9HV1248P1G013 Sanyo Denki 48VDC 120x120x38mm PWM Axial Fan Datasheet

Brand: Sanyo Denki

SKU: 906188582115

Category: Axial & Centrifugal Fans

Price: **$70.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/9hv1248p1g013-sanyo-denki-48vdc-120x120x38mm-pwm-axial-fan

Product Description

The Sanyo Denki 9HV1248P1G013 is a high-performance DC axial fan designed for applications requiring substantial static pressure and airflow density. Part of the renowned San Ace 120 HV series, this unit utilizes a robust DC motor architecture paired with dual ball bearings to ensure longevity and reduced thermal impedance under continuous load. Its aerodynamic impeller design optimizes P-Q performance, maintaining structural rigidity and operational stability even at high rotational speeds, making it an ideal solution for critical thermal management systems.

Model Number: 9HV1248P1G013
Brand: Sanyo Denki
Product Type: DC Axial Fan
Series: San Ace 120 HV
Rated Voltage: 48 VDC
Voltage Range: 36.0 - 55.2 VDC
Rated Current: 2.0 A
Rated Input Power: 96.0 W
Rated Speed: 6400 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 224.0 CFM (380.5 m^3/h / 6.34 m^3/min)
Max. Static Pressure: 38.5 mmH_2O (377 Pa / 1.51 inH_2O)

Dimensions: 120 x 120 x 38 mm
Frame Material: Plastics (Flammability: UL 94V-0)
Impeller Material: Plastics (Flammability: UL 94V-0)
Speed Control: PWM (Pulse Width Modulation)
Signal Output: Tachometer (Pulse Sensor)
Termination: 4-Wire Lead
Operating Temperature: -20°C to +70°C
Storage Temperature: -30°C to +70°C
Life Expectancy: 40,000 Hours (at 60°C)
Safety Protection: Locked Rotor Protection; Reverse Polarity Protection
Weight: 430 g

The 9HV1248P1G013 is engineered for high-impedance environments such as telecommunications cabinets, server racks, and industrial power supplies where back-pressure resistance is critical. Its high-static pressure capabilities make the 9HV1248P1G013 particularly effective in cooling high-density component arrays, CNC machinery control panels, and medical instrumentation requiring reliable, continuous thermal dissipation.

Supplemental Images