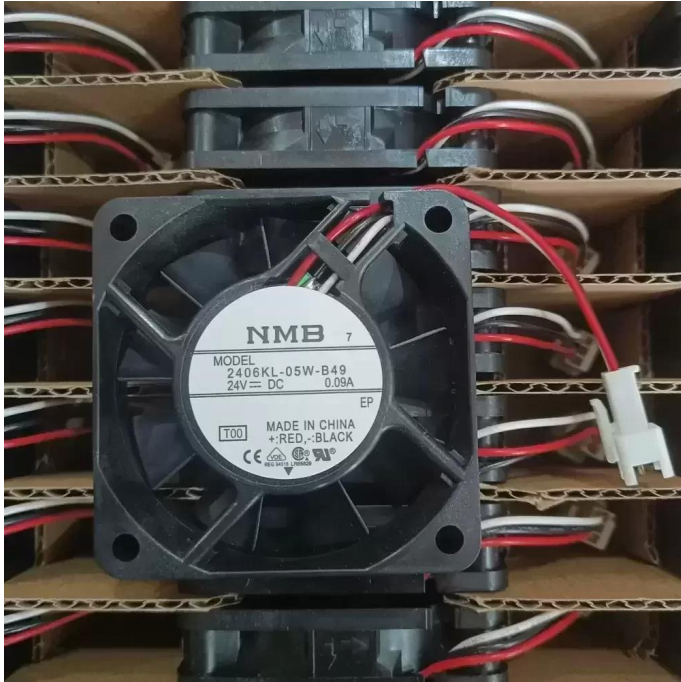


2406KL-05W-B48-T00 NMB 24VDC 60x60x15mm 3-Wire Axial Fan Datasheet



Brand: NMB

SKU: [910235100786](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/2406kl-05w-b48-t00-nmb-24vdc-60x60x15mm-3-wire-axial-fan>

Product Description

The NMB 2406KL-05W-B48-T00 is a precision-engineered DC axial fan designed for high-reliability thermal management in compact industrial enclosures. Manufactured by MinebeaMitsumi, this unit features a robust dual ball bearing system that significantly reduces friction and extends operational lifespan under continuous load. The aerodynamic impeller design optimizes airflow while maintaining a low noise profile, ensuring efficient heat dissipation with minimal acoustic signature. Engineered with a durable reinforced plastic housing, it offers superior structural rigidity and thermal impedance management, making it suitable for demanding electronic cooling applications requiring stable static pressure and consistent airflow performance.

Model Number: 2406KL-05W-B48-T00

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 12.0 - 27.6 VDC

Rated Current: 0.09 A

Power: 2.16 W

Rated Speed: 4600 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 18.3 CFM (31.0 m³/h / 0.52 m³/min)

Max. Static Pressure: 4.8 mmH₂O (47.1 Pa / 0.19 inH₂O)

Dimensions: 60 x 60 x 15 mm

Weight: 45 g

Life Expectancy: 100,000 Hours @ 25°C

Noise Level: 34.0 dB(A)

Termination: 3-Wire (Lead Wire)

Sensor Output: Tachometer / Speed Sensor

Housing Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP40

Insulation Resistance: 10M Ohm Min. at 500VDC

Dielectric Strength: 700VAC for 1 sec

Protection: Auto Restart / Polarity Protection

Designed for critical thermal regulation, the 2406KL-05W-B48-T00 is extensively utilized in industrial automation and power conversion equipment. Its compact form factor allows for seamless integration into variable frequency drive (VFD) inverters, server rack cooling modules, and precision medical instrumentation. The 2406KL-05W-B48-T00 ensures reliable heat extraction in telecommunications switching gear and CNC control panels, where continuous operation and component longevity are paramount.