range: 10.8 - 13.2 VDC

Rated Current: 3.4 A

Rated Input Power: 40.8 W

Rated Speed: 14,900 RPM

Max. Air Flow: 123.6 CFM (210 m<sup>3</sup>/h / 3.5 m<sup>3</sup>/min)

Max. Static Pressure: 4.02 inAq (1000 Pa / 102 mmH<sub>2</sub>O)

Sound Pressure Level: 70 dB(A)

Sound Power Level: 80 dB(A)  
Bearing Type: Dual Ball Bearing  
Weight: 210 g  
Control Interface: PWM Control / Tachometer Sensor  
PWM Control Frequency: 25 kHz  
PWM Duty Cycle: 0 - 100%  
Operating Temperature: -20 - +70 °C  
Storage Temperature: -30 - +70 °C  
Expected Life: 40,000 h (at 60 °C) / 70,000 h (at 40 °C)  
Material Frame: Plastics (UL 94V-0)  
Material Impeller: Plastics (UL 94V-0)  
Locked Rotor Protection: Supported  
Reverse Polarity Protection: Supported  
Dielectric Strength: 50/60 Hz, 500 VAC, for 1 minute  
Insulation Resistance: 10 MΩ or more (500 VDC)

#### Application

This high-performance axial fan is specifically designed for cooling high-density equipment such as 2U servers, communication base stations, high-end workstations, and industrial frequency converters where overcoming high impedance and maintaining consistent airflow is critical.

## **Product Images**

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Scan for product details:

