

9WF0624H404 Sanyo Denki 24VDC 60x60x25mm Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [1034140335747](#)

Category: Axial & Centrifugal Fans

Price: **\$21.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/9wf0624h404-sanyo-denki-24vdc-60x60x25mm-axial-fan>

Product Description

Sanyo Denki 9WF0624H404 is a 24VDC 60x60x25mm Axial Fan optimized for high-reliability thermal management in environments prone to moisture and dust ingress. This San Ace 60WF series model features a high-efficiency DC brushless motor and a precision dual ball bearing architecture designed to minimize mechanical friction and extend service life. The aerodynamic impeller is engineered for low thermal impedance and high structural rigidity, ensuring stable airflow delivery even under significant backpressure. Operating at a rated current of 0.15A and a speed of 6000 RPM, this fan provides a robust 23.3 CFM airflow and 0.256 inH₂O static pressure, making it a critical component for maintaining optimal operating temperatures in sensitive industrial electronics.

Model Number: 9WF0624H404

Brand: Sanyo Denki (San Ace)

Product Type: Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.15 A

Power: 3.6 W

Rated Speed: 6000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 23.3 CFM (0.66 m³/min)

Max. Static Pressure: 6.5 mmH₂O (63.7 Pa / 0.256 inH₂O)

Dimensions: 60 x 60 x 25 mm

Weight: 110 g

Life Expectancy: 40,000 Hours at 60°C

Noise Level: 39 dB(A)

Ingress Protection: IP55 (Water and Dust Resistant)

Speed Control: 3-Wire (Tachometer/Sensor Output)

Termination: Lead Wires

Housing Material: Plastic (UL 94V-0)

Blade Material: Plastic (UL 94V-0)

Operating Temperature: -20 to +70 °C

Storage Temperature: -30 to +70 °C

Protection Features: Locked Rotor Burnout Protection, Reverse Polarity Protection

OEM Part Number: A90L-0001-0581

9WF0624H404 Applications

1. FANUC CNC Drive Units: Engineered as a direct replacement fan for A90L-0001-0581 modules, providing the specific static pressure required to overcome the high system impedance of densely packed drive heat sinks.
2. Harsh Environment Industrial Controllers: The IP55 rating makes this fan ideal for wash-down areas or high-humidity factory floors where standard fans would suffer premature motor failure.
3. Ruggedized Telecom Enclosures: Utilizes high-speed rotation and dual ball bearings to ensure continuous, low-vibration cooling for outdoor signal processing equipment." equipment." subject to temperature fluctuations.

Supplemental Images

