9WG1224J103 Sanyo Denki 24VDC 120mm IP55 Axial Fan Datasheet

Brand: Sanyo Denki

SKU: 1012978196040

Category: Axial & Centrifugal Fans

Price: **$27.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/9wg1224j103-sanyo-denki-24vdc-120mm-ip55-axial-fan

Product Description

The Sanyo Denki 9WG1224J103 is a robust industrial cooling solution belonging to the San Ace 120W series, engineered for harsh environments requiring IP55 ingress protection. This axial fan features a durable aluminum die-cast frame and a precision-balanced 7-blade impeller driven by a high-efficiency DC motor. Utilizing dual ball bearing architecture, it ensures minimal friction and extended operational longevity under thermal stress. The unit is designed to optimize thermal impedance in high-density enclosures, delivering substantial airflow while maintaining structural rigidity against vibration.

Model Number: 9WG1224J103
Brand: Sanyo Denki
Product Type: DC Axial Fan
Series: San Ace 120W
Rated Voltage: 24VDC
Operating Voltage Range: 20.4 - 27.6 VDC
Rated Current: 1.0 A
Rated Input: 24 W
Rated Speed: 4100 RPM
Max. Air Flow: 155.0 CFM (4.39 m^3/min)
Max. Static Pressure: 19.6 mmH_2O (192.2 Pa / 0.77 inH_2O)

Bearing Type: Dual Ball Bearing
Dimensions: 120mm x 120mm x 38mm
Frame Material: Aluminum Die-Cast
Impeller Material: Plastic (UL94V-0)
Ingress Protection: IP55 (Splash Proof)
Noise Level: 58 dB(A)
Life Expectancy: 60,000 Hours (at 60°C)
Operating Temperature: -25°C to +70°C
Storage Temperature: -30°C to +70°C
Termination: Lead Wires
Mounting Orientation: Any

The 9WG1224J103 is specifically calibrated for demanding industrial applications where moisture and dust resistance are critical. Common deployments include cooling systems for robotic arms, heavy-duty welding machines, and plasma cutters where consistent thermal regulation is mandatory. Additionally, the 9WG1224J103 serves effectively in telecommunications cabinets and industrial automation control panels, ensuring reliable heat dissipation for sensitive electronic components.

Supplemental Images


DC24V
San Ace 120L
MODEL 9GL1224G1D01
DC 24V 0.50A
EP 050422p
SANYODENKI
MADE IN JAPAN