

9GT0424P3J001 Sanyo Denki 24V 0.15A axial fan

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Price: \$69.04

Categories: Fans

Tags: Sanyo Denki

Product Link:

<https://www.electspares.com/product/9gt0424p3j001-sanyo-denki-24v-0-15a-axial-fan/>

Product Description

Model Number: 9GT0424P3J001

Manufacturer: Sanyo Denki

Series: San Ace 40T (Wide Temperature Range Fan)

Fan Type: DC Brushless Axial Fan (Tubeaxial)

Dimensions (L x H x W): 40 mm x 40 mm x 28 mm

Rated Voltage: 24 VDC

Operating Voltage Range: 20.4 VDC to 27.6 VDC

Rated Current: 0.150 A

Input Power: 3.6 W

Wiring: 4 Lead Wires (includes Positive, Negative, Pulse Sensor Output, and PWM Control Input)

Protection Functions: Locked Rotor Burnout Protection, Reverse Polarity Protection

Rotational Speed (RPM): 11700 RPM

Maximum Airflow:

18.4 CFM (Cubic Feet per Minute)

0.52 m³/min (Cubic Meters per Minute)

31.2 m³/h (Cubic Meters per Hour)

Maximum Static Pressure:

0.827 in H₂O (Inches of Water)

206 Pa (Pascals)

Noise Level: 48.0 dB(A)

Bearing Type: Ball Bearing

Frame Material: Aluminum (Black coating, as per some datasheets) / Plastic (UL 94V-0 Flame Retardancy, general for San Ace fans) - Note: Some sources specify Aluminum frame for this

model, while others state general plastic. Aluminum is more typical for high-performance/wide-temp fans.

Impeller (Blade) Material: Plastic (UL 94V-1 Flame Retardancy)

Frame Design: Ribless (some sources specify "Ribbed No")

Sensor Type: Pulse Sensor (Tachometer output for speed monitoring)

Control Function: PWM Control (Pulse Width Modulation for speed regulation)

Operating Temperature Range: -40°C to +85°C

Expected Life (L10): 40,000 hours at 85°C (or 162,000 hours at 40°C)

Safety Approvals: CSA, TUV, UL

Mass: Approximately 55 g

The Sanyo Denki 9GT0424P3J001 is a high-performance, compact 40x40x28mm DC axial fan from the San Ace 40T "Wide Temperature Range" series. It operates on 24VDC with 0.150A current and 3.6W power, capable of delivering a high 18.4 CFM (0.52 m³/min) of airflow and significant 0.827 in H₂O (206 Pa) static pressure at a fast 11700 RPM, with a noise level of 48.0 dB(A). Featuring durable ball bearings and a robust design (likely aluminum frame), it supports a very wide operating temperature range from -40°C to +85°C. Equipped with both a pulse sensor for speed monitoring and PWM control for precise speed regulation, along with locked rotor and reverse polarity protection, this fan offers a long L10 life of 40,000 hours at 85°C, making it ideal for demanding environments where consistent performance and reliability are critical.

Product Images



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