2410ML-05W-B39-GQ1 NMB 24VDC 60x60x25mm Cooling Fan Datasheet

Brand: NMB

SKU: 933533667463

Category: Axial & Centrifugal Fans

Price: **$25.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/2410ml-05w-b39-gq1-nmb-24vdc-60x60x25mm-cooling-fan

Product Description

The NMB 2410ML-05W-B39-GQ1 is a precision-engineered DC axial fan designed for critical thermal management in industrial environments. Utilizing advanced brushless DC motor technology coupled with a robust dual ball bearing architecture, this unit ensures minimal friction and extended operational service life under continuous load. The aerodynamic impeller profile is optimized to reduce turbulence while maximizing static pressure capabilities, effectively lowering thermal impedance within high-density enclosures. Constructed with high-grade materials to maintain structural rigidity, the 2410ML-05W-B39-GQ1 delivers consistent cooling performance essential for maintaining the reliability of sensitive electronic components.

Model Number: 2410ML-05W-B39-GQ1
Brand: NMB-MAT (MinebeaMitsumi)
Product Type: DC Axial Fan
Rated Voltage: 24 VDC
Voltage Range: 12.0 - 27.6 VDC
Rated Current: 0.10 A
Input Power: 2.40 W
Rated Speed: 4600 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 23.3 CFM (39.6 m^3/h / 0.66 m^3/min)

Max. Static Pressure: 5.0 mmH_2O (49.0 Pa / 0.20 inH_2O)
Dimensions: 60 x 60 x 25 mm
Weight: 65 g
Life Expectancy: 60,000 Hours (L10 at 25°C)
Noise Level: 34.0 dB(A)
Housing Material: PBT Plastic (UL94V-0)
Impeller Material: PBT Plastic (UL94V-0)
Termination: 3-Wire Lead with Connector
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Protection: Locked Rotor Protection, Polarity Protection
Application: Fanuc CNC Systems

The 2410ML-05W-B39-GQ1 is frequently deployed in demanding industrial automation settings, specifically serving as a direct replacement for cooling modules within Fanuc CNC control systems and servo amplifiers. Its compact form factor and high static pressure make it ideal for rack-mounted server chassis, telecommunications equipment, and precision instrumentation where airflow paths are restricted. By integrating the 2410ML-05W-B39-GQ1 into power supply units and variable frequency drives, operators ensure sustained thermal stability, preventing overheating in continuous-duty manufacturing cycles.

Supplemental Images