

09225VA-24N-AA-01 NMB 24VDC 92x92x25mm 2-Wire Axial Fan Datasheet



Brand: NMB

SKU: 991394118551

Category: Axial & Centrifugal Fans

Price: **\$21.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

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Product Description

The NMB 09225VA-24N-AA-01 is a precision-engineered Axial Fan designed for critical thermal management in industrial environments. Utilizing advanced DC motor technology coupled with NMB's proprietary dual ball bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous load. The aerodynamic impeller design is optimized to reduce turbulence while maximizing static pressure, effectively lowering thermal impedance within high-density enclosures. Constructed with high-grade materials to maintain structural rigidity, the fan delivers consistent airflow performance, making it an ideal solution for maintaining optimal operating temperatures in sensitive electronic assemblies and power conversion systems.

Model Number: 09225VA-24N-AA-01

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: Axial Fan

Rated Voltage: 24V DC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.29 A

Power Consumption: 6.96 W

Rated Speed: 3400 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 61.8 CFM (105 m³/h / 1.75 m³/min)

Max. Static Pressure: 6.8 mmH₂O (66.7 Pa / 0.27 inH₂O)

Dimensions: 92 x 92 x 25 mm

Weight: 95 g

Life Expectancy: 100,000 Hours at 25°C

Termination: 2-Wire Lead

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Noise Level: 39.0 dB(A)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP40

Mounting Orientation: Any

Safety Certifications: UL, CSA, TUV, VDE

The 09225VA-24N-AA-01 is specifically engineered for demanding industrial applications requiring reliable forced air cooling. It is frequently deployed in variable frequency drive (VFD) inverters, server rack enclosures, and telecommunications equipment where heat dissipation is critical for component longevity. The robust design of the 09225VA-24N-AA-01 allows it to operate effectively in automation control panels and CNC machinery, ensuring that power electronics remain within safe thermal limits during continuous operation.

Supplemental Images

