

# 109P0424H316 Sanyo Denki 24VDC 40x40x28mm Axial Fan Datasheet



**Brand:** Sanyo Denki

**SKU:** [680264344469](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$15.99**

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Product Page:

<https://www.equipspares.com/product/109p0424h316-sanyo-denki-24vdc-40x40x28mm-axial-fan>

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## Product Description

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The Sanyo Denki 109P0424H316 is a precision-engineered DC Axial Fan designed for high-density thermal management applications. Part of the renowned San Ace 40 series, this unit utilizes advanced DC brushless motor technology paired with a robust double ball bearing architecture to ensure minimal friction and extended operational longevity. The aerodynamic impeller design optimizes airflow efficiency while maintaining structural rigidity under high-speed rotation. Engineered for reliability, the 109P0424H316 delivers consistent cooling performance, effectively lowering thermal impedance in compact electronic enclosures and industrial instrumentation.

Model Number: 109P0424H316

Brand: Sanyo Denki

Product Type: DC Axial Fan

Series: San Ace 40 (9P Type)

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.095 A

Power: 2.28 W

Rated Speed: 7400 RPM

Bearing Type: Double Ball Bearing

Max. Air Flow: 9.5 CFM (0.27 m<sup>3</sup>/min)

Max. Static Pressure: 6.0 mmH<sub>2</sub>O (58.8 Pa / 0.236 inH<sub>2</sub>O)

Dimensions: 40x40x28 mm

Weight: 50 g

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

Noise Level: 34 dBA

Frame Material: Plastics (UL94V-0)

Impeller Material: Plastics (UL94V-0)

Operating Temperature: -10 to +70°C

Storage Temperature: -30 to +70°C

Termination: Lead Wires

Motor Protection: Locked Rotor Protection, Reverse Polarity Protection

This cooling solution is specifically engineered for compact industrial and telecommunications environments where space is limited but thermal loads are significant. The 109P0424H316 is frequently integrated into 1U server racks, network switches, and precision medical instrumentation requiring reliable forced convection. Additionally, the 109P0424H316 serves as a critical component in CNC control modules and power supply units, ensuring component stability by preventing heat accumulation in dense circuit layouts.

## Supplemental Images

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