9SX1212P1K007 Sanyo Denki 12VDC 120x120x38mm Axial Fan Datasheet

Brand: Sanyo Denki

SKU: 974784328203

Category: Axial & Centrifugal Fans

Price: **$38.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/9sx1212p1k007-sanyo-denki-12vdc-120x120x38mm-axial-fan

Product Description

The Sanyo Denki 9SX1212P1K007 is a high-performance DC axial fan engineered for demanding industrial cooling applications requiring exceptional static pressure and airflow throughput. Part of the robust San Ace 120 SX series, this unit features a precision-die-cast aluminum frame that enhances structural rigidity and thermal dissipation capabilities under heavy loads. The motor assembly utilizes an advanced dual ball bearing architecture to minimize friction and extend operational lifespan, even during continuous high-speed rotation. Designed with optimized impeller geometry, the 9SX1212P1K007 delivers superior aerodynamic efficiency, significantly reducing thermal impedance in densely packed electronic enclosures and server environments.

Model Number: 9SX1212P1K007
Brand: Sanyo Denki
Product Type: DC Axial Fan
Series: San Ace 120 SX
Rated Voltage: 12 VDC
Voltage Range: 10.8 - 13.2 VDC
Rated Current: 4.4 A
Power Input: 52.8 W
Rated Speed: 5500 RPM
Bearing Type: Dual Ball Bearing

Max. Air Flow: 261 CFM (443 m^3/h / 7.39 m^3/min)
Max. Static Pressure: 36.7 mmH_2O (360 Pa / 1.45 inH_2O)
Dimensions: 120 x 120 x 38 mm
Frame Material: Aluminum
Impeller Material: Plastic (UL94V-0)
Termination: 4-Wire Leads
Control Interface: PWM Control
Sensor Type: Tachometer Output
Operating Temperature: -20°C to +70°C
Storage Temperature: -30°C to +70°C
Life Expectancy: 40,000 Hours (at 60°C)
Weight: 460 g
Ingress Protection: Optional IP Ratings Available
Safety Certifications: UL, CSA, TUV

The 9SX1212P1K007 is specifically engineered for high-density equipment where back pressure is a significant factor, such as enterprise-grade server racks and telecommunications base stations. Its robust aluminum construction makes it ideal for industrial automation machinery and power supply units that generate substantial heat loads. By maintaining consistent airflow against high resistance, the 9SX1212P1K007 ensures critical components remain within safe thermal operating limits, preventing throttling in CNC machines and medical instrumentation.

Supplemental Images


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