

109R0824S401 Sanyo Denki 24VDC 80x80x25mm Silent Axial Fan Datasheet



Brand: Sanyo Denki

SKU: 973460615663

Category: Axial & Centrifugal Fans

Price: \$24.99

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Product Page:

<https://www.equipspares.com/product/109r0824s401-sanyo-denki-24vdc-80x80x25mm-silent-axial-fan>

Product Description

The Sanyo Denki 109R0824S401 is a precision-engineered DC Axial Fan designed for critical thermal management within the San Ace 80 series. Utilizing advanced dual ball bearing architecture, this unit ensures minimal friction and exceptional longevity, significantly reducing thermal impedance in high-density enclosures. The aerodynamic impeller design optimizes the pressure-to-flow ratio, delivering consistent cooling performance while maintaining structural rigidity and low acoustic resonance. Engineered for continuous operation, it represents a robust solution for industrial and telecommunication environments requiring reliable heat dissipation.

Model Number: 109R0824S401

Brand: Sanyo Denki

Series: San Ace 80

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.1 A

Power Input: 2.4 W

Rated Speed: 2900 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 36.4 CFM (1.03 m³/min)

Max. Static Pressure: 3.5 mmH₂O (34.3 Pa / 0.137 inH₂O)

Dimensions: 80 x 80 x 25 mm

Noise Level: 29 dB(A)

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

Frame Material: Plastics (Flammability: UL94V-0)

Impeller Material: Plastics (Flammability: UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -30°C to +70°C

Protection: Locked Rotor Protection, Reverse Polarity Protection

Termination: Lead Wires

Weight: 110 g

Designed for versatility and reliability, the 109R0824S401 is an ideal component for maintaining optimal operating temperatures in server racks, network cabinets, and industrial automation control panels. Its balanced airflow profile makes it suitable for medical instrumentation and power supply cooling where consistent thermal regulation is paramount. Integrators frequently select the 109R0824S401 for chassis ventilation and telecommunications equipment, ensuring sensitive electronics remain within safe thermal limits during prolonged operation.