

# 9PH0812P7S06 Sanyo Denki 12VDC 80x80x15mm Axial Fan Datasheet



**Brand:** Sanyo Denki

**SKU:** [1031205394048](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$16.99**

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**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

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

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Product Page:

<https://www.equipspares.com/product/9ph0812p7s06-sanyo-denki-12vdc-80x80x15mm-axial-fan>

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## Product Description

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Sanyo Denki 9PH0812P7S06 is a 12VDC 80x80x15mm Axial Fan optimized for high-density thermal management in space-constrained enclosures. This San Ace 80 series model utilizes a sophisticated dual ball bearing architecture to minimize mechanical friction and extend service life in continuous duty cycles. The aerodynamic impeller design is engineered to reduce thermal impedance while maintaining structural rigidity under high rotational velocities. Operating at a rated current of 0.26A, this DC fan delivers a balanced performance profile with a nominal speed of approximately 3500 RPM, ensuring efficient heat dissipation with low acoustic signatures. The integrated 4-wire PWM control allows for precise thermal regulation, making it a critical component for systems requiring dynamic cooling response.

Model Number: 9PH0812P7S06

Brand: Sanyo Denki

Product Type: Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.26 A

Power: 3.12 W

Rated Speed: 3500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 35.3 CFM (1.0 m<sup>3</sup>/min)

Max. Static Pressure: 42.1 Pa (0.169 inH<sub>2</sub>O)

Dimensions: 80 x 80 x 15 mm

Weight: 70 g

Life Expectancy: 40000 h at 60°C

Speed Control: PWM Control

Output Signal: Tachometer (Pulse Sensor)

Noise Level: 33 dB(A)

Housing Material: Plastic (UL94V-0)

Blade Material: Plastic (UL94V-0)

Termination: 4-Lead Wires

Operating Temperature: -20 to +70 °C

Storage Temperature: -30 to +70 °C

Protection Features: Locked Rotor Burnout Protection, Reverse Polarity Protection

Certifications: UL, CSA, TUV, RoHS

#### 9PH0812P7S06 Applications

1. 1U/2U Rackmount Servers: The 15mm low-profile form factor allows for high-velocity airflow in slim chassis where standard 25mm fans cannot fit.
2. Industrial Power Supply Units: High-reliability dual ball bearings ensure consistent cooling for internal switching components, serving as a premium replacement fan for aging PSU units.
3. Telecommunications Control Cabinets: Optimized for overcoming moderate system impedance in sealed environments while maintaining low vibration for sensitive optical or radio hardware.

## Supplemental Images

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