9WF0424F6D03 Sanyo Denki 24VDC 40x40x20mm Axial Fan Datasheet

Brand: Sanyo Denki

SKU: 1014560685030

Category: Axial & Centrifugal Fans

Price: **$26.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/9wf0424f6d03-sanyo-denki-24vdc-40x40x20mm-axial-fan

Product Description

The Sanyo Denki 9WF0424F6D03 is a precision-engineered Axial Fan designed for demanding industrial environments requiring high reliability and ingress protection. Utilizing advanced DC motor technology and a robust dual ball bearing architecture, this unit ensures minimal friction and extended operational longevity even under continuous load. The aerodynamic impeller design optimizes airflow while maintaining a low noise profile, effectively managing thermal impedance in compact electronic enclosures. Its structural rigidity and specialized housing make it particularly suitable for harsh conditions often found in CNC machinery and servo drive systems, offering superior resistance to oil mist and dust.

Model Number: 9WF0424F6D03
OEM Part Number: A90L-0001-0507#A
Brand: Sanyo Denki (San Ace)
Product Type: Axial Fan
Rated Voltage: 24VDC
Voltage Range: 20.4 - 27.6 VDC
Rated Current: 0.076 A
Power Input: 1.82 W
Rated Speed: 6200 RPM
Bearing Type: Dual Ball Bearing

Max. Air Flow: 6.71 CFM (11.4 m^3/h / 0.19 m^3/min)
Max. Static Pressure: 3.67 mmH_2O (36.0 Pa / 0.14 inH_2O)
Dimensions: 40x40x20 mm
Weight: 50 g
Life Expectancy: 40,000 Hours @ 60°C
Frame Material: Plastic (UL94V-0)
Impeller Material: Plastic (UL94V-0)
Ingress Protection: IP55 (Oil Proof)
Noise Level: 28 dB(A)
Termination: 3-Wire with FANUC Connector
Sensor Type: Locked Rotor Sensor
Operating Temperature: -10°C to +70°C
Storage Temperature: -30°C to +70°C
Safety Approvals: UL, CSA, TUV

This cooling solution is specifically engineered for integration into FANUC servo amplifiers and spindle drives, serving as a critical component for thermal regulation in CNC machinery. The 9WF0424F6D03 ensures consistent airflow to prevent overheating in compact control cabinets and industrial computer systems. Maintenance professionals frequently utilize the 9WF0424F6D03 to restore optimal operating temperatures in rack-mounted electronics, telecommunications equipment, and precision automation controllers where reliability is paramount.

Supplemental Images