

9G1224E101 Sanyo Denki 24V 0.34A 120mm 12038 DC Axial Fan

SKU: 9G1224E101

Price: \$38.00

Categories: Fans

Tags: Sanyo Denki

Product Link:

<https://www.electspares.com/product/9g1224e101-sanyo-denki-24v-0-34a-120mm-12038-dc-axial-fan/>

Product Description

The Sanyo Denki 9G1224E101 is a professional-grade 120 mm DC Axial Fan from the San Ace 120 series, optimized for high-reliability industrial cooling and server rack ventilation. Operating on a nominal 24 VDC supply (20.4 - 27.6 VDC range), this unit features a high-torque Brushless DC Motor that delivers 8.16 W of power at a nominal speed of 3100 RPM. Within its robust 120 x 120 x 38 mm housing made of UL 94V-1 rated plastic, it generates a high airflow of 200.5 m³/h (118 CFM) while overcoming system impedance up to 100 Pa (0.40 inAq). Equipped with a 3-wire interface for real-time Tacho signal speed monitoring, the 9G1224E101 utilizes dual ball bearings and a 7-blade impeller to provide a 330 g lightweight thermal solution with a 46 dB(A) acoustic profile for 24/7 continuous operation.

9G1224E101 Fan Parameters

Manufacturer: Sanyo Denki

Part Number: 9G1224E101

Motor Design: Brushless DC Motor

Type: DC Axial Fan

Nominal Voltage: 24 VDC

Nominal Voltage Range: 20.4 - 27.6 VDC

Dimensions: 120 x 120 x 38 mm

Impeller Size: 120 mm

Number of Blades: 7

Weight: 330 g

[Electrical Data]

Nominal Speed: 3100 RPM

Power Consumption: 8.16 W

Current Draw: 0.34 A

Termination: 3-wire (with Tacho signal)

Motor Protection: Reverse polarity and locked-rotor protection

Insulation Class: E

[Performance & Acoustics]

Max. Air Flow: 200.5 m³/h (118 CFM)

Max. Static Pressure: 100 Pa (0.40 inAq)

Sound Pressure Level: 46 dB(A)

Direction of Rotation: Clockwise (looking at rotor)

Airflow Direction: Exhaust over struts

[Materials & Construction]

Housing Material: Plastic (UL 94V-1)

Impeller Material: Plastic (UL 94V-1)

Motor Bearing: Dual Ball Bearings

Mounting: 4 corner holes (Ø 4.5 mm)

[Reliability & Protection]

Degree of Protection: IP20

Min. Ambient Temperature: -20 °C

Max. Ambient Temperature: 70 °C

Service Life (L10 at 60 °C): 40000 h

Standard Compliance: UL, CSA, TÜV, CE

Application

The Sanyo Denki 9G1224E101 is specifically engineered for high-density industrial control panels and network server enclosures where its 120 x 120 x 38 mm UL 94V-1 plastic housing and 3100 RPM performance are required to deliver a constant 118 CFM airflow against system impedance, providing a critical 24 VDC thermal solution for electronic modules that demand 3-wire Tacho monitoring and a 46 dB(A) balanced acoustic profile during 24/7 continuous operation.

Product Images





Scan for product details:

