

3610KL-04W-B39-C05 NMB-MAT 12VDC 92x92x25mm Axial Fan Datasheet



Brand: NMB

SKU: [796829025754](#)

Category: Axial & Centrifugal Fans

Price: **\$29.99**

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Product Description

The NMB-MAT 3610KL-04W-B39-C05 is a precision-engineered Axial Fan designed for critical thermal management applications requiring high reliability and consistent performance. Utilizing advanced DC motor technology coupled with NMB's proprietary Double Ball Bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous load conditions. The aerodynamic impeller design optimizes airflow efficiency while maintaining low acoustic noise levels, effectively reducing thermal impedance within high-density enclosures. Constructed with high-grade UL94V-0 reinforced plastic for structural rigidity, the 3610KL-04W-B39-C05 delivers reliable cooling performance essential for maintaining system stability in demanding industrial and projection environments, ensuring optimal heat dissipation for sensitive electronic components.

Model Number: 3610KL-04W-B39-C05

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: Axial Fan

Rated Voltage: 12VDC

Voltage Range: 6.0 - 13.8 VDC

Rated Current: 0.20 A

Power Consumption: 2.40 W

Rated Speed: 3200 RPM

Bearing Type: Double Ball Bearing

Max. Air Flow: 54.7 CFM (92.9 m³/h / 1.55 m³/min)
Max. Static Pressure: 3.5 mmH₂O (34.3 Pa / 0.14 inH₂O)
Dimensions: 92 x 92 x 25 mm
Weight: 95 g
Life Expectancy: 100,000 Hours at 25°C
Noise Level: 34.0 dB(A)
Frame Material: Plastic (UL94V-0)
Impeller Material: Plastic (UL94V-0)
Termination: 3-Wire Lead
Connector: Standard 3-Pin
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Protection: Locked Rotor Protection, Polarity Protection
Application: Panasonic Projector PT-FD500

This cooling solution is specifically engineered for precision electronics, serving as a direct replacement for the Panasonic PT-FD500 projector cooling system. The 3610KL-04W-B39-C05 excels in environments requiring consistent airflow to prevent thermal throttling in optical engines and power supply units. Beyond projection equipment, the 3610KL-04W-B39-C05 is widely utilized in server rack ventilation, industrial automation control panels, and telecommunications chassis where reliability is paramount. Its robust design ensures the 3610KL-04W-B39-C05 maintains optimal operating temperatures for sensitive components.

Supplemental Images

