

# 2406KL-05W-B59-BQ4 NMB 24VDC 60x60x15mm Axial Fan Datasheet



**Brand:** NMB

**SKU:** [1015583521963](#)

**Category:** Axial & Centrifugal Fans

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

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Product Page:

<https://www.equipspares.com/product/2406kl-05w-b59-bq4-nmb-24vdc-60x60x15mm-axial-fan>

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## Product Description

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The NMB 2406KL-05W-B59-BQ4 is a precision-engineered DC axial fan designed for high-reliability cooling in industrial electronics. Manufactured by MinebeaMitsumi, this unit features a robust dual ball bearing system that significantly enhances longevity and stability under continuous operation. The aerodynamic impeller design optimizes airflow while maintaining a compact 15mm profile, making it ideal for space-constrained enclosures. Its motor architecture incorporates advanced commutation circuitry to minimize electromagnetic interference and reduce thermal impedance. The structural rigidity of the reinforced plastic housing ensures resistance to vibration, while the specialized 3-wire configuration supports tachometer signal output for real-time speed monitoring, critical for predictive maintenance in automated systems.

Model Number: 2406KL-05W-B59-BQ4

Alternate Part Number: A90L-0001-0529/135

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 10.0 - 27.6 VDC

Rated Current: 0.13 A

Input Power: 3.12 W

Rated Speed: 4600 RPM

Bearing Type: Dual Ball Bearing  
Max. Air Flow: 18.3 CFM (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  
Noise Level: 34.0 dB(A)  
Termination: 3-Wire Leads (with Connector)  
Sensor Type: Tachometer / Speed Sensor  
Housing Material: Plastic (UL94V-0)  
Impeller Material: Plastic (UL94V-0)  
Operating Temperature: -10°C to +70°C  
Storage Temperature: -40°C to +70°C  
Life Expectancy: 60,000 Hours (at 25°C)  
Protection: Locked Rotor Protection, Polarity Protection

The 2406KL-05W-B59-BQ4 is frequently deployed in critical industrial automation equipment, specifically serving as a direct replacement for Fanuc drive cooling components. Its compact form factor allows for seamless integration into servo amplifiers, variable frequency drives (VFDs), and CNC control cabinets where thermal management is vital for component longevity. Additionally, the 2406KL-05W-B59-BQ4 is utilized in telecommunications racks, power supply units, and medical instrumentation requiring consistent airflow with speed feedback capabilities to prevent system overheating.

## Supplemental Images

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