

# 09238DE-24P-CUE-1 NMB 24VDC 92x38mm PWM Axial Fan Datasheet



**Brand:** NMB

**SKU:** [1007172063741](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$23.99**

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Product Page:

<https://www.equipspares.com/product/09238de-24p-cue-1-nmb-24vdc-92x38mm-pwm-axial-fan>

## Product Description

The NMB 09238DE-24P-CUE-1 is a high-performance Axial Fan engineered for demanding industrial thermal management applications. Leveraging MinebeaMitsumi's advanced precision machining, this unit features a robust dual ball bearing architecture that ensures exceptional rotational stability and longevity under continuous operation. The aerodynamic impeller design is optimized to deliver high static pressure, effectively overcoming significant thermal impedance in densely packed electronic enclosures. With a 24VDC drive system and integrated PWM speed control capabilities, it offers precise airflow modulation, balancing cooling efficiency with acoustic performance. The structural rigidity of the frame supports high-speed operation, making it an ideal solution for critical cooling requirements where reliability is paramount.

Model Number: 09238DE-24P-CUE-1

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 1.50 A

Power Consumption: 36.0 W

Rated Speed: 5500 RPM

Max. Air Flow: 120.1 CFM (204.0 m<sup>3</sup>/h / 3.40 m<sup>3</sup>/min)

Max. Static Pressure: 28.5 mmH<sub>2</sub>O (279.5 Pa / 1.12 inH<sub>2</sub>O)

Bearing Type: Dual Ball Bearing

Dimensions: 92 x 92 x 38 mm

Weight: 230 g

Life Expectancy: 70,000 Hours at 40°C

Speed Control: PWM (Pulse Width Modulation)

Noise Level: 58.0 dBA

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Termination: Lead Wires

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20

Safety Protection: Auto Restart, Polarity Protection

Designed for high-static pressure environments, the 09238DE-24P-CUE-1 excels in cooling variable frequency drives (VFDs) and industrial inverters where dense componentry restricts airflow. This model is frequently deployed in server rack enclosures, telecommunications base stations, and precision CNC machinery requiring consistent thermal regulation. The 09238DE-24P-CUE-1 is also suitable for medical instrumentation and power supply units, ensuring critical components remain within safe operating temperature ranges during peak loads.

## Supplemental Images

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