

09238RL-24P-GA-00 NMB 24VDC 92x92x38mm Waterproof Axial Fan Datasheet



Brand: NMB

SKU: [716964808720](#)

Category: Axial & Centrifugal Fans

Price: **\$32.99**

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Product Description

The NMB 09238RL-24P-GA-00 is a precision-engineered Axial Fan designed for critical thermal management in high-demand industrial applications. Utilizing advanced DC motor technology coupled with a robust Dual Ball Bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes airflow dynamics to reduce thermal impedance within high-density enclosures while maintaining structural rigidity. Constructed with specialized potting for ingress protection, this fan is specifically calibrated for harsh environments requiring reliable heat dissipation and consistent performance.

Model Number: 09238RL-24P-GA-00

Brand: NMB (MinebeaMitsumi)

Product Type: Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 1.20 A

Power Input: 28.8 W

Rated Speed: 6500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 130.5 CFM (221.7 m³/h / 3.69 m³/min)

Max. Static Pressure: 24.5 mmH₂O (240.2 Pa / 0.96 inH₂O)

Dimensions: 92x92x38mm

Weight: 230 g

Life Expectancy: 100,000 Hours at 25°C

Ingress Protection: Waterproof (IP Rated)

Noise Level: 61.0 dB(A)

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Termination: 2-Wire Leads

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Mounting Orientation: Any

Safety Certifications: UL, CSA, TUV, CE

This high-static pressure cooling solution is specifically engineered for demanding industrial sectors, including variable frequency drive (VFD) inverters and heavy-duty power supply units. The 09238RL-24P-GA-00 excels in environments where consistent airflow is required to maintain optimal operating temperatures for sensitive electronic components, particularly in moisture-prone areas. Additionally, the 09238RL-24P-GA-00 is widely utilized in server rack cooling, CNC machinery control panels, and telecommunications equipment, ensuring system stability and preventing thermal throttling in continuous-duty cycles.

Supplemental Images

