

4715KL-05W-B50-E01 NMB 24VDC 120x120x38mm Axial Fan Datasheet



Brand: NMB

SKU: [692317964092](#)

Category: Axial & Centrifugal Fans

Price: **\$29.99**

E-mail: sales@equipspares.com

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Product Page:

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Product Description

The NMB 4715KL-05W-B50-E01 is a DC Axial Fan engineered by MinebeaMitsumi (NMB-MAT) for precision industrial cooling applications. This unit features advanced aerodynamic impeller geometry designed to minimize thermal impedance while maintaining structural rigidity under continuous operation. Utilizing a robust Dual Ball Bearing architecture, the motor assembly ensures exceptional rotational stability and longevity. The 4715KL-05W-B50-E01 is optimized for high static pressure environments, delivering reliable airflow throughput essential for maintaining thermal equilibrium in sensitive electronic enclosures and power conversion systems.

Model Number: 4715KL-05W-B50-E01

Brand: NMB (NMB-MAT)

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.65 A

Power Consumption: 15.6 W

Rated Speed: 3300 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 118.0 CFM (200.5 m³/h / 3.34 m³/min)

Max. Static Pressure: 10.2 mmH₂O (100.0 Pa / 0.40 inH₂O)

Dimensions: 120x120x38mm

Weight: 260g

Life Expectancy: 100,000 Hours (at 25°C)

Noise Level: 46.5 dBA

Frame Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: 2-Wire Lead

Motor Protection: Auto Restart / Polarity Protection

Insulation Resistance: 10M Ohm at 500VDC

Dielectric Strength: 700VAC for 3 seconds

Designed for demanding thermal management tasks, the 4715KL-05W-B50-E01 is widely utilized in variable frequency drive (VFD) inverters and large-scale power supply units where consistent heat dissipation is critical. This fan is also frequently deployed in server rack enclosures, telecommunication cabinets, and industrial automation control panels. The 4715KL-05W-B50-E01 ensures component reliability by preventing thermal throttling in CNC machinery and medical diagnostic equipment requiring sustained air exchange.

Supplemental Images

