

4715VL-05W-B60-E00 NMB 24VDC 120x120x38mm Axial Fan Datasheet



Brand: NMB

SKU: [946040048108](#)

Category: Axial & Centrifugal Fans

Price: **\$27.99**

E-mail: sales@equipspares.com

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Product Description

The NMB 4715VL-05W-B60-E00 is a robust Axial Fan engineered for critical thermal management in industrial environments. This unit integrates a highly efficient DC motor with a precision Dual Ball Bearing system, significantly reducing friction and enhancing operational lifespan. The aerodynamic design of the impeller optimizes air intake and exhaust, delivering superior static pressure capabilities while maintaining structural rigidity. Designed to mitigate thermal impedance in high-density enclosures, the fan operates reliably under varying load conditions. Its construction adheres to strict industrial standards, ensuring durability against vibration and environmental stress, making it an ideal solution for systems requiring consistent and powerful air movement.

Model Number: 4715VL-05W-B60-E00

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.89 A

Power Input: 21.36 W

Rated Speed: 3400 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 130.0 CFM (221 m³/h / 3.68 m³/min)

Max. Static Pressure: 11.0 mmH₂O (108 Pa / 0.43 inH₂O)

Dimensions: 120 x 120 x 38 mm

Weight: 260 g

Life Expectancy: 60,000 Hours @ 25°C

Noise Level: 50.0 dB(A)

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Termination: 2-Wire Lead (Red +, Black -)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20

Insulation Resistance: 10M Ohm at 500VDC

Dielectric Strength: 700VAC for 3 sec

Protection: Locked Rotor Protection, Reverse Polarity Protection

The 4715VL-05W-B60-E00 is extensively utilized in high-density server racks and telecommunications cabinets where reliable heat dissipation is critical for system stability. Its robust design makes it suitable for industrial automation equipment, power supply units, and CNC machinery requiring sustained airflow. Engineers frequently specify the 4715VL-05W-B60-E00 for medical instrumentation and network storage devices, ensuring components remain within safe thermal operating limits during continuous duty cycles.

Supplemental Images

