

# 2406KL-05W-B39-T03 NMB 24VDC 60x60x15mm Axial Fan Datasheet



**Brand:** NMB

**SKU:** [682955851963](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$36.99**

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Product Page:

<https://www.equipspares.com/product/2406kl-05w-b39-t03-nmb-24vdc-60x60x15mm-axial-fan>

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## Product Description

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The NMB 2406KL-05W-B39-T03 is a precision-engineered DC Axial Fan designed for high-reliability thermal management in compact industrial enclosures. Utilizing MinebeaMitsumi's advanced dual ball bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous duty cycles. The 24VDC brushless DC motor features optimized winding geometry to reduce electromagnetic interference while maintaining consistent torque delivery. Its aerodynamic impeller design maximizes static pressure delivery relative to the 60mm frame profile, effectively overcoming high thermal impedance in dense electronic assemblies. The housing is constructed from reinforced plastic, offering structural rigidity and flame resistance compliant with UL94V-0 standards, making it ideal for critical power electronics cooling.

Model Number: 2406KL-05W-B39-T03

Brand: NMB (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 10.0 - 27.6 VDC

Rated Current: 0.08 A

Input Power: 1.92 W

Rated Speed: 4600 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 18.3 CFM (31.1 m<sup>3</sup>/h / 0.52 m<sup>3</sup>/min)  
Max. Static Pressure: 4.1 mmH<sub>2</sub>O (40.2 Pa / 0.16 inH<sub>2</sub>O)  
Dimensions: 60 x 60 x 15 mm  
Weight: 45 g  
Life Expectancy: 100,000 Hours at 25°C  
Noise Level: 34.0 dB(A)  
Housing Material: Plastic (UL94V-0)  
Impeller Material: Plastic (UL94V-0)  
Termination: 3-Wire Leads  
Sensor Type: T03 (Locked Rotor/Tachometer Signal)  
Operating Temperature: -10°C to +70°C  
Storage Temperature: -40°C to +70°C  
Protection: Auto Restart, Polarity Protection  
Insulation Resistance: 10M Ohm min. at 500VDC  
Dielectric Strength: 700VAC for 1 sec

The 2406KL-05W-B39-T03 is specifically engineered for critical cooling applications requiring a compact footprint and high reliability. It is frequently deployed in variable frequency drive (VFD) inverters, ensuring optimal thermal regulation for power electronics. Additionally, the 2406KL-05W-B39-T03 serves as a primary cooling solution in server rack power supplies, network switches, and industrial automation control panels where space is limited but airflow cannot be compromised. Its robust design also suits medical instrumentation and telecommunications equipment.

## Supplemental Images

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