9GV0312J301 Sanyo Denki 12VDC 38x38x28mm Guide Vane Axial Fan Datasheet

Brand: Sanyo Denki

SKU: 988354039752

Category: Axial & Centrifugal Fans

Price: **$11.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/9gv0312j301-sanyo-denki-12vdc-38x38x28mm-guide-vane-axial-fan

Product Description

The Sanyo Denki 9GV0312J301 is a high-performance DC axial fan engineered for compact, high-impedance electronic systems. Part of the San Ace 38 9GV series, this unit features specialized guide vanes integrated into the frame struts to rectify airflow and significantly boost static pressure capabilities. The motor is driven by a robust DC circuit and supported by precision dual ball bearings, ensuring exceptional structural rigidity and operational longevity. Its aerodynamic design minimizes vortex losses, making it a superior solution for thermal management in density-critical enclosures.

Model Number: 9GV0312J301
Brand: Sanyo Denki
Product Type: DC Axial Fan
Series: San Ace 38 9GV
Rated Voltage: 12 VDC
Voltage Range: 10.8 - 13.2 VDC
Rated Current: 0.60 A
Power Input: 7.2 W
Rated Speed: 12500 RPM
Bearing Type: Dual Ball Bearing

Max. Air Flow: 17.9 CFM (0.51 m^3/min)
Max. Static Pressure: 280 Pa (1.12 inH_2O)
Dimensions: 38 x 38 x 28 mm
Weight: 48 g
Frame Material: Plastics (UL94V-0)
Impeller Material: Plastics (UL94V-0)
Termination: 3-Wire (Lead Wire)
Ingress Protection: IP40 (Standard)
Operating Temperature: -10 to +70°C
Storage Temperature: -30 to +70°C
Life Expectancy: 40,000 Hours (at 60°C)
Safety Certifications: UL, CSA, TUV

The 9GV0312J301 is specifically designed for applications where space is at a premium but airflow requirements are stringent, such as 1U server power supply units and compact telecommunications modules. The high static pressure generated by the 9GV0312J301 ensures effective cooling through dense component arrays and heatsinks in industrial automation equipment and precision medical devices.

Supplemental Images