

9WF0924S2031 Sanyo Denki 24VDC 92mm Oil Proof Axial Fan Datasheet



Brand: Sanyo Denki

SKU: 943347390160

Category: Axial & Centrifugal Fans

Price: \$88.99

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/9wf0924s2031-sanyo-denki-24vdc-92mm-oil-proof-axial-fan>

Product Description

The Sanyo Denki 9WF0924S2031 is a precision-engineered axial fan from the renowned San Ace 92WF series, designed specifically for harsh industrial environments requiring superior oil mist resistance. This unit features a robust DC motor architecture paired with a dual ball bearing system, ensuring exceptional structural rigidity and prolonged operational stability under significant thermal stress. The aerodynamic impeller design optimizes airflow efficiency while maintaining a manageable thermal impedance profile, delivering high static pressure performance. With its specialized encapsulation, the 9WF0924S2031 offers reliable ingress protection, making it an ideal replacement for the Fanuc A90L-0001-0598#A in critical machinery where component longevity is paramount.

Model Number: 9WF0924S2031

Brand: Sanyo Denki

Product Type: Oil Proof Axial Fan

Series: San Ace 92WF

Alternate Part Number: A90L-0001-0598#A

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.5 A

Rated Power: 12.0 W

Rated Speed: 6500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 65.3 CFM (1.85 m³/min)

Max. Static Pressure: 16.3 mmH₂O (160 Pa / 0.64 inH₂O)

Dimensions: 92 x 92 x 32 mm

Weight: 190 g

Life Expectancy: 40,000 Hours @ 60°C

Noise Level: 52 dB(A)

Ingress Protection: IP55 (Oil Proof)

Frame Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Termination: 3-Wire (Lead Wire)

Sensor Type: Pulse Sensor (Tachometer)

Operating Temperature: -10 to +70°C

Storage Temperature: -30 to +70°C

Motor Protection: Locked Rotor Protection; Reverse Polarity Protection

The 9WF0924S2031 is engineered for demanding industrial applications where oil mist and dust are prevalent, such as CNC machining centers, industrial inverters, and servo amplifiers. Its robust construction makes it the standard cooling solution for Fanuc control systems, specifically serving as a direct replacement for part number A90L-0001-0598#A. Additionally, the 9WF0924S2031 is utilized in factory automation equipment, power supply units, and telecommunications cabinets requiring high static pressure to overcome system impedance.

Supplemental Images

