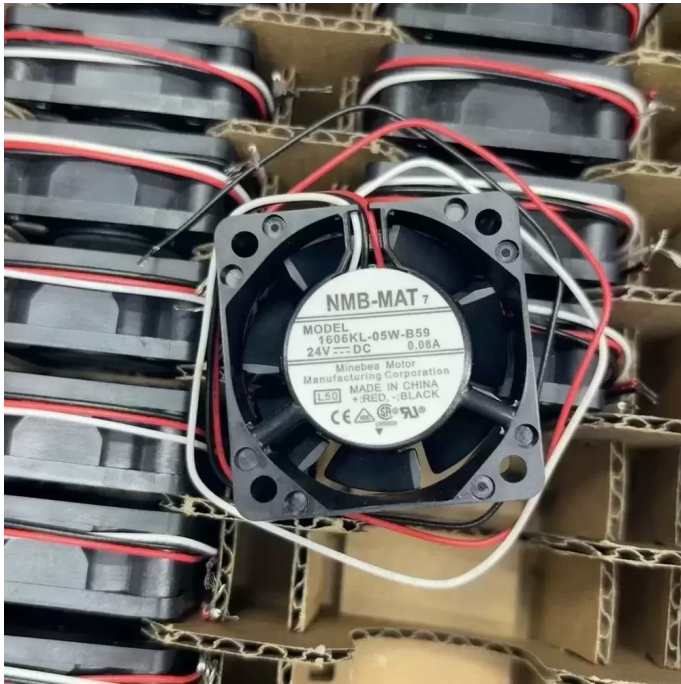


1606KL-05W-B59-L50 NMB 24VDC 40x40x15mm DC Axial Fan Datasheet



Brand: NMB

SKU: [908442987218](#)

Category: Axial & Centrifugal Fans

Price: **\$19.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/1606kl-05w-b59-l50-nmb-24vdc-40x40x15mm-dc-axial-fan>

Product Description

The NMB 1606KL-05W-B59-L50 is a precision-engineered DC Axial Fan designed for high-reliability thermal management applications. Utilizing advanced DC brushless motor technology paired with a robust Dual Ball Bearing architecture, this unit ensures minimal friction and extended operational service life under continuous loads. The aerodynamic impeller design optimizes airflow efficiency while maintaining low acoustic noise levels, effectively reducing thermal impedance in compact electronic enclosures. Its reinforced frame construction provides superior structural rigidity, making it suitable for demanding industrial environments requiring consistent cooling performance and active signal monitoring capabilities.

Model Number: 1606KL-05W-B59-L50

Brand: NMB Technologies (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.08 A

Input Power: 1.92 W

Rated Speed: 8000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 9.5 CFM (16.1 m³/h / 0.27 m³/min)

Max. Static Pressure: 6.12 mmH₂O (60.0 Pa / 0.24 inH₂O)

Dimensions: 40 x 40 x 15 mm

Weight: 25 g

Life Expectancy: 60,000 Hours (at 25°C)

Noise Level: 34.0 dB(A)

Termination: 3-Wire Leads

Sensor Type: Signal Detection (Tachometer/Locked Rotor)

Speed Control: Fixed Speed

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP40

Insulation Resistance: 10M Ohm at 500VDC

Dielectric Strength: 700VAC for 1 Second

This cooling solution is engineered for critical hardware integration, including compact server racks, telecommunications switching gear, and precision medical instrumentation. The 1606KL-05W-B59-L50 excels in environments where space is constrained but airflow cannot be compromised, such as industrial automation control panels and CNC machinery electronics. By delivering consistent thermal regulation, the 1606KL-05W-B59-L50 safeguards sensitive components from overheating, ensuring system stability and longevity in 24/7 operational cycles.

Supplemental Images

