

SJ4020MD2 SANJUN 24V 40x40x20mm industrial DC Axial Fan

SKU: SJ4020MD2

Price: \$9.99

Categories: Fans

Tags: Sanju

Product Link:

<https://www.electspares.com/product/sj4020md2-sanjun-24v-40x40x20mm-industrial-dc-axial-fan/>

Product Description

The SANJUN SJ4020MD2 is a high-performance 24VDC DC Axial Fan with dimensions of 40 x 40 x 20 mm, specifically engineered for precision cooling in industrial control modules, medical instruments, and automated systems. Driven by a high-efficiency DC motor with reinforced dual ball bearings, this compact unit operates on a 24 VDC supply delivering a Max. Power Consumption of 1.92 W and a Max. Current Draw of 0.08 A at a rated speed of 6200 RPM. This High-performance unit is optimized to balance airflow and system backpressure, providing a Max. Air Flow of 7.2 CFM (12.2 m³/h / 0.20 m³/min) and a Max. Static Pressure of 4.88 mmH₂O (47.9 Pa / 0.19 inAq). Featuring a 5-blade high-torque impeller and rugged UL 94V-0 plastic construction, this 40 mm unit ensures high operational reliability and an extended service life of 50,000 hours in continuous industrial environments at the end.

SJ4020MD2 Fan Parameters

Model Number: SJ4020MD2

Manufacturer: SANJUN

Type: DC Axial Fan

Dimensions: 40 x 40 x 20 mm

Weight: 35 g

Bearing Type: Two Ball Bearing

Nominal Voltage: 24 VDC

Nominal Voltage Range: 14.0 - 27.6 VDC

Max. Current Draw: 0.08 A

Max. Power Consumption: 1.92 W

Rated Speed: 6200 RPM

Max. Air Flow: 7.2 CFM (12.2 m³/h / 0.20 m³/min)

Max. Static Pressure: 4.88 mmH₂O (47.9 Pa / 0.19 inAq)

Working Air Flow: 12.2 m³/h

Static Pressure Increase: 47.9 Pa

Noise Level: 29.5 dB(A)

Number of Blades: 5

Connection: 2-Wire (Red +, Black -; UL1007 AWG#26)

Technical Features: Dual ball bearing industrial design

Motor Protection: Locked-rotor protection; Polarity protection

Insulation Class: "A"

Degree of Protection: IP51

Protection Class: III

Impeller Material: UL 94V-0 Plastic

Housing Material: UL 94V-0 Plastic

Direction of Rotation: Counter-clockwise (viewed from rotor)

Installation Position: Any

Mode: S1

Service Life (L10): 50,000 h (at 40 °C)

Ambient Temperature (Max.): 70 °C

Min. Operating Temperature: -10 °C

Standard Compliance: CE

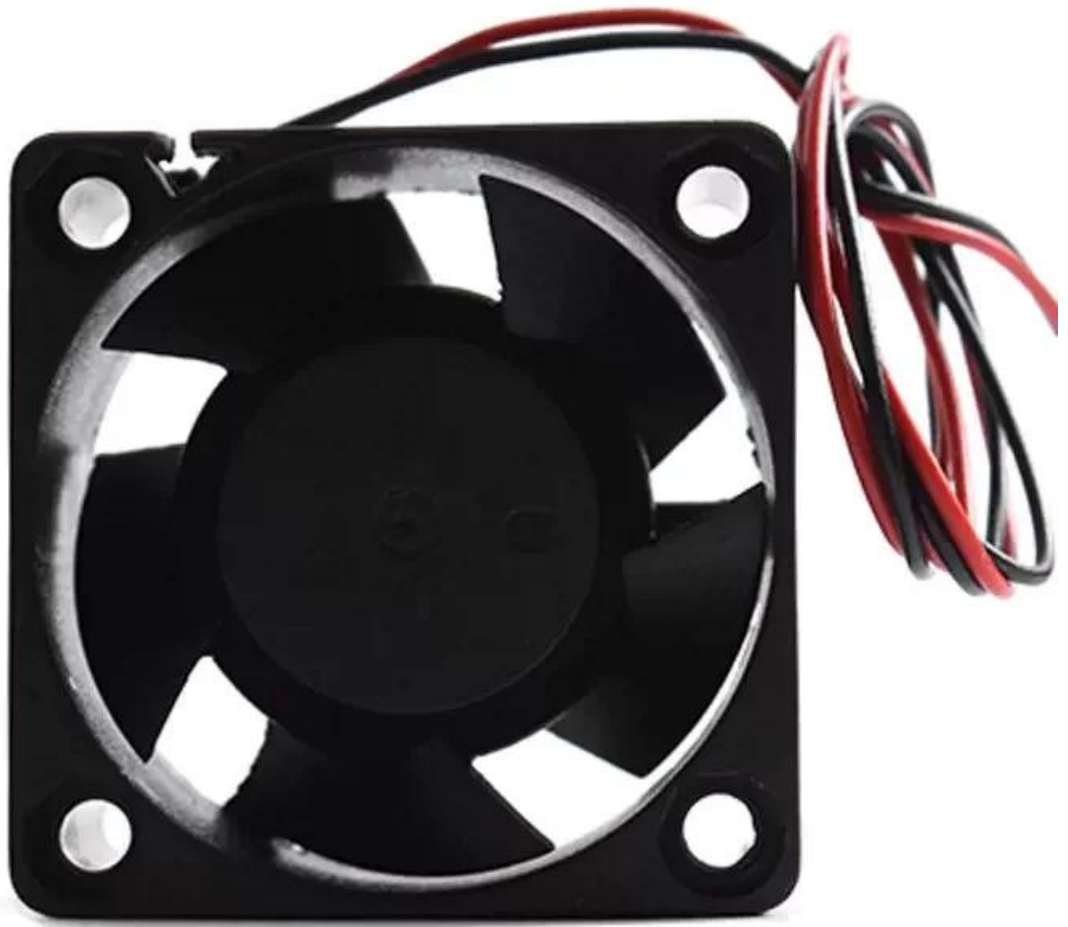
Approval: TUV; CE

Application

The SANJUN SJ4020MD2 fan is the primary cooling component for industrial control modules, micro-switching power supplies, and communication devices requiring stable 24V airflow and reliable heat dissipation.

Product Images







Scan for product details:

