

# 06025VE-24Q-BU-01 NMB 24VDC 60x60x25mm 4-Wire Axial Fan Datasheet



**Brand:** NMB

**SKU:** [988745904057](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$22.99**

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Product Page:

<https://www.equipspares.com/product/06025ve-24q-bu-01-nmb-24vdc-60x60x25mm-4-wire-axial-fan>

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## Product Description

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The NMB 06025VE-24Q-BU-01 is a high-efficiency DC Axial Fan engineered for rigorous thermal management tasks within industrial electronics. Built upon NMB's advanced motor technology and a precision-machined Dual Ball Bearing architecture, this unit delivers exceptional rotational stability and reduced friction, significantly extending operational service life. The aerodynamic impeller design is optimized to maximize airflow while maintaining structural rigidity, effectively lowering thermal impedance in high-density enclosures. Featuring a 4-wire termination configuration, this model supports advanced speed control and monitoring, making it a critical component for maintaining optimal operating temperatures in variable frequency drives and power conversion systems.

Model Number: 06025VE-24Q-BU-01

Brand: NMB (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.35 A

Input Power: 8.4 W

Rated Speed: 6500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 38.5 CFM (65.4 m<sup>3</sup>/h / 1.09 m<sup>3</sup>/min)

Max. Static Pressure: 14.5 mmH<sub>2</sub>O (142 Pa / 0.57 inH<sub>2</sub>O)

Dimensions: 60x60x25 mm

Termination: 4-Wire Leads

Wire Function: + (Red), - (Black), Sensor (Yellow), Control (Blue)

Noise Level: 47.0 dBA

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: 70,000 Hours (40°C)

Protection: Locked Rotor Protection, Polarity Protection

Mounting: Flange Type

Weight: 90 g

The 06025VE-24Q-BU-01 is widely utilized in critical industrial automation sectors, specifically for the cooling of variable frequency drives (VFDs) and power inverters where consistent heat dissipation is mandatory. Its compact form factor and high static pressure capabilities also make it suitable for server rack cooling, telecommunications power supplies, and precision CNC control cabinets. By deploying the 06025VE-24Q-BU-01, facility operators ensure reliable thermal regulation for sensitive electronic components in continuous-duty environments.

## Supplemental Images

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