9GA0612P1J63 Sanyo Denki 12VDC 60x60x38mm PWM Axial Fan Datasheet

Brand: Sanyo Denki

SKU: 806660964221

Category: Axial & Centrifugal Fans

Price: **$10.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/9ga0612p1j63-sanyo-denki-12vdc-60x60x38mm-pwm-axial-fan

Product Description

The Sanyo Denki 9GA0612P1J63 is a specialized high-static pressure DC Axial Fan from the renowned San Ace 60 GA series, engineered for applications requiring superior aerodynamic efficiency and thermal management. Designed with a dense impeller geometry and a precision-wound brushless DC motor, this unit optimizes airflow against high system impedance, significantly reducing thermal impedance in densely packed enclosures. The structural rigidity of the frame, combined with a robust dual ball bearing architecture, ensures operational stability and longevity even under continuous high-speed rotation. This model integrates Pulse Width Modulation (PWM) signal control, allowing for dynamic speed adjustment to balance cooling performance with energy consumption.

Model Number: 9GA0612P1J63
Brand: Sanyo Denki (San Ace)
Product Type: DC Axial Fan
Series: San Ace 60 GA
Rated Voltage: 12 VDC
Operating Voltage Range: 10.8 - 13.2 VDC
Rated Current: 1.5 A
Rated Input Power: 18.0 W
Rated Speed: 15400 RPM
Max. Air Flow: 62.5 CFM (1.77 m^3/min)

Max. Static Pressure: 55.1 mmH_2O (540 Pa / 2.17 inH_2O)
Dimensions: 60 x 60 x 38 mm
Bearing Type: Dual Ball Bearing
Noise Level: 56 dB(A)
Speed Control: PWM Control
Sensor: Pulse Sensor (Tachometer)
Frame Material: Plastic (UL94V-0)
Impeller Material: Plastic (UL94V-0)
Operating Temperature: -20°C to +70°C
Life Expectancy: 40,000 Hours (at 60°C)
Termination: Lead Wires (Red +, Black -, Yellow Sensor, Brown PWM)
Ingress Protection: IP Ratings available (consult spec sheet)
Mounting Orientation: Any

The 9GA0612P1J63 is specifically designed for high-density electronic environments where back pressure is a critical factor. Primary deployment scenarios include 1U and 2U server racks, high-performance power supply units, and telecommunications equipment requiring forced-air cooling through restrictive chassis. Additionally, the 9GA0612P1J63 is frequently utilized in industrial automation systems and medical instrumentation where reliable thermal dissipation is mandatory for component safety and performance stability.

Supplemental Images