

9GA0412P3H01 Sanyo Denki DC brushless axial fan

SKU: 725422455655

Price: \$20.36

Categories: Fans

Tags: Sanyo Denki

Product Link:

<https://www.electspares.com/product/9ga0412p3h01-sanyo-denki-dc-brushless-axial-fan/>

Product Description

Model Number: 9GA0412P3H01

Manufacturer: Sanyo Denki

Series: San Ace 40 GA (Low Power Consumption Fan)

Fan Type: DC Brushless Axial Fan (Tubeaxial)

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

Rated Voltage: 12 VDC

Operating Voltage Range: 10.8 VDC to 13.2 VDC

Rated Current: 0.280 A

Input Power: 3.36 W

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

Protection Functions: Locked Rotor Burnout Protection, Reverse Polarity Protection

Rotational Speed (RPM): 14500 RPM

Maximum Airflow:

19.1 CFM (Cubic Feet per Minute)

0.54 m³/min (Cubic Meters per Minute)

32.4 m³/h (Cubic Meters per Hour)

Maximum Static Pressure:

1.39 in H₂O (Inches of Water)

347 Pa (Pascals)

Noise Level: 50.0 dB(A)

Bearing Type: Ball Bearing

Frame Material: Plastic (Resin) (UL 94V-0 Flame Retardancy)

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

Frame Design: Ribbed

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

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

Operating Temperature Range: -20°C to +70°C (-4°F to 158°F)

Expected Life (L10): 40,000 hours at 60°C (or 70,000 hours at 40°C)

Safety Approvals: CSA, TUV, UL

Mass: Approximately 53 g (0.117 lb)

RoHS Compliant: Yes

The Sanyo Denki 9GA0412P3H01 is a powerful and energy-efficient 40x40x28mm DC axial fan from the San Ace 40 GA series, designed for high airflow in compact electronic applications.

Operating on 12VDC with a low power consumption of 3.36W and current draw of 0.280A, it delivers an impressive 19.1 CFM (0.54 m³/min) of airflow and high static pressure of 1.39 in H₂O (347 Pa) at a rapid 14500 RPM, with a noise level of 50.0 dB(A). This fan features durable ball bearings, flame-retardant plastic construction, and includes both a pulse sensor for speed monitoring and PWM control for precise speed regulation, along with locked rotor and reverse polarity protection, ensuring a long L10 life of 40,000 hours at 60°C.

Product Images



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