

# 9GA0412G7008 Sanyo Denki 12VDC 0.17A 40x40x28mm Axial Fan Datasheet



**Brand:** Sanyo Denki

**SKU:** [990930355960](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$16.99**

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Product Page:

<https://www.equipspares.com/product/9ga0412g7008-sanyo-denki-12vdc-0-17a-40x40x28mm-axial-fan>

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## Product Description

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The Sanyo Denki 9GA0412G7008 is a precision-engineered Axial Fan from the renowned San Ace 40 series, designed to deliver optimal thermal management in compact industrial environments. Utilizing advanced DC motor technology and a robust dual ball bearing architecture, this unit ensures exceptional rotational stability and reduced friction, significantly extending operational lifespan. The aerodynamic impeller design minimizes turbulence while maximizing static pressure, making it ideal for high-impedance applications. Constructed with high-grade materials to ensure structural rigidity, the 9GA0412G7008 offers a superior balance between airflow performance and energy efficiency, effectively lowering thermal impedance in critical electronic assemblies.

Model Number: 9GA0412G7008

Brand: Sanyo Denki

Product Type: DC Axial Fan

Series: San Ace 40 (9GA Type)

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.17 A

Power Consumption: 2.04 W

Rated Speed: 13,100 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 16.6 CFM (28.2 m<sup>3</sup>/h / 0.47 m<sup>3</sup>/min)

Max. Static Pressure: 27.5 mmH<sub>2</sub>O (270 Pa / 1.08 inH<sub>2</sub>O)

Dimensions: 40x40x28 mm

Weight: 53 g

Life Expectancy: 40,000 Hours @ 60°C / 70,000 Hours @ 40°C

Noise Level: 42 dB(A)

Speed Control: Pulse Sensor (Tachometer)

Termination: 3-Wire Lead

Frame Material: Plastics (UL94V-0)

Impeller Material: Plastics (UL94V-0)

Operating Temperature: -20°C to +70°C

Storage Temperature: -30°C to +70°C

Dielectric Strength: 50/60 Hz, 500 VAC, 1 minute

Motor Protection: Locked Rotor Burnout Protection, Reverse Polarity Protection

Origin: Philippines

Designed for high-density electronic enclosures, the 9GA0412G7008 excels in maintaining optimal operating temperatures within 1U server chassis and telecommunications equipment. Its compact 40mm form factor allows for seamless integration into industrial automation controllers and medical instrumentation where space is at a premium. Engineers frequently specify the 9GA0412G7008 for forced-air cooling in power supply units and network switches, relying on its high static pressure capabilities to overcome system resistance and ensure continuous reliability in mission-critical infrastructure.

## Supplemental Images

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