

109-601 Sanyo Denki 100V 160x160x51mm AC Axial Fan

SKU: 109-601

Price: \$139.99

Categories: Fans

Tags: Sanyo Denki

Product Link:

<https://www.electspares.com/product/109-601-sanyo-denki-100v-160x160x51mm-ac-axial-fan/>

Product Description

The Sanyo Denki 109-601 is a high-performance 100VAC axial fan with dimensions of 160 x 160 x 51 mm, specifically engineered for robust thermal management in large-scale industrial control panels and heavy-duty electronic equipment. As part of the San Ace 160 series, this cooling solution features a durable aluminum frame and a specialized 5-blade high-efficiency impeller, optimized for maximum aerodynamic throughput and long-term structural stability. It operates at a dual frequency rated speed of 2,850 / 3,350 min⁻¹, delivering a powerful air flow of 254.4 / 300.4 CFM (432 / 510 m³/h) and a static pressure of 0.63 / 0.669 inH₂O (156.8 / 166.6 Pa). Equipped with a precision dual ball bearing system, the 109-601 ensures a reliable service life of 25,000 hours at 60 °C (56,000 hours at 40 °C). This model is characterized by its superior build quality and high airflow capacity, making it a critical component for CNC machines, power supply units, and telecommunications racks requiring high-volume AC cooling.

109-601 Fan Parameters

Manufacturer: Sanyo Denki

Model Number: 109-601

Type: AC Axial Fan

Series: San Ace 160

Dimensions: 160 x 160 x 51 mm

Weight: 1100 g

Frame Material: Aluminum

Impeller Material: Plastics (UL 94V-1)

Bearing Type: Dual Ball Bearing

Number of Blades: 5

Rated Voltage: 100 VAC

Operating Voltage Range: 90 - 110 VAC

Frequency: 50 / 60 Hz

Rated Current: 0.43 / 0.35 A

Locked Rotor Current: 0.72 / 0.7 A

Rated Input Power: 37.5 / 33 W

Rated Speed: 2,850 / 3,350 min⁻¹ (RPM)

Max. Air Flow: 254.4 / 300.4 CFM (432 / 510 m³/h / 7.2 / 8.5 m³/min)

Max. Static Pressure: 0.63 / 0.669 inH₂O (156.8 / 166.6 Pa / 16 / 17 mmH₂O)

Sound Pressure Level: 56 / 60 dB(A)

Termination: Terminals (Faston #110 or equivalent)

Operating Temperature: -30 - +60 °C

Storage Temperature: -30 - +70 °C

Expected Life: 25,000 h (at 60 °C) / 56,000 h (at 40 °C)

Burnout Protection: Impedance Protected

Safety Approvals: UL, CSA, TUV, RoHS

Application

The Sanyo Denki 109-601 AC axial fan is specifically designed for cooling heavy industrial machinery, large CNC controller cabinets, high-wattage power supplies, data center enclosures, and telecommunications hardware requiring high-volume 100V AC ventilation.

Product Images









Scan for product details:

