

9WF0624H603 Sanyo Denki 24VDC 60x60x25mm Oil Proof Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [975871914099](#)

Category: Axial & Centrifugal Fans

Price: **\$54.99**

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Product Page:

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Product Description

The Sanyo Denki 9WF0624H603 is a precision-engineered axial fan belonging to the San Ace 60 WF series, designed specifically for harsh industrial environments requiring superior oil and dust resistance. This unit utilizes a robust DC motor architecture paired with dual ball bearings to minimize friction and extend operational longevity under continuous load. Its aerodynamic impeller design optimizes airflow efficiency while maintaining structural rigidity, effectively managing thermal impedance in high-density electronics. The 9WF0624H603 features specialized encapsulation to protect internal components, making it an ideal solution for oil-mist environments commonly found in factory automation and servo drive cooling systems.

Model Number: 9WF0624H603

Brand: Sanyo Denki (San Ace)

Product Type: Oil Proof Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 20.4 - 27.6 VDC

Rated Current: 0.15 A

Power Input: 3.6 W

Rated Speed: 6500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 23.3 CFM (0.66 m³/min)

Max. Static Pressure: 6.8 mmH₂O (66.7 Pa / 0.27 inH₂O)

Dimensions: 60 x 60 x 25 mm

Weight: 110 g

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

Noise Level: 36 dB(A)

Ingress Protection: IP54 (Oil Proof Type)

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 (Red +, Black -, Yellow Sensor)

Speed Control: Tachometer Output (Pulse Sensor)

Protection: Locked Rotor Protection, Reverse Polarity Protection

Dielectric Strength: 50/60 Hz, 500 VAC, 1 minute

Insulation Resistance: 10 MΩ or more at 500 VDC

The 9WF0624H603 is frequently deployed in critical industrial automation equipment, serving as a primary cooling component for Fanuc servo drives and amplifiers where oil mist contamination is a concern. Its robust construction allows the 9WF0624H603 to operate reliably in CNC machining centers, robotic control cabinets, and heavy-duty power supply units. Additionally, this model is suitable for telecommunications enclosures and instrumentation panels requiring sustained airflow in challenging environmental conditions.

Supplemental Images

