

9HV0848P1G0041 Sanyo Denki 48VDC 0.85A 80x80x38mm Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [987672478571](#)

Category: Axial & Centrifugal Fans

Price: **\$17.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/9hv0848p1g0041-sanyo-denki-48vdc-0-85a-80x80x38mm-axial-fan>

Product Description

The Sanyo Denki 9HV0848P1G0041 is a high-performance Axial Fan engineered for applications requiring exceptional static pressure and airflow density. Utilizing advanced DC motor technology and a robust Dual Ball Bearing architecture, this unit ensures minimized thermal impedance and prolonged operational stability under high-load conditions. The 80x80x38mm frame houses a precision-balanced impeller designed to optimize aerodynamic efficiency, delivering significant cooling capacity while maintaining structural rigidity. With integrated PWM speed control, the 9HV0848P1G0041 allows for dynamic thermal management, making it an ideal solution for dense electronic enclosures where back-pressure resistance is critical. This model exemplifies industrial-grade reliability, featuring flame-retardant materials and sophisticated circuit protection to withstand rigorous continuous operation.

Model Number: 9HV0848P1G0041

Brand: Sanyo Denki

Series: San Ace 80 9HV Type

Product Type: DC Axial Fan

Rated Voltage: 48 VDC

Voltage Range: 36.0 - 60.0 VDC

Rated Current: 0.85 A

Rated Input Power: 40.8 W

Rated Speed: 13500 RPM

Max. Air Flow: 132 CFM (3.74 m³/min)

Max. Static Pressure: 1100 Pa (4.42 inH₂O)

Dimensions: 80 x 80 x 38 mm

Weight: 230 g

Bearing Type: Dual Ball Bearing

Life Expectancy: 40,000 hours (L10 at 60°C)

Noise Level: 64 dB(A)

Speed Control: PWM (Pulse Width Modulation)

Sensor: Pulse Sensor (Tachometer)

Material Frame: Plastics (UL94V-0)

Material Impeller: Plastics (UL94V-0)

Operating Temperature: -20°C to +70°C

Storage Temperature: -30°C to +70°C

Termination: 4-Wire Lead

Ingress Protection: None (Standard)

Dielectric Strength: 50/60 Hz, 500 VAC, 1 minute

Motor Protection: Locked Rotor Protection, Reverse Polarity Protection

The 9HV0848P1G0041 is specifically engineered for high-density industrial and telecommunications environments where overcoming system impedance is paramount. Common deployment scenarios include high-performance server racks, RAID storage arrays, and telecommunications base stations requiring reliable forced-air cooling against high back-pressure. Additionally, the 9HV0848P1G0041 is utilized in industrial automation equipment, inverters, and power supply units where compact form factors restrict airflow paths, necessitating the extreme static pressure capabilities of this specialized cooling solution.

Supplemental Images

