9WV0924P1H001 Sanyo Denki 24VDC 92x92x38mm Axial Fan Datasheet

Brand: Sanyo Denki

SKU: 825726195875

Category: Axial & Centrifugal Fans

Price: **$23.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/9wv0924p1h001-sanyo-denki-24vdc-92x92x38mm-axial-fan

Product Description

Sanyo Denki 9WV0924P1H001 is a 24VDC 92x92x38mm Axial Fan optimized for high-density cooling in harsh environments requiring IP68 ingress protection. This San Ace 92WV series model features a high-efficiency DC motor with dual ball bearing architecture, ensuring structural rigidity and reduced thermal impedance during continuous operation. Engineered for superior aerodynamic performance, it delivers a rated current of 1.6A and a rotational speed of 8500 RPM, generating significant static pressure to overcome system resistance. The 4-wire configuration supports PWM speed control and tachometer output for precise thermal management. Its robust design is ideal for maintaining airflow in moisture-heavy or dusty industrial settings where reliability is critical.

Model Number: 9WV0924P1H001
Brand: Sanyo Denki (San Ace)
Product Type: Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 1.6A
Power: 38.4W
Rated Speed: 8500 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 113 CFM (3.2 m^3/min)

Max. Static Pressure: 320 Pa (1.28 inH_2O)
Dimensions: 92x92x38mm
Weight: 180g
Life Expectancy: 40,000 hours at 60°C
Ingress Protection: IP68
Speed Control: PWM Control
Output Signal: Tachometer
Noise Level: 60 dB(A)
Housing Material: Aluminum
Blade Material: Plastic (UL94V-0)
Termination: 4 Lead Wires
Operating Temperature: -20 to +70 °C
Storage Temperature: -30 to +70 °C
Protection Features: Locked Rotor Protection, Reverse Polarity Protection

9WV0924P1H001 Applications
1. Outdoor Telecom Base Stations: The IP68 rating and high static pressure allow for reliable heat dissipation in sealed enclosures exposed to rain and dust, serving as a critical replacement fan for ruggedized infrastructure.
2. Industrial Inverter Cooling: High RPM and 1.6A power density provide the necessary airflow to manage the thermal load of high-capacity VFDs and power converters in humid factory environments.
3. Renewable Energy Inverters: Optimized for solar and wind power conversion systems where long-term reliability and resistance to environmental contaminants are required to prevent system downtime.

Supplemental Images