

# 109R0812M401 Sanyo Denki 12VDC 80x80x25mm Axial Fan Datasheet



**Brand:** Sanyo Denki

**SKU:** [109R0812M401](#)

**Category:** Industrial Fans

**Price:** **\$19.99**

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Product Page:

<https://www.equipspares.com/product/109r0812m401-sanyo-denki-12vdc-80x80x25mm-axial-fan>

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## Product Description

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The Sanyo Denki 109R0812M401 is a precision-engineered Axial Fan designed for critical thermal management in industrial and server environments. Utilizing advanced DC motor technology coupled with a robust dual ball bearing architecture, this unit ensures minimal friction and extended operational longevity. The aerodynamic impeller design optimizes airflow efficiency while maintaining a low thermal impedance profile, making it suitable for continuous duty cycles. Its structural rigidity and flame-retardant housing comply with rigorous safety standards, providing reliable cooling performance where stability and durability are paramount.

Model Number: 109R0812M401

Brand: Sanyo Denki (San Ace)

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.09 A

Power Input: 1.08 W

Rated Speed: 2300 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 29.3 CFM (0.83 m<sup>3</sup>/min)

Max. Static Pressure: 2.4 mmH<sub>2</sub>O (23.5 Pa / 0.09 inH<sub>2</sub>O)

Dimensions: 80x80x25mm

Weight: 110 g

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

Noise Level: 23 dBA

Frame Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -30°C to +70°C

Termination: Lead Wires

Protection: Locked Rotor Protection, Reverse Polarity Protection

Safety Certifications: UL, CSA, TUV

This cooling solution is specifically engineered for high-reliability environments such as server racks, telecommunications equipment, and industrial automation systems. The 109R0812M401 excels in chassis cooling where consistent airflow is required to dissipate heat from sensitive electronic components. Additionally, the 109R0812M401 is frequently utilized in power supply units and medical instrumentation, ensuring optimal operating temperatures are maintained to prevent thermal throttling and hardware failure.

## Supplemental Images

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