

9HV0612P1J006 Sanyo Denki 12VDC 60x60x38mm PWM Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [936109049399](#)

Category: Axial & Centrifugal Fans

Price: **\$20.99**

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<https://www.equipspares.com/product/9hv0612p1j006-sanyo-denki-12vdc-60x60x38mm-pwm-axial-fan>

Product Description

The Sanyo Denki 9HV0612P1J006 is a high-static pressure DC Axial Fan engineered for mission-critical cooling applications requiring exceptional airflow density and aerodynamic efficiency. Part of the elite San Ace 60 9HV series, this unit features a specialized impeller and frame design that significantly reduces thermal impedance while maintaining structural rigidity under high-velocity operation. Utilizing a precision dual ball bearing architecture, it ensures long-term reliability and consistent rotational stability. The integrated PWM control functionality allows for dynamic speed modulation, optimizing the balance between acoustic performance and cooling capacity in demanding industrial environments.

Model Number: 9HV0612P1J006

Brand: Sanyo Denki

Product Type: DC Axial Fan

Series: San Ace 60 (9HV Type)

Rated Voltage: 12VDC

Operating Voltage Range: 10.8 - 13.2 VDC

Rated Current: 2.7 A

Power Consumption: 32.4 W

Rated Speed: 17500 RPM

Max. Air Flow: 67.4 CFM (1.91 m³/min)

Max. Static Pressure: 1000 Pa (4.02 inH₂O)

Dimensions: 60 x 60 x 38 mm

Bearing Type: Dual Ball Bearing

Noise Level: 64.0 dB(A)

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

Speed Control: PWM (Pulse Width Modulation)

Signal Output: Tachometer (RPM Sensor)

Termination: 4-Wire Lead

Frame Material: Plastics (Flammability: UL94V-0)

Impeller Material: Plastics (Flammability: UL94V-0)

Operating Temperature: -20 to +70 °C

Mounting Orientation: Any

Ingress Protection: Standard

The 9HV0612P1J006 is specifically optimized for high-density electronic enclosures where back pressure is a significant factor, such as 1U and 2U server racks, RAID arrays, and telecommunications equipment. Its compact 60mm form factor combined with extreme static pressure capabilities makes the 9HV0612P1J006 an ideal solution for forced-air cooling in precision medical devices, industrial power supplies, and high-performance network switches.

Supplemental Images

