109R1224H1D011 Sanyo Denki 24VDC 120x120x38mm Axial Fan Datasheet

Brand: Sanyo Denki

SKU: 980615812777

Category: Axial & Centrifugal Fans

Price: **$18.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/109r1224h1d011-sanyo-denki-24vdc-120x120x38mm-axial-fan

Product Description

The Sanyo Denki 109R1224H1D011 is a precision-engineered DC axial fan designed for critical thermal management in industrial environments. Utilizing advanced dual ball bearing architecture, this unit ensures minimal friction and extended operational longevity, significantly reducing maintenance intervals. The aerodynamic impeller design optimizes airflow while maintaining structural rigidity, effectively lowering thermal impedance within high-density enclosures. Engineered for reliability, the motor assembly features robust protection mechanisms, making it an ideal solution for continuous duty cycles where consistent cooling performance is paramount.

Model Number: 109R1224H1D011
Brand: Sanyo Denki (San Ace)
Product Type: DC Axial Fan
Rated Voltage: 24 VDC
Voltage Range: 20.4 - 27.6 VDC
Rated Current: 0.25 A
Input Power: 6.0 W
Rated Speed: 2600 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 102.4 CFM (174 m^3/h / 2.9 m^3/min)
Max. Static Pressure: 6.53 mmH_2O (64 Pa / 0.257 inH_2O)

Dimensions: 120 x 120 x 38 mm
Weight: 290 g
Life Expectancy: 60,000 Hours at 60°C
Noise Level: 39 dB(A)
Sensor Type: Locked Rotor Sensor (Pulse Sensor/Alarm)
Frame Material: Plastics (UL94V-0)
Impeller Material: Plastics (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -30°C to +70°C
Ingress Protection: IP4X (Standard)
Termination: Lead Wires
Safety Certifications: UL, CSA, TUV

The 109R1224H1D011 is specifically engineered for demanding industrial applications requiring sustained airflow and reliability. Common deployment scenarios include variable frequency drives (VFDs), industrial control chassis, and server rack cooling systems where heat dissipation is critical for component longevity. The 109R1224H1D011 excels in telecommunications equipment and medical devices, providing consistent thermal regulation to prevent system throttling or failure in continuous-operation environments.

Supplemental Images