109-642 Sanyo Denki 200VAC 37.5W 160x160x51mm Axial Fan Datasheet

Brand: Sanyo Denki

SKU: 822839183403

Category: Axial & Centrifugal Fans

Price: **$192.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/109-642-sanyo-denki-200vac-37-5w-160x160x51mm-axial-fan

Product Description

Sanyo Denki 109-642 160 x 160 x 51 mm 200 VAC 37.5 W 300.4 CFM axial fan is a high-performance thermal management solution featuring a robust aluminum frame and a plastic impeller rated at UL 94V-1 flammability standards. The unit operates using a dual ball bearing system to ensure mechanical stability and extended service life under continuous operation. It includes an integrated low-speed sensor for rotation monitoring and utilizes a plug cord interface for electrical connection, providing high static pressure and airflow for dense electronic environments.

109-642 Specifications
Model Number: 109-642
Brand: Sanyo Denki
Series: San Ace 160
Frame Size: 160 x 160 mm
Frame Thickness: 51 mm
Rated Voltage: 200 VAC
Operating Voltage Range: 180 to 220 VAC
Frequency: 50 / 60 Hz
Rated Input: 37.5 / 33 W
Rated Current: 0.23 / 0.18 A
Locked Rotor Current: 0.36 / 0.35 A

Rated Speed: 2850 / 3350 min^{-1}
Max Airflow: 7.2 / 8.5 m^3/min
Max Airflow (CFM): 254.4 / 300.4 CFM
Max Static Pressure: 156.8 / 166.6 Pa
Max Static Pressure (inchH2O): 0.63 / 0.669 inchH2O
Sound Pressure Level: 56 / 60 dB(A)
Operating Temperature: -10 to +60 °C
Expected Life: 25,000 h at 60 °C
Mass: 1100 g
Sensor Type: Low-speed sensor
Frame Material: Aluminum
Impeller Material: Plastic
Bearing Type: Dual ball bearing
Approvals: UL, EN, CE, UKCA, RoHS, PSE, TUV

109-642 Applications

Primary applications include integration into ICT equipment racks, industrial control panels, and factory automation systems requiring high-volume thermal management. Deployed within telecommunications base stations and large-scale power supply units to maintain optimal operating temperatures for sensitive electronic components.

Supplemental Images