

# 09225VA-24Q-BL-08 NMB 24VDC 92x92x25mm 3-Wire Axial Fan Datasheet



**Brand:** NMB

**SKU:** [946490278702](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$29.99**

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Product Page:

<https://www.equipspares.com/product/09225va-24q-bl-08-nmb-24vdc-92x92x25mm-3-wire-axial-fan>

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## Product Description

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The NMB 09225VA-24Q-BL-08 is a precision-engineered DC axial fan designed for critical thermal management applications requiring high static pressure and consistent airflow. Utilizing NMB's proprietary MinebeaMitsumi dual ball bearing technology, this unit ensures exceptional longevity and reduced frictional coefficients, significantly lowering thermal impedance during operation. The aerodynamic impeller design optimizes air intake efficiency while maintaining structural rigidity under high rotational speeds. Engineered with a robust PBT housing, it delivers reliable cooling performance in demanding industrial environments, ensuring system stability through superior heat dissipation mechanics.

Model Number: 09225VA-24Q-BL-08

Brand: NMB Technologies

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.19 A

Input Power: 4.56 W

Rated Speed: 4000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 72.4 CFM (123 m<sup>3</sup>/h / 2.05 m<sup>3</sup>/min)

Max. Static Pressure: 7.8 mmH<sub>2</sub>O (76.5 Pa / 0.31 inH<sub>2</sub>O)

Dimensions: 92x92x25mm

Weight: 95 g

Life Expectancy: 100,000 Hours @ 25°C / 60,000 Hours @ 60°C

Noise Level: 44 dBA

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Termination: 3-Wire Leads

Speed Control: Tachometer Sensor (FG Signal)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Insulation Resistance: 10M Ohm Min. at 500VDC

Dielectric Strength: 700VAC for 1 Second

Protection: Auto Restart / Polarity Protection

The 09225VA-24Q-BL-08 is engineered for integration into high-density electronic enclosures where space and thermal efficiency are paramount. Common deployment sectors include server rack cooling modules, telecommunications base stations, and industrial automation control panels requiring continuous duty cycles. Additionally, the 09225VA-24Q-BL-08 serves as a critical component in medical instrumentation and power supply units, providing the necessary airflow to prevent component degradation in thermally sensitive equipment.

## Supplemental Images

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