

# 9GA0612G6003 Sanyo Denki 12V 60x60x20mm DC Axial Fan Datasheet



**Brand:** Sanyo Denki

**SKU:** 1039475900788

**Category:** Axial & Centrifugal Fans

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

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Product Page:

<https://www.equipspares.com/product/9ga0612g6003-sanyo-denki-12v-60x60x20mm-dc-axial-fan>

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## Product Description

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Sanyo Denki 9GA0612G6003 is a 60 x 60 x 20 mm DC tubeaxial fan operating at a nominal 12 VDC and 3.12 W, delivering a maximum airflow of 31.1 CFM and static pressure of 124.5 Pa. The unit features a lightweight plastic housing and impeller, supported by a dual ball bearing system for extended operational longevity. It utilizes a 3-wire interface with a tachometer speed sensor and includes locked rotor burnout protection alongside reverse polarity protection.

### 9GA0612G6003 Specifications

Model Number: 9GA0612G6003

Brand: Sanyo Denki

Series: San Ace 60 (9GA Type)

Product Category: DC Tubeaxial Fan

Dimensions: 60 x 60 x 20 mm

Nominal Voltage: 12 VDC

Operating Voltage Range: 10.8 to 13.2 VDC

Nominal Current: 0.26 A

Power Consumption: 3.12 W

Rotational Speed: 6850 RPM

Maximum Airflow: 31.1 CFM (0.88 m<sup>3</sup>/min)

Maximum Static Pressure: 124.5 Pa (0.500 in H<sub>2</sub>O)

Acoustic Noise Level: 43 dBA

Operating Temperature: -20 °C to 70 °C

Bearing Type: Double Ball Bearing

Housing Material: Plastic

Impeller Material: Plastic

Termination: 3-Wire Leads with Plug

Protection Features: Locked Rotor Burnout Protection, Reverse Polarity Protection

Sensor Type: Tachometer (Speed Sensor)

#### 9GA0612G6003 Applications

Primary applications include integration into telecommunications base stations, CNC spindle cooling systems, and industrial power supply enclosures. Deployed within automated test equipment and server racks, this fan provides forced convection cooling for high-density electronic components operating under continuous thermal loads.

## Supplemental Images

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