

9WF0424H701 Sanyo Denki 24VDC 40x40x20mm IP68 Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [897270985922](#)

Category: Axial & Centrifugal Fans

Price: **\$29.99**

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<https://www.equipspares.com/product/9wf0424h701-sanyo-denki-24vdc-40x40x20mm-ip68-axial-fan>

Product Description

The Sanyo Denki 9WF0424H701 is a precision-engineered DC axial fan from the San Ace 40WF series, designed for harsh industrial environments requiring IP68-rated protection against oil mist, dust, and water. This unit utilizes a robust dual ball bearing system to ensure rotational stability and extended service life under high thermal stress. Featuring an optimized impeller geometry, the fan delivers high static pressure while maintaining a compact 40mm footprint. Its structural rigidity and advanced motor commutation minimize thermal impedance, making it an ideal solution for critical cooling applications where reliability is paramount.

Model Number: 9WF0424H701

Brand: Sanyo Denki

Product Type: DC Axial Fan

Series: San Ace 40WF (Oil Proof)

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.11 A

Input Power: 2.64 W

Rated Speed: 13100 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 9.18 CFM (0.26 m³/min)

Max. Static Pressure: 0.44 inH₂O (110 Pa)

Noise Level: 42 dB(A)

Dimensions: 40x40x20mm

Weight: 50 g

Ingress Protection: IP68 (Dust/Water/Oil Proof)

Frame Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -20 to +70°C

Life Expectancy: 40000 Hours (60°C)

Protection: Locked Rotor Protection, Reverse Polarity Protection

Termination: Lead Wires

The 9WF0424H701 is specifically engineered for deployment in rigorous industrial settings where contaminants such as cutting fluids and oil mist are prevalent. Common integration points include CNC machine controllers, industrial inverters, and servo amplifiers requiring consistent thermal management in sealed or semi-exposed enclosures. Additionally, the 9WF0424H701 serves effectively in telecommunications equipment and compact power supply units, ensuring component longevity by preventing heat accumulation in high-density electronic assemblies.

Supplemental Images

