

3615KL-05W-B70-EQ4 NMB-MAT 24VDC 92x92x38mm Axial Fan Datasheet



Brand: NMB

SKU: [1000408835384](#)

Category: Axial & Centrifugal Fans

Price: **\$21.99**

E-mail: sales@equipspares.com

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Product Description

The NMB-MAT 3615KL-05W-B70-EQ4 is a robust axial cooling fan engineered for high-static pressure industrial environments. Utilizing Minebea's advanced dual ball bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous load. The 92mm frame houses a precision-balanced impeller designed to optimize aerodynamic throughput while maintaining structural rigidity against thermal stress. Operating at 24VDC, the motor assembly features specialized windings to manage thermal impedance effectively, making it an ideal solution for forced convection in densely packed electronic enclosures and variable frequency drive inverters requiring reliable thermal management.

Model Number: 3615KL-05W-B70-EQ4

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: Axial Fan

Rated Voltage: 24V DC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.70 A

Power Consumption: 16.8 W

Rated Speed: 5800 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 110.0 CFM (187 m³/h / 3.11 m³/min)

Max. Static Pressure: 16.2 mmH₂O (159 Pa / 0.64 inH₂O)

Dimensions: 92 x 92 x 38 mm

Weight: 210 g

Life Expectancy: 100,000 Hours at 25°C

Noise Level: 55.0 dBA

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

Protection: Locked Rotor Protection, Reverse Polarity Protection

Mounting Orientation: Any

Ingress Protection: IP20

Designed for critical thermal regulation, the 3615KL-05W-B70-EQ4 excels in cooling variable frequency drives (VFDs) and industrial automation controllers where consistent airflow is paramount. Its high-pressure capabilities make it suitable for server rack ventilation, telecommunications cabinets, and power supply units that face high impedance airflow paths. The 3615KL-05W-B70-EQ4 is also frequently integrated into CNC machinery electronics and medical instrumentation, ensuring components remain within safe operating temperature ranges during prolonged duty cycles.

Supplemental Images

