109R0624G4D01 Sanyo Denki 24VDC 60x60x25mm Axial Fan Datasheet

Brand: Sanyo Denki

SKU: 923839479660

Category: Axial & Centrifugal Fans

Price: **$33.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/109r0624g4d01-sanyo-denki-24vdc-60x60x25mm-axial-fan

Product Description

The Sanyo Denki 109R0624G4D01 is a precision-engineered DC Axial Fan designed for critical thermal management applications within the San Ace 60 series. This unit utilizes a robust dual ball bearing architecture to minimize friction and extend operational lifespan under continuous load, ensuring superior structural rigidity. The aerodynamic impeller geometry is calibrated to deliver a high airflow-to-noise ratio, effectively reducing thermal impedance in dense electronic enclosures. Constructed with high-grade flame-retardant materials, the fan maintains optimal performance across a wide voltage range, making it an ideal solution for industrial systems requiring consistent and reliable cooling.

Model Number: 109R0624G4D01
Brand: Sanyo Denki
Product Type: DC Axial Fan
Series: San Ace 60 (109R Type)
Rated Voltage: 24 VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.13 A
Power Input: 3.12 W
Rated Speed: 4600 RPM
Bearing Type: Dual Ball Bearing

Max. Air Flow: 23.3 CFM (0.66 m^3/min)
Max. Static Pressure: 5.8 mmH_2O (56.8 Pa / 0.23 inH_2O)
Dimensions: 60x60x25 mm
Weight: 90 g
Noise Level: 36 dB(A)
Sensor Type: Locked Rotor Sensor
Frame Material: Plastics (UL94V-0)
Impeller Material: Plastics (UL94V-0)
Operating Temperature: -10 to +70 °C
Storage Temperature: -30 to +70 °C
Life Expectancy: 60,000 Hours (at 40°C)
Termination: Lead Wires
Ingress Protection: Standard

The 109R0624G4D01 is engineered for integration into compact industrial equipment where reliability is paramount. Common deployment scenarios include cooling server rack power supply units, telecommunications switching gear, and industrial automation control panels. The 109R0624G4D01 also serves effectively in medical instrumentation and CNC machinery electronics, providing consistent airflow to prevent thermal throttling in sensitive components.

Supplemental Images