

# 1611VL-05W-B49-BE2 NMB-MAT 24VDC 40x40x28mm Axial Fan Datasheet



**Brand:** NMB

**SKU:** [678828751833](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$52.99**

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Product Page:

<https://www.equipspares.com/product/1611vl-05w-b49-be2-nmb-mat-24vdc-40x40x28mm-axial-fan>

## Product Description

The NMB-MAT 1611VL-05W-B49-BE2 is a high-precision DC Axial Fan engineered for critical thermal management in industrial automation systems. Utilizing a brushless DC motor with advanced commutation logic, this unit minimizes thermal impedance through optimized blade geometry and structural rigidity. The dual ball bearing architecture ensures long-term reliability and stable rotational dynamics under continuous duty cycles. Specifically designed as a replacement for Fanuc A90L-0001-0580#A, it features a robust housing that maintains dimensional stability in high-vibration environments, providing consistent airflow for sensitive electronic components.

Model Number: 1611VL-05W-B49-BE2

Brand: NMB-MAT

Product Type: Axial Fan

Rated Voltage: 24VDC

Voltage Range: 10.0 - 27.6 VDC

Rated Current: 0.07A

Power: 1.68W

Rated Speed: 8000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 11.3 CFM (0.32 m<sup>3</sup>/min)

Max. Static Pressure: 88.2 Pa (0.35 inH<sub>2</sub>O)

Dimensions: 40x40x28mm

Weight: 45g

Life Expectancy: 70,000 Hours at 40C

Speed Control: Tachometer (3rd Wire)

Housing Material: Plastic (Black) UL94V-0

Blade Material: Plastic (Black) UL94V-0

Termination: 3-Lead Wires

Operating Temperature: -10C to +70C

Storage Temperature: -40C to +70C

Protection Features: Locked Rotor Protection, Reverse Polarity Protection

OEM Cross Reference: Fanuc A90L-0001-0580#A

Certifications: UL, CSA, VDE, CE

This axial fan is primarily utilized in CNC machinery and industrial robotics, specifically serving as a dedicated cooling component for Fanuc drive systems and control units. The 1611VL-05W-B49-BE2 provides essential heat dissipation within high-density server racks and telecommunications enclosures where space is constrained. Due to its precise engineering, the 1611VL-05W-B49-BE2 is the standard choice for maintaining the operational integrity of medical diagnostic equipment and automated manufacturing modules.

## Supplemental Images

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