

06025SS-24K-AL-D1 NMB 24VDC 60x60x25mm Axial Fan Datasheet



Brand: NMB

SKU: [735869266216](#)

Category: Axial & Centrifugal Fans

Price: **\$15.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/06025ss-24k-al-d1-nmb-24vdc-60x60x25mm-axial-fan>

Product Description

The NMB 06025SS-24K-AL-D1 is a precision-engineered DC Axial Fan designed for critical thermal management in industrial electronics. Manufactured by MinebeaMitsumi, this component integrates advanced motor technology with an optimized impeller profile to minimize thermal impedance while maintaining structural rigidity under continuous operation. The unit features the SS series bearing architecture, ensuring consistent rotational stability and reduced acoustic signature suitable for sensitive environments. Its aerodynamic housing facilitates efficient airflow delivery, making it an ideal solution for high-density electronic enclosures requiring reliable heat dissipation and long-term operational integrity.

Model Number: 06025SS-24K-AL-D1

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24V DC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.06 A

Power Consumption: 1.44 W

Dimensions: 60 x 60 x 25 mm

Bearing Type: SS Series Sleeve System

Rated Speed: 4200 RPM

Max. Air Flow: 19.4 CFM (33.0 m³/h)
Max. Static Pressure: 4.2 mmH₂O (41.2 Pa)
Noise Level: 28.0 dBA
Termination: 3-Wire Leads
Sensor Output: Alarm Signal (AL)
Connector: Standard 3-Pin
Housing Material: PBT Plastic (UL94V-0)
Impeller Material: PBT Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Life Expectancy: 40,000 Hours (at 25°C)
Weight: 65 g

The 06025SS-24K-AL-D1 is specifically engineered for thermal regulation in variable frequency drives (VFDs) and industrial inverters, where consistent airflow is paramount for component longevity. This cooling solution is also widely utilized in server rack power supplies, telecommunications equipment, and compact automation control panels. By integrating the 06025SS-24K-AL-D1 into sensitive electronic assemblies, operators ensure optimal operating temperatures and mitigate the risk of thermal throttling in continuous-duty environments.

Supplemental Images

