

3615KL-05W-B70-PQ3 NMB-MAT 24VDC 92x92x38mm 0.70A Axial Fan Datasheet



Brand: NMB

SKU: [707085445397](#)

Category: Axial & Centrifugal Fans

Price: **\$36.99**

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Product Page:

<https://www.equipspares.com/product/3615kl-05w-b70-pq3-nmb-mat-24vdc-92x92x38mm-0-70a-axial-fan>

Product Description

The NMB-MAT 3615KL-05W-B70-PQ3 is a precision-engineered Axial Fan designed to mitigate thermal buildup in high-density electronic enclosures. Utilizing advanced DC motor technology and a robust Dual Ball Bearing architecture, this unit ensures sustained operational longevity under continuous load. The aerodynamic impeller profile is optimized to maximize airflow while minimizing turbulence, thereby reducing thermal impedance within the system. Constructed with high-grade materials for superior structural rigidity, this fan delivers reliable cooling performance critical for maintaining component stability in demanding industrial environments.

Model Number: 3615KL-05W-B70-PQ3

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.70 A

Input Power: 16.8 W

Rated Speed: 5300 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 110.0 CFM (186.9 m³/h / 3.11 m³/min)

Max. Static Pressure: 16.2 mmH₂O (158.8 Pa / 0.64 inH₂O)

Dimensions: 92 x 92 x 38 mm

Weight: 210 g

Noise Level: 56.0 dB(A)

Life Expectancy: 100,000 Hours

Housing Material: Reinforced Plastic (UL94V-0)

Impeller Material: Reinforced Plastic (UL94V-0)

Operating Temperature: -10°C ~ +70°C

Storage Temperature: -40°C ~ +70°C

Termination: 2-Wire (Lead Wire)

Mounting Orientation: Any

Ingress Protection: IP50

Insulation Class: Class E

Protection: Locked Rotor Protection, Reverse Polarity Protection

Designed for high-static pressure environments, the 3615KL-05W-B70-PQ3 is ideally suited for inverter cooling systems and industrial automation control cabinets where consistent thermal regulation is paramount. The 3615KL-05W-B70-PQ3 effectively manages heat dissipation in server racks, telecommunications equipment, and precision medical instrumentation, ensuring optimal uptime. Its robust construction also makes it a viable solution for CNC machinery and power supply units requiring forced air convection to prevent thermal throttling.

Supplemental Images

