

109-041UL SANYO DENKI 200VAC 80x80x42mm Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [1034794198547](#)

Category: Axial & Centrifugal Fans

Price: **\$38.99**

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Product Page:

<https://www.equipspares.com/product/109-041ul-sanyo-denki-200vac-80x80x42mm-axial-fan>

Product Description

SANYO DENKI 109-041UL is a 200VAC 80x80x42mm Axial Fan optimized for high-density thermal management in industrial enclosures. This San Ace 80 series component utilizes a robust AC motor and precision dual ball bearing architecture to minimize thermal impedance in restricted spaces. Engineered for structural rigidity, the aluminum frame ensures stable operation under continuous duty cycles. With a power rating of 10/9W and a current draw of 0.07/0.06A at 50/60Hz, it provides reliable airflow for critical electronics. This industrial-grade cooling solution is designed to maintain optimal operating temperatures in high-impedance environments while offering long-term mechanical stability.

Model Number: 109-041UL

Brand: SANYO DENKI

Product Type: AC Axial Fan

Rated Voltage: 200 VAC

Voltage Range: 180.0 - 230.0 VAC

Frequency: 50 / 60 Hz

Rated Current: 0.07 / 0.06 A

Power: 10 / 9 W

Rated Speed: 2700 / 3100 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 19.4 / 23.3 CFM (0.55 / 0.66 m³/min)

Max. Static Pressure: 34.3 / 49.0 Pa (0.138 / 0.197 inH₂O)

Dimensions: 80 x 80 x 42 mm

Weight: 370 g

Life Expectancy: 25,000 Hours

Housing Material: Aluminum Die-cast

Blade Material: Plastic (UL94V-0)

Termination: Lead Wires

Operating Temperature: -30 to +60 °C

Storage Temperature: -30 to +70 °C

Insulation Class: Class E

Protection: Impedance Protected

109-041UL Applications

1. Industrial Control Cabinets: High static pressure capability allows for efficient heat dissipation in densely packed VFD and PLC enclosures where internal impedance is high.
2. Legacy CNC Machinery: Serves as a high-reliability replacement fan for vintage Japanese industrial equipment requiring specific 200V AC input and 80mm form factor.
3. Power Supply Units: The 42mm depth and aluminum frame provide the necessary structural rigidity and airflow volume for cooling large-scale industrial power converters.

Supplemental Images

