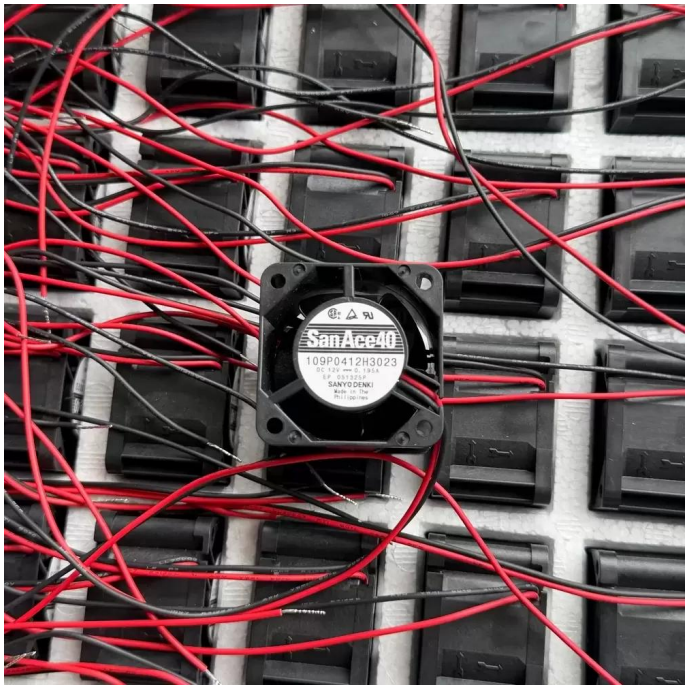
109P0412H3023 Sanyo Denki 12V 40x40x28mm DC Axial Fan Datasheet



Brand: Sanyo Denki

SKU: 1038918952146

Category: Axial & Centrifugal Fans

Price: **$17.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/109p0412h3023-sanyo-denki-12v-40x40x28mm-dc-axial-fan

Product Description

Sanyo Denki 109P0412H3023 is a 40 x 40 x 28 mm DC tubeaxial fan operating at a nominal 12 VDC and delivering a primary output of 11.3 CFM. Constructed with a rigid plastic housing and impeller, this unit utilizes a precision ball bearing mechanism to support a continuous rotational speed of 8700 RPM. The hardware features a 2-wire lead termination for direct circuit integration, drawing 0.195 A and consuming 2.34 W of power under standard loads. Internal motor safeguards include locked rotor burnout protection and reverse polarity protection, ensuring stable mechanical operation across an environmental temperature range of -20 °C to 70 °C.

109P0412H3023 Specifications
Model Number: 109P0412H3023
Brand: Sanyo Denki
Product Category: DC Tubeaxial Fan
Dimensions: 40 x 40 x 28 mm
Nominal Voltage: 12 VDC
Operating Voltage Range: 7 VDC to 13.8 VDC
Nominal Current: 0.195 A
Power Consumption: 2.34 W
Maximum Airflow: 11.3 CFM (0.316 m^3/min)
Rotational Speed: 8700 RPM

Acoustic Noise Level: 37 dBA
Bearing Type: Ball Bearing
Housing Material: Plastic
Impeller Material: Plastic
Termination: 2-Wire Leads (Bare Wire)
Operating Temperature Range: -20 °C to 70 °C
Motor Protection: Locked Rotor Burnout Protection, Reverse Polarity Protection
Weight: 47 g

109P0412H3023 Applications

Primary applications include integration into rackmount servers, telecom base station power supplies, and CNC spindle motor controllers. Deployed within industrial HVAC control panels and automated optical inspection systems, this component provides targeted thermal management for high-density printed circuit boards. It is also utilized in medical imaging equipment power distribution units and automotive LED headlight heat sink assemblies.

Supplemental Images