

# 3110EL-04W-M19-H01 NMB-MAT 12VDC 80x80x25mm 3-Wire Axial Fan Datasheet



**Brand:** NMB

**SKU:** [652356672088](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$19.99**

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Product Page:

<https://www.equipspares.com/product/3110el-04w-m19-h01-nmb-mat-12vdc-80x80x25mm-3-wire-axial-fan>

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## Product Description

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The NMB-MAT 3110EL-04W-M19-H01 is a precision-engineered Axial Fan designed for critical thermal management in industrial electronics. Utilizing advanced DC motor technology and NMB's proprietary bearing architecture, this unit minimizes friction and thermal impedance while maintaining exceptional structural rigidity under continuous operation. The aerodynamic impeller design optimizes airflow efficiency, delivering consistent static pressure with reduced acoustic resonance. Engineered for reliability, the 3110EL-04W-M19-H01 ensures long-term stability in demanding environments, making it an ideal solution for systems requiring low-vibration cooling and high-durability performance.

Model Number: 3110EL-04W-M19-H01

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 6.0 - 13.8 VDC

Rated Current: 0.10 A

Power: 1.20 W

Rated Speed: 2900 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 31.8 CFM (54.0 m<sup>3</sup>/h / 0.90 m<sup>3</sup>/min)  
Max. Static Pressure: 3.2 mmH<sub>2</sub>O (31.4 Pa / 0.13 inH<sub>2</sub>O)  
Dimensions: 80x80x25mm  
Weight: 95 g  
Life Expectancy: 100,000 Hours @ 25°C  
Termination: 3-Wire Leads (Signal/Tachometer)  
Housing Material: PBT Plastic (UL94V-0)  
Impeller Material: PBT Plastic (UL94V-0)  
Operating Temperature: -10°C to +70°C  
Storage Temperature: -40°C to +70°C  
Noise Level: 29.0 dB(A)  
Ingress Protection: IP40  
Direction of Rotation: Clockwise  
Safety Certifications: UL, CSA, TUV, VDE

This cooling solution is widely utilized in telecommunications equipment, server rack enclosures, and precision medical instrumentation where consistent airflow is mandatory. The 3110EL-04W-M19-H01 excels in compact power supply units and industrial automation controllers, effectively dissipating heat from sensitive components. Integrators frequently select the 3110EL-04W-M19-H01 for network switches and CNC machinery control panels due to its balance of airflow performance and acoustic profile, ensuring optimal operating temperatures for mission-critical hardware.

## Supplemental Images

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