

# 1608KL-05W-B39-LQ4 NMB-MAT 24VDC 40x40x20mm 3-Wire Axial Fan Datasheet



**Brand:** NMB

**SKU:** [912161701281](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$19.99**

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Product Page:

<https://www.equipspares.com/product/1608kl-05w-b39-lq4-nmb-mat-24vdc-40x40x20mm-3-wire-axial-fan>

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## Product Description

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The NMB-MAT 1608KL-05W-B39-LQ4 is a precision-engineered Axial Fan designed for critical thermal management in industrial environments. Utilizing advanced DC brushless motor technology and a robust Dual Ball Bearing architecture, this unit ensures exceptional longevity and rotational stability under continuous operation. The aerodynamic impeller design minimizes air turbulence while maximizing static pressure, effectively reducing thermal impedance within dense electronic enclosures. Its structural rigidity and UL94V-0 rated construction make it a reliable component for demanding automation systems requiring consistent airflow and durability.

Model Number: 1608KL-05W-B39-LQ4

Brand: NMB-MAT

Product Type: DC Axial Fan

Rated Voltage: 24V DC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.08 A

Power: 1.92 W

Rated Speed: 7500 RPM (Nominal)

Bearing Type: Dual Ball Bearing

Max. Air Flow: 7.4 CFM (12.6 m<sup>3</sup>/h / 0.21 m<sup>3</sup>/min)

Max. Static Pressure: 5.6 mmH<sub>2</sub>O (55 Pa / 0.22 inH<sub>2</sub>O)

Dimensions: 40 x 40 x 20 mm

Weight: 25 g

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

Termination: 3-Wire (Lead Wire with Connector)

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

Insulation Class: Class E

Motor Protection: Locked Rotor Protection, Reverse Polarity Protection

Signal Output: Tachometer / Speed Sensor

Application Compatibility: Fanuc CNC Systems

The 1608KL-05W-B39-LQ4 is specifically engineered for integration into high-precision industrial machinery, including Fanuc CNC control systems, servo drive amplifiers, and power supply units. Its compact 40mm form factor allows for installation in space-constrained server racks and automation cabinets where efficient heat dissipation is critical for component reliability. By maintaining optimal operating temperatures, the 1608KL-05W-B39-LQ4 safeguards sensitive electronics against thermal throttling and failure, ensuring uninterrupted production workflows in manufacturing and telecommunications sectors.

## Supplemental Images

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