

4715KL-05W-B49-P03 NMB 24VDC 120x120x38mm Axial Fan Datasheet



Brand: NMB

SKU: 989511013275

Category: Axial & Centrifugal Fans

Price: \$12.99

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/4715kl-05w-b49-p03-nmb-24vdc-120x120x38mm-axial-fan>

Product Description

The NMB 4715KL-05W-B49-P03 is a precision-engineered DC Axial Fan designed for critical thermal management in industrial environments. Utilizing MinebeaMitsumi's advanced double ball bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes airflow while maintaining structural rigidity, effectively reducing thermal impedance within high-density enclosures. Engineered for reliability, the 4715KL-05W-B49-P03 delivers consistent cooling performance, making it an ideal solution for maintaining optimal operating temperatures in sensitive electronic assemblies and power conversion systems.

Model Number: 4715KL-05W-B49-P03

Brand: NMB (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.46 A

Power Consumption: 11.04 W

Rated Speed: 3200 RPM

Bearing Type: Double Ball Bearing

Max. Air Flow: 118.0 CFM (200.4 m³/h / 3.34 m³/min)

Max. Static Pressure: 8.6 mmH₂O (84.3 Pa / 0.34 inH₂O)

Dimensions: 119 x 119 x 38 mm

Weight: 260 g

Life Expectancy: 100,000 Hours @ 25°C

Noise Level: 46.5 dBA

Termination: 3-Wire Leads

Sensor Type: Tachometer / Locked Rotor Signal

Housing Material: Reinforced Plastic (UL94V-0)

Impeller Material: Reinforced 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 Ohm min. at 500 VDC

Dielectric Strength: 700 VAC for 1 min

This high-performance cooling solution is specifically engineered for demanding industrial applications requiring sustained airflow and durability. The 4715KL-05W-B49-P03 is frequently deployed in variable frequency drive (VFD) inverters, ensuring efficient heat dissipation from power electronics. Additionally, the 4715KL-05W-B49-P03 serves as a critical component in server rack ventilation systems, telecommunications cabinets, and CNC machinery control panels, where consistent thermal regulation is paramount for system stability and component longevity.

Supplemental Images

