

# 2406VL-05W-B69-BR1 NMB-MAT 24VDC 60x15mm 0.10A Axial Fan Datasheet



**Brand:** NMB

**SKU:** [1017340400098](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$35.99**

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

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

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Product Page:

<https://www.equipspares.com/product/2406vl-05w-b69-br1-nmb-mat-24vdc-60x15mm-0-10a-axial-fan>

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## Product Description

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The NMB-MAT 2406VL-05W-B69-BR1 is a precision-engineered axial cooling fan designed specifically for industrial thermal management, often serving as a direct replacement for Fanuc A90L-0001-0552#A components. Utilizing advanced DC brushless motor technology and a robust dual ball bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes airflow efficiency while maintaining structural rigidity, effectively reducing thermal impedance in high-density electronic enclosures. Its compact form factor allows for integration into space-constrained servo amplifiers and control units, delivering reliable cooling performance critical for maintaining system stability in harsh manufacturing environments.

Model Number: 2406VL-05W-B69-BR1

OEM Part Number: A90L-0001-0552#A

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 12.0 - 27.6 VDC

Rated Current: 0.10 A

Input Power: 2.40 W

Rated Speed: 4600 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 18.3 CFM (31.0 m<sup>3</sup>/h / 0.52 m<sup>3</sup>/min)

Max. Static Pressure: 4.8 mmH<sub>2</sub>O (47.0 Pa / 0.19 inH<sub>2</sub>O)

Dimensions: 60 x 60 x 15 mm

Weight: 45 g

Life Expectancy: 60,000 Hours @ 25°C

Speed Control: Locked Rotor Sensor (Alarm)

Termination: 3-Wire Lead with Connector

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

Noise Level: 34.0 dB(A)

Protection: Auto Restart / Polarity Protection

Mounting Orientation: Any

Designed primarily for mission-critical industrial automation, the 2406VL-05W-B69-BR1 is frequently deployed within Fanuc CNC control systems and servo drive units. The 2406VL-05W-B69-BR1 ensures optimal operating temperatures for sensitive electronic components in machining centers, robotic controllers, and power supply modules, preventing thermal shutdown in continuous-duty manufacturing lines.

## Supplemental Images

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