

# 9GV0412P3J16 Sanyo Denki 12VDC 40x28mm Cooling Fan Datasheet

**Brand:** Sanyo Denki

**SKU:** 1048540636678

**Category:** Axial & Centrifugal Fans

**Price:** **\$24.29**

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Product Page:

<https://www.equipspares.com/product/9gv0412p3j16-sanyo-denki-12vdc-40x28mm-cooling-fan>

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## Product Description

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Sanyo Denki 9GV0412P3J16 is a 40 x 40 x 28 mm high-performance DC axial fan operating at a nominal 12 VDC with a rated current of 0.60 A. This unit features a dual ball bearing system and a plastic frame and impeller meeting UL 94V-0 flammability standards. It delivers a maximum airflow of 0.64 m<sup>3</sup>/min (22.6 CFM) and a maximum static pressure of 430 Pa. The fan includes a pulse width modulation (PWM) speed control interface and a tachometer output for precise thermal management.

### 9GV0412P3J16 Specifications

Model: 9GV0412P3J16

Brand: Sanyo Denki

Series: San Ace 40 GV

Frame Size: 40 x 40 x 28 mm

Rated Voltage: 12 VDC

Operating Voltage Range: 10.2 to 13.8 VDC

Rated Current: 0.60 A

Rated Input: 7.2 W

Rated Speed: 17,000 RPM

Max Airflow: 0.64 m<sup>3</sup>/min

Max Airflow: 22.6 CFM

Max Static Pressure: 430 Pa

Max Static Pressure: 1.73 inchH<sub>2</sub>O

SPL (Sound Pressure Level): 54 dB (A)

Operating Temperature: -20 to +70 °C

Storage Temperature: -30 to +70 °C

Expected Life: 40,000 hours at 60 °C

Bearing Type: Dual Ball Bearing

PWM Control: Yes

Sensor: Pulse Sensor (Tachometer)

Material Frame: Plastic (UL 94V-0)

Material Impeller: Plastic (UL 94V-0)

Mass: 53 g

#### 9GV0412P3J16 Applications

Primary applications include integration into 1U and 2U rackmount server chassis, high-density telecommunications switching equipment, and enterprise-grade network routers. Deployed within power supply units and compact industrial computing modules requiring high static pressure for dense component cooling.