

109R0612G4D14 Sanyo Denki 12VDC 60x60x25mm Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [993874881527](#)

Category: Axial & Centrifugal Fans

Price: **\$10.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/109r0612g4d14-sanyo-denki-12vdc-60x60x25mm-axial-fan>

Product Description

The Sanyo Denki 109R0612G4D14 is a precision-engineered DC axial fan designed for critical thermal management applications within the industrial and computing sectors. Belonging to the renowned San Ace 60 series, this unit utilizes advanced dual ball bearing architecture to ensure minimal friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes airflow while maintaining structural rigidity, effectively reducing thermal impedance in high-density electronic enclosures. Engineered with a robust DC motor, it delivers consistent performance, making it an ideal solution for systems requiring reliable forced convection cooling and superior component durability.

Model Number: 109R0612G4D14

Brand: Sanyo Denki

Product Type: DC Axial Fan

Series: San Ace 60 (R Type)

Rated Voltage: 12 VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.24 A

Power Input: 2.88 W

Rated Speed: 4600 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 27.5 CFM (46.7 m³/h / 0.78 m³/min)
Max. Static Pressure: 5.8 mmH₂O (56.9 Pa / 0.23 inH₂O)
Dimensions: 60x60x25 mm
Weight: 90 g
Life Expectancy: 60,000 Hours (at 40°C)
Noise Level: 34 dB(A)
Termination: 3-Wire (Lead Wire)
Sensor Type: Locked Rotor Sensor (D Code)
Frame Material: Plastic (UL94V-0)
Impeller Material: Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -30°C to +70°C
Protection: Locked Rotor Protection, Reverse Polarity Protection
Origin: Japan

The 109R0612G4D14 is specifically engineered for integration into compact electronic assemblies where space is at a premium but thermal dissipation cannot be compromised. Common deployment environments include industrial automation control panels, server rack cooling modules, and precision medical instrumentation. The 109R0612G4D14 ensures stable operating temperatures for power supplies and telecommunications equipment, preventing thermal throttling and extending the service life of sensitive semiconductor components.

Supplemental Images

