

# 08025SA-24R-AT-G00 NMB 24VDC 80x80x25mm Axial Fan Datasheet



**Brand:** NMB

**SKU:** [979755496999](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$12.99**

**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

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

Product Page:

<https://www.equipspares.com/product/08025sa-24r-at-g00-nmb-24vdc-80x80x25mm-axial-fan>

## Product Description

The NMB 08025SA-24R-AT-G00 is a precision-engineered axial fan designed for high-reliability thermal management in server and industrial environments. Utilizing NMB's proprietary dual ball bearing architecture, this unit ensures minimal friction and extended operational lifespan under continuous load. The impeller features an advanced aerodynamic profile that optimizes the P-Q curve, delivering high static pressure relative to its footprint while maintaining structural rigidity. Its robust frame construction minimizes vibration-induced noise, making it an ideal solution for systems requiring low thermal impedance and consistent airflow performance. The unit is constructed with UL94V-0 rated materials, ensuring compliance with stringent industrial safety standards.

Model Number: 08025SA-24R-AT-G00

Brand: NMB (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.22 A

Power Consumption: 5.28 W

Rated Speed: 4250 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 53.0 CFM (90.0 m<sup>3</sup>/h / 1.50 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: 80 x 80 x 25 mm

Weight: 95 g

Life Expectancy: 100,000 Hours (25°C)

Noise Level: 44.0 dBA

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: 3-Wire Lead

Ingress Protection: IP20

This cooling solution is specifically engineered for high-density computing environments, including rack-mount servers and telecommunications switching gear. The 08025SA-24R-AT-G00 excels in applications where sustained airflow is critical for dissipating heat from processors and power supply units. Additionally, the 08025SA-24R-AT-G00 is frequently utilized in industrial automation control panels and medical instrumentation, providing reliable thermal regulation to prevent component degradation in 24/7 operational cycles.

## Supplemental Images

---

