

109P0424J3013 Sanyo Denki 24V 40x40x28mm DC Axial Fan

SKU: 109P0424J3013

Price: \$37.86

Categories: Fans

Tags: Sanyo Denki

Product Link:

<https://www.electspares.com/product/109p0424j3013-sanyo-denki-24v-40x40x28mm-dc-axial-fan/>

Product Description

The Sanyo Denki 109P0424J3013 is a high-performance 24VDC axial fan with dimensions of 40 x 40 x 28 mm, specifically engineered for concentrated thermal management in space-limited industrial applications. As a member of the San Ace 40 (9P type) series, this cooling solution features a robust plastic frame and a 5-blade high-efficiency impeller (UL 94V-0), optimized for stable aerodynamic output and durability. It operates at a rated speed of 12,500 RPM, delivering a maximum air flow of 14.5 CFM (24.6 m³/h) and a high static pressure of 0.72 inH₂O (180 Pa). Equipped with a precision dual ball bearing system and a tachometer sensor for real-time monitoring, the 109P0424J3013 ensures an extended service life of 60,000 hours at 40°C. This model is characterized by its high power-to-size ratio and integrated protection features, making it a critical component for high-reliability hardware cooling.

109P0424J3013 Fan Parameters

Manufacturer: Sanyo Denki

Model Number: 109P0424J3013

Type: DC Axial Fan

Series: San Ace 40 (9P type)

Dimensions: 40 x 40 x 28 mm

Weight: 53 g

Frame Material: Plastics (UL 94V-0)

Impeller Material: Plastics (UL 94V-0)

Bearing Type: Dual Ball Bearing

Number of Blades: 5

Rated Voltage: 24 VDC

Operating Voltage Range: 20.4 - 27.6 VDC

Rated Current: 0.18 A
Rated Input Power: 4.32 W
Rated Speed: 12,500 RPM
Max. Air Flow: 14.5 CFM (24.6 m³/h / 0.41 m³/min)
Max. Static Pressure: 0.72 inH₂O (180 Pa / 18.3 mmH₂O)
Sound Pressure Level: 44 dB(A)
Termination: 3 Lead Wires (300 mm, AWG 26)
Wire Functions: Red (+), Black (-), Yellow (Tachometer)
Control Interface: Tachometer Sensor
Operating Temperature: -20 - +70 °C
Storage Temperature: -30 - +70 °C
Expected Life: 40,000 h (at 60 °C) / 60,000 h (at 40 °C)
Locked Rotor Protection: Supported
Reverse Polarity Protection: Supported
Dielectric Strength: 50/60 Hz, 500 VAC, for 1 minute
Insulation Resistance: 10 MΩ or more (500 VDC)
Safety Approvals: UL, CSA, TUV, RoHS

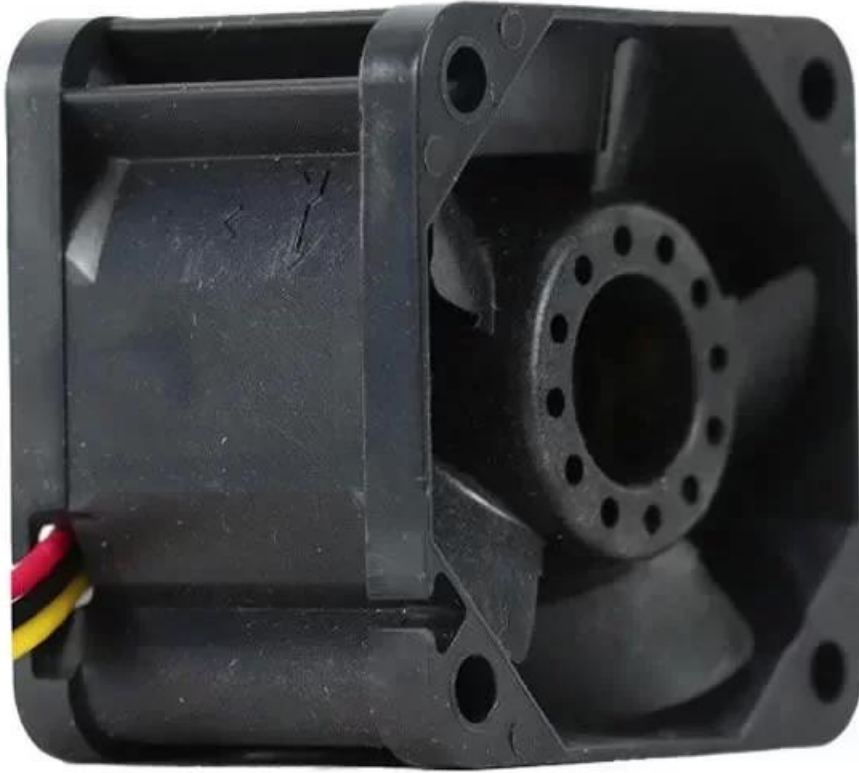
Application

This compact high-speed axial fan is specifically designed for cooling 1U/2U server chassis, network routers, telecommunications equipment, high-wattage power supplies, and medical diagnostic instruments where efficient heat dissipation in confined spaces is required.

Product Images









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