9G1212A4D06 Sanyo Denki 12VDC 120x120x25mm 3-Wire Axial Fan Datasheet

Brand: Sanyo Denki

SKU: 989201510409

Category: Axial & Centrifugal Fans

Price: **$19.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/9g1212a4d06-sanyo-denki-12vdc-120x120x25mm-3-wire-axial-fan

Product Description

The Sanyo Denki 9G1212A4D06 is a precision-engineered DC Axial Fan designed for critical thermal management applications requiring high reliability and consistent performance. Part of the renowned San Ace 120 series, this unit utilizes a robust dual ball bearing architecture and an advanced aerodynamic impeller design to minimize thermal impedance while maintaining structural rigidity under continuous load. The 12VDC brushless motor is optimized for efficiency, delivering a high airflow-to-noise ratio suitable for sensitive electronic environments. Featuring a locked rotor sensor for enhanced system protection, this fan ensures operational stability and longevity in demanding industrial conditions.

Model Number: 9G1212A4D06
Brand: Sanyo Denki
Product Type: DC Axial Fan
Series: San Ace 120 (9G Type)
Rated Voltage: 12VDC
Voltage Range: 7.0 - 13.8 VDC
Rated Current: 0.40 A
Power Input: 4.80 W
Rated Speed: 3100 RPM
Bearing Type: Dual Ball Bearing

Max. Air Flow: 96.0 CFM (163.1 m^3/h / 2.71 m^3/min)
Max. Static Pressure: 6.8 mmH_2O (66.6 Pa / 0.27 inH_2O)
Dimensions: 120 x 120 x 25 mm
Weight: 210 g
Life Expectancy: 40,000 Hours (60°C) / 70,000 Hours (40°C)
Speed Control: Locked Rotor Sensor (D Code)
Noise Level: 44 dB(A)
Housing Material: Plastic (UL94V-0)
Impeller Material: Plastic (UL94V-0)
Termination: 3-Wire Leads
Operating Temperature: -10°C to +70°C
Storage Temperature: -30°C to +70°C
Mounting Orientation: Any
Certifications: UL, CSA, TUV

The 9G1212A4D06 is frequently deployed in high-density server racks, telecommunications infrastructure, and industrial automation control panels where consistent airflow is paramount. Engineers rely on the 9G1212A4D06 for cooling power supplies, CNC machinery electronics, and medical instrumentation, ensuring sensitive components remain within safe operating temperature ranges even during peak operational cycles.

Supplemental Images


San Ace 120
MODEL 9G1212A4D06
DC 12V 0.40A
EP 032002P
SANYO DENKI