

2406KL-05W-B59-T1A NMB-MAT 24VDC 60x60x15mm 3-Wire Axial Fan Datasheet



Brand: NMB

SKU: [678102532763](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

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Product Page:

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Product Description

The NMB-MAT 2406KL-05W-B59-T1A is a precision-engineered DC Axial Fan designed for critical thermal management applications requiring high reliability and compact form factors. Leveraging MinebeaMitsumi's advanced motor technology, this unit features a robust dual ball bearing architecture that significantly reduces friction and enhances longevity under continuous operation. The aerodynamic design of the impeller minimizes turbulence while maximizing airflow delivery, ensuring optimal thermal impedance reduction in dense electronic enclosures. Constructed with high-grade materials for structural rigidity, this 60mm cooling solution offers stable performance and efficient heat dissipation, making it an ideal component for industrial and telecommunications equipment demanding consistent airflow and durability.

Model Number: 2406KL-05W-B59-T1A

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 (31.09 m³/h / 0.52 m³/min)

Max. Static Pressure: 4.1 mmH₂O (40.2 Pa / 0.16 inH₂O)

Dimensions: 60 x 60 x 15 mm

Weight: 45 g

Life Expectancy: 100,000 Hours (at 25°C)

Noise Level: 34.0 dB(A)

Speed Control: 3-Wire (Tachometer/Sensor Output)

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: Lead Wires

Ingress Protection: Standard IP Class

Motor Protection: Auto Restart / Polarity Protection

Rotation Direction: Clockwise (looking at rotor)

Airflow Direction: Air Out Over Struts

The 2406KL-05W-B59-T1A is engineered to meet the rigorous cooling demands of compact industrial electronics and telecommunications infrastructure. Its slim profile allows for seamless integration into high-density server racks, network switches, and power supply units where space is at a premium but airflow cannot be compromised. Additionally, the 2406KL-05W-B59-T1A is frequently utilized in medical instrumentation and CNC control panels, providing the necessary thermal stability to protect sensitive components from overheating during prolonged operational cycles.

Supplemental Images

