

4710KL-04W-B39-BQ4 NMB 12VDC 119x25mm Projector Axial Fan Datasheet



Brand: NMB

SKU: [649316402809](#)

Category: Axial & Centrifugal Fans

Price: **\$25.99**

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Product Description

The NMB 4710KL-04W-B39-BQ4 is a precision-engineered DC Axial Fan designed for critical thermal management in projection systems and industrial electronics. Utilizing NMB-MAT's advanced Dual Ball Bearing technology, this unit ensures reduced friction coefficients and extended operational longevity under continuous loads. The aerodynamic impeller geometry is optimized to deliver high static pressure while maintaining structural rigidity, effectively mitigating thermal impedance in restricted enclosures. Operating at a rated voltage of 12VDC with a current draw of 0.36A, it balances airflow efficiency with acoustic performance, making it an ideal solution for demanding electronic cooling applications requiring reliable heat dissipation and consistent air throughput.

Model Number: 4710KL-04W-B39-BQ4

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 6.0 - 13.8 VDC

Rated Current: 0.36 A

Input Power: 4.32 W

Rated Speed: 2600 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 88.2 CFM (150 m³/h / 2.5 m³/min)

Max. Static Pressure: 4.5 mmH₂O (44.1 Pa / 0.18 inH₂O)

Dimensions: 119 x 119 x 25 mm

Weight: 180 g

Life Expectancy: 100,000 Hours (25°C)

Noise Level: 38.0 dB(A)

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20

Termination: Lead Wires

Mounting Orientation: Any

This cooling solution is specifically engineered for high-lumen engineering projectors and optical equipment where consistent thermal regulation is paramount. The 4710KL-04W-B39-BQ4 excels in maintaining optimal operating temperatures for lamp housings and DLP/LCD chips, preventing thermal shutdown during extended operation. Additionally, the 4710KL-04W-B39-BQ4 is suitable for server rack ventilation, industrial automation control panels, and telecommunications equipment requiring a robust 120mm form factor with long-term reliability.

Supplemental Images

