9WL0612P4S009 Sanyo 12VDC 60x60x25mm IP68 Axial Fan Datasheet

Brand: Sanyo Denki

SKU: 891779151772

Category: Axial & Centrifugal Fans

Price: **$27.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/9wl0612p4s009-sanyo-12vdc-60x60x25mm-ip68-axial-fan

Product Description

The Sanyo 9WL0612P4S009 is a precision-engineered Axial Fan designed for harsh environmental conditions within the renowned San Ace 60W series. Featuring a certified IP68 ingress protection rating, this unit utilizes a robust Dual Ball Bearing architecture to ensure operational stability and reduced thermal impedance under continuous load. The aerodynamic impeller design optimizes airflow efficiency while maintaining structural rigidity at high rotational speeds. Engineered for 12VDC systems, it delivers exceptional static pressure capabilities, making it ideal for mission-critical cooling applications requiring superior resistance to moisture, dust, and oil contaminants.

Model Number: 9WL0612P4S009
Brand: Sanyo Denki (San Ace)
Product Type: DC Axial Fan
Series: San Ace 60W
Rated Voltage: 12VDC
Operating Voltage Range: 10.2 - 13.8 VDC
Rated Current: 0.67 A
Input Power: 8.04 W
Rated Speed: 11000 RPM (Estimated based on current)
Max. Air Flow: 56.5 CFM (1.60 m3/min)
Max. Static Pressure: 26.5 mmH2O (260 Pa)

Dimensions: 60x60x25mm
Ingress Protection: IP68 (Dust Tight / Immersion)
Bearing Type: Dual Ball Bearing
Speed Control: PWM (Pulse Width Modulation)
Sensor: Pulse Sensor (Tachometer)
Noise Level: 56 dB(A)
Frame Material: Plastic (UL94V-0)
Impeller Material: Plastic (UL94V-0)
Termination: Lead Wires
Operating Temperature: -20 to +70 Degrees Celsius
Life Expectancy: 40,000 Hours (60C)
Safety Certifications: UL, CSA, TUV

The 9WL0612P4S009 is specifically calibrated for high-density electronic enclosures and industrial machinery where environmental resilience is paramount. Common deployment scenarios include outdoor telecommunications cabinets, ruggedized server racks, and CNC control modules exposed to oil mist or dust. The 9WL0612P4S009 ensures reliable thermal management in automation equipment and power supply units, preventing thermal throttling in compact, sealed chassis designs.

Supplemental Images