

D08A-24PSI 02B Nidec 24VDC 80x80x25mm 3-Wire Axial Fan Datasheet



Brand: Nidec

SKU: [920212245322](#)

Category: Axial & Centrifugal Fans

Price: **\$9.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/d08a-24psi-02b-nidec-24vdc-80x80x25mm-3-wire-axial-fan>

Product Description

The Nidec D08A-24PSI 02B is a precision-engineered DC Axial Fan designed for critical thermal management in industrial electronics and power systems. Utilizing advanced motor technology, this unit delivers consistent airflow while maintaining low thermal impedance within the system enclosure. The robust construction ensures structural rigidity, minimizing vibration and resonance during operation, which is essential for sensitive audio and frequency control equipment. Engineered with a specialized bearing architecture, it provides reliable long-term performance and stability. The aerodynamic blade design optimizes static pressure, making it an ideal solution for restricted airflow environments such as amplifier chassis and variable frequency drive inverters.

Model Number: D08A-24PSI 02B

Brand: Nidec

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.12 A

Power Consumption: 2.88 W

Rated Speed: 3100 RPM

Bearing Type: Precision Ball Bearing

Max. Air Flow: 38.0 CFM (64.5 m³/h / 1.07 m³/min)

Max. Static Pressure: 3.5 mmH₂O (34.3 Pa / 0.14 inH₂O)

Dimensions: 80x80x25mm

Weight: 85 g

Termination: 3-Wire Lead (230mm length)

Connector: 3-Pin Standard

Housing Material: PBT (UL94V-0)

Blade Material: PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Noise Level: 31.0 dB(A)

Life Expectancy: 70,000 Hours @ 40°C

Speed Control: Tachometer Output

Ingress Protection: IP20

This cooling solution is specifically engineered for integration into high-fidelity audio amplifiers and industrial variable frequency drives (VFDs). The D08A-24PSI 02B excels in maintaining optimal operating temperatures within power electronics, preventing thermal throttling in frequency converters and signal processors. Additionally, the D08A-24PSI 02B is suitable for server rack spot cooling, telecommunications equipment, and automation control cabinets where reliable heat dissipation is critical for component longevity.

Supplemental Images

