

109P4405H8016 Sanyo Denki 5VDC 40x40x28mm Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [730415036254](#)

Category: Axial & Centrifugal Fans

Price: **\$76.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/109p4405h8016-sanyo-denki-5vdc-40x40x28mm-axial-fan>

Product Description

The Sanyo Denki 109P4405H8016 is a precision-engineered Axial Fan designed for high-density electronic cooling applications. Part of the renowned San Ace series, this unit utilizes a highly efficient DC motor architecture coupled with a robust dual ball bearing system to ensure operational longevity and reduced thermal impedance. The aerodynamic blade geometry is optimized to deliver consistent airflow while maintaining structural rigidity under continuous operation. Engineered for reliability, the 109P4405H8016 provides superior thermal management for sensitive components requiring stable 5VDC power input.

Model Number: 109P4405H8016

Brand: Sanyo Denki

Series: San Ace 40 (109P Type)

Product Type: DC Axial Fan

Rated Voltage: 5 VDC

Operating Voltage Range: 4.5 - 5.5 VDC

Rated Current: 0.14 A

Input Power: 0.70 W

Rated Speed: 6800 RPM

Max. Air Flow: 7.4 CFM (0.21 m³/min)

Max. Static Pressure: 4.9 mmH₂O (48 Pa)

Dimensions: 40 x 40 x 28 mm

Bearing Type: Dual Ball Bearing

Noise Level: 28 dBA

Frame Material: Plastics (UL94V-0)

Impeller Material: Plastics (UL94V-0)

Motor Protection: Current Blocking Function, Reverse Polarity Protection

Insulation Resistance: 10M Ohms min. at 500VDC

Dielectric Strength: 500VAC for 1 minute

Operating Temperature: -10 to +70 Degrees Celsius

Storage Temperature: -30 to +70 Degrees Celsius

Life Expectancy: 40,000 Hours (60C) / 70,000 Hours (40C)

Termination: Lead Wire (Red +, Black -, Yellow Sensor)

Weight: 50 g

The 109P4405H8016 is frequently integrated into compact industrial enclosures, medical instrumentation, and telecommunications equipment where space is at a premium. Its compact 40mm form factor allows the 109P4405H8016 to be mounted in high-density server racks and power supply units, ensuring critical components remain within safe thermal operating limits during continuous duty cycles.

Supplemental Images

