

# 109-603 Sanyo Denki 230VAC 160x160x51mm AC Axial Fan Datasheet



**Brand:** Sanyo Denki

**SKU:** 900773510895

**Category:** Axial & Centrifugal Fans

**Price:** **\$128.99**

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Product Page:

<https://www.equipspares.com/product/109-603-sanyo-denki-230vac-160x160x51mm-ac-axial-fan>

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## Product Description

The Sanyo Denki 109-603 is a robust AC Axial Fan engineered for high-reliability industrial cooling applications. This unit features a precision-balanced impeller housed within a durable aluminum die-cast frame, ensuring structural rigidity and optimal thermal management under continuous operation. Utilizing Sanyo Denki's advanced dual ball bearing architecture, the 109-603 delivers consistent aerodynamic performance while minimizing frictional losses and extending service life. The motor design is optimized for 230VAC operation, providing stable airflow with low thermal impedance, making it an ideal solution for environments requiring sustained high-pressure air movement and efficient heat dissipation.

Model Number: 109-603

Brand: Sanyo Denki

Series: San Ace 160

Product Type: AC Axial Fan

Rated Voltage: 230 VAC

Frequency: 50/60 Hz

Voltage Range: 207 - 253 VAC

Rated Current: 0.21 / 0.16 A

Power Input: 37.5 / 33 W

Rated Speed: 2700 / 3100 RPM

Max. Air Flow: 205 / 240 CFM (5.8 / 6.8 m<sup>3</sup>/min)

Max. Static Pressure: 13.0 / 17.0 mmH<sub>2</sub>O (127.5 / 166.7 Pa)

Bearing Type: Dual Ball Bearing

Dimensions: 160x160x51 mm

Weight: 1100 g

Noise Level: 53 / 56 dB(A)

Frame Material: Aluminum Die-cast

Impeller Material: Plastic (UL94V-1)

Operating Temperature: -30°C to +60°C

Life Expectancy: 25,000 Hours (at 60°C)

Termination: Terminal Type

Motor Protection: Impedance Protection

Dielectric Strength: 1500 VAC for 1 minute

Origin: Japan

The 109-603 is specifically designed for demanding industrial environments where reliability is paramount. Common applications include cooling large-scale control cabinets, power supply units, and industrial automation machinery that generate significant thermal loads. The 109-603 is also frequently utilized in heat exchangers and ventilation systems within manufacturing facilities. Its robust aluminum construction allows the 109-603 to withstand harsh operating conditions, ensuring critical components in server racks and telecommunications equipment remain within safe operating temperature ranges.

## Supplemental Images

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