

3110KL-04W-B79-F03 NMB-MAT 12VDC 80x80x25mm Axial Fan Datasheet



Brand: NMB

SKU: 1012824631705

Category: Axial & Centrifugal Fans

Price: \$15.99

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Product Page:

<https://www.equipspares.com/product/3110kl-04w-b79-f03-nmb-mat-12vdc-80x80x25mm-axial-fan>

Product Description

The NMB-MAT 3110KL-04W-B79-F03 is a precision-engineered Axial Fan designed for critical thermal management in industrial environments. Utilizing advanced DC motor technology coupled with a robust Dual Ball Bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes static pressure capabilities while maintaining a balanced thermal impedance profile. Constructed for structural rigidity, the 3110KL-04W-B79-F03 delivers reliable airflow performance, making it an essential component for maintaining system stability in high-density electronic enclosures and power supply units.

Model Number: 3110KL-04W-B79-F03

Brand: NMB-MAT (Minebea)

Product Type: Axial Fan

Rated Voltage: 12VDC

Voltage Range: 6.0 - 13.8 VDC

Rated Current: 0.38 A

Power Input: 4.56 W

Rated Speed: 4500 RPM (Nominal)

Bearing Type: Dual Ball Bearing

Max. Air Flow: 53.0 CFM (1.50 m³/min)

Max. Static Pressure: 8.0 mmH₂O (78.4 Pa / 0.31 inH₂O)

Dimensions: 80x80x25mm

Weight: 95 g

Life Expectancy: 100,000 Hours @ 25°C

Termination: 2-Wire (Lead Wires)

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Noise Level: 42.0 dBA

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20

Mounting Orientation: Any

Designed for rigorous operational demands, the 3110KL-04W-B79-F03 is frequently deployed in Uninterruptible Power Supplies (UPS) and industrial control chassis where consistent thermal dissipation is mandatory. The 3110KL-04W-B79-F03 excels in server rack cooling solutions, effectively mitigating heat buildup in dense component configurations. Its robust construction also suits telecommunications equipment and automation machinery requiring reliable forced air convection.

Supplemental Images

