

2406VL-05W-B69-BE2 NMB 24VDC 40mm Axial Fan Datasheet



Brand: NMB

SKU: [965220043864](#)

Category: Axial & Centrifugal Fans

Price: **\$32.99**

E-mail: sales@equipspares.com

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

Product Page: <https://www.equipspares.com/product/2406vl-05w-b69-be2-nmb-24vdc-40mm-axial-fan>

Product Description

The NMB 2406VL-05W-B69-BE2 is a precision-engineered DC axial fan designed specifically for high-reliability industrial applications, including FANUC CNC systems. Featuring advanced brushless DC motor technology and a robust dual ball bearing architecture, this unit ensures minimal friction and extended operational lifespan under continuous load. The aerodynamic impeller design optimizes airflow efficiency while maintaining a low thermal impedance profile, critical for sensitive electronic components. Equipped with a specialized mounting bracket and connector assembly, the 2406VL-05W-B69-BE2 provides structural rigidity and vibration dampening, ensuring consistent cooling performance in harsh manufacturing environments.

Model Number: 2406VL-05W-B69-BE2

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

OEM Compatibility: FANUC A90L-0001-0567

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.10 A

Input Power: 2.40 W

Rated Speed: 8500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 10.9 CFM (0.31 m³/min)

Max. Static Pressure: 7.2 mmH₂O (70.6 Pa)

Dimensions: 40 x 40 x 20 mm

Weight: 40 g

Life Expectancy: 60,000 Hours @ 25°C

Noise Level: 33.0 dB(A)

Housing Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)

Termination: 3-Wire with Dedicated Fanuc Connector

Sensor Type: Locked Rotor Alarm / Tachometer

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Mounting Configuration: Integrated Plastic Bracket (BE2 Suffix)

Protection: Auto Restart / Polarity Protection

The 2406VL-05W-B69-BE2 is extensively utilized in industrial automation sectors, serving as a critical cooling component for FANUC servo amplifiers, spindle drives, and power supply units within CNC machinery. Its compact form factor and high static pressure capabilities make it ideal for densely packed electronic enclosures found in robotics and precision machining centers. Maintenance engineers frequently deploy the 2406VL-05W-B69-BE2 to restore thermal management efficiency in legacy control cabinets, ensuring uninterrupted production cycles in automotive and aerospace manufacturing facilities.

Supplemental Images

