109S072UL Sanyo Denki 230VAC 120x120x38mm Metal Axial Fan Datasheet

Brand: Sanyo Denki

SKU: 973431429433

Category: Axial & Centrifugal Fans

Price: **$81.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/109s072ul-sanyo-denki-230vac-120x120x38mm-metal-axial-fan

Product Description

The Sanyo Denki 109S072UL is a robust AC Axial Fan engineered for critical thermal management in industrial environments. Featuring a precision-balanced motor assembly housed within a high-rigidity aluminum die-cast frame, this unit ensures minimal vibration and superior structural integrity under continuous operation. The aerodynamic impeller design optimizes airflow dynamics to reduce thermal impedance effectively. Utilizing high-grade ball bearing architecture, the 109S072UL delivers consistent performance across 50/60Hz frequencies, making it an ideal solution for systems requiring reliable heat dissipation and long-term operational stability.

Model Number: 109S072UL
Brand: Sanyo Denki
Series: San Ace 120
Product Type: AC Axial Fan
Rated Voltage: 230 VAC
Frequency: 50/60 Hz
Rated Current: 0.11 / 0.09 A
Input Power: 18 / 16 W
Rated Speed: 2700 / 3100 RPM
Max. Air Flow: 91.8 / 105.9 CFM (2.6 / 3.0 m3/min)
Max. Static Pressure: 7.84 / 8.82 mmH2O (76.9 / 86.5 Pa)

Dimensions: 120 x 120 x 38 mm
Bearing Type: Double Ball Bearing
Frame Material: Aluminum Die-Cast
Impeller Material: Plastic (Flammability: UL94V-1)
Noise Level: 42 / 45 dB(A)
Operating Temperature: -30 to +60 Degrees Celsius
Storage Temperature: -30 to +70 Degrees Celsius
Life Expectancy: 25,000 Hours (at 60 Degrees Celsius)
Dielectric Strength: 50/60 Hz, 1500 VAC, 1 minute
Insulation Resistance: 10M Ohm or more at 500 VDC
Motor Protection: Impedance Protection
Origin: Japan

This cooling solution is specifically calibrated for high-density industrial applications, including control cabinet ventilation, server rack cooling, and power supply units. The 109S072UL excels in maintaining optimal operating temperatures for telecommunications equipment and CNC machinery electronics. By integrating the 109S072UL into complex electromechanical systems, operators ensure sustained reliability in automation controllers and medical instrumentation requiring consistent airflow.

Supplemental Images