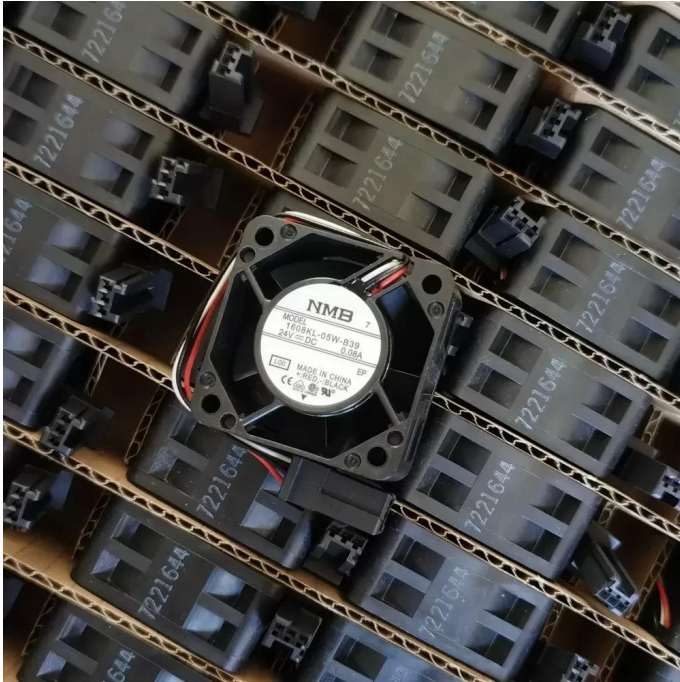


1608KL-05W-B39-L00 NMB-MAT 24VDC 40x40x20mm Axial Fan Datasheet



Brand: NMB

SKU: [687624140471](#)

Category: Axial & Centrifugal Fans

Price: **\$19.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/1608kl-05w-b39-l00-nmb-mat-24vdc-40x40x20mm-axial-fan>

Product Description

The NMB-MAT 1608KL-05W-B39-L00 is a compact industrial Axial Fan engineered for high-reliability thermal management in restricted spaces. Built upon NMB's renowned precision dual ball bearing architecture, this unit ensures exceptional rotational stability and extended service life compared to sleeve bearing alternatives. The DC brushless motor design minimizes electromagnetic interference while maximizing torque efficiency, allowing the aerodynamic impeller to overcome high system impedance. The housing features reinforced structural rigidity, making it resilient against vibration inherent in industrial machinery. This specific configuration is optimized for continuous duty cycles, effectively reducing thermal impedance in sensitive electronic components.

Model Number: 1608KL-05W-B39-L00

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: Axial Fan

Rated Voltage: 24VDC

Voltage Range: 10.0 - 27.6 VDC

Rated Current: 0.08 A

Input Power: 1.92 W

Rated Speed: 7500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 8.83 CFM (0.25 m³/min)

Max. Static Pressure: 6.1 mmH₂O (59.8 Pa / 0.24 inH₂O)

Dimensions: 40 x 40 x 20 mm

Weight: 25 g

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

Noise Level: 29.0 dB

Termination: 3-Wire Leads (+ Red, - Black, Signal White/Yellow)

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Protection: Auto Restart / Polarity Protection

Insulation Resistance: 10M Ω or over with a DC500V Megger

Dielectric Strength: AC 700V 1s

Mounting: Flange Type

Application Reference: Fanuc System Cooling

The 1608KL-05W-B39-L00 is specifically calibrated for integration into Fanuc control systems and CNC automation equipment, where consistent cooling is vital for maintaining machining precision. Beyond its specific role in Fanuc hardware, the 1608KL-05W-B39-L00 is widely utilized in 1U server racks, telecommunications transmission equipment, and compact power supplies requiring high static pressure capabilities. Its robust bearing design makes it a preferred choice for medical instrumentation and industrial robotics where maintenance access is limited and reliability is paramount.

Supplemental Images

