

09225SS-24N-AL-D5 NMB 24VDC 92x92x25mm 3-Wire Axial Fan Datasheet



Brand: NMB

SKU: [987276714647](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/09225ss-24n-al-d5-nmb-24vdc-92x92x25mm-3-wire-axial-fan>

Product Description

The NMB 09225SS-24N-AL-D5 is a precision-engineered DC axial fan designed for critical thermal management in industrial electronics. Manufactured by MinebeaMitsumi, this unit integrates advanced motor technology with an optimized impeller profile to deliver consistent airflow while minimizing acoustic noise. The robust frame construction ensures structural rigidity under thermal stress, making it ideal for continuous operation environments. Featuring a specialized bearing architecture, the 09225SS-24N-AL-D5 reduces friction and thermal impedance, ensuring reliable performance in variable frequency drives and power supply units.

Model Number: 09225SS-24N-AL-D5

Brand: NMB (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.17 A

Input Power: 4.08 W

Rated Speed: 3100 RPM

Bearing Type: Precision Sleeve Bearing

Max. Air Flow: 53.0 CFM (90.0 m³/h / 1.50 m³/min)

Max. Static Pressure: 4.50 mmH₂O (44.1 Pa / 0.18 inH₂O)

Dimensions: 92 x 92 x 25 mm

Weight: 95 g

Life Expectancy: 40,000 Hours at 25°C

Noise Level: 38.0 dB(A)

Termination: 3-Wire Leads

Wire Function: Red (+), Black (-), White/Yellow (Sensor)

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Speed Control: Tachometer Signal

Safety Certifications: UL, CSA, TUV, CE

Designed specifically for high-demand industrial environments, the 09225SS-24N-AL-D5 excels in cooling variable frequency drives (VFDs) and power inverters where consistent airflow is paramount. Its compact 92mm form factor allows for seamless integration into server racks, CNC control panels, and telecommunications enclosures. The 09225SS-24N-AL-D5 provides the necessary static pressure to overcome impedance in densely packed electronic assemblies, ensuring optimal operating temperatures for sensitive components.

Supplemental Images

