

# 5910PL-05W-B60-E00 NMB-MAT 24VDC 172x150x25mm Axial Fan Datasheet



**Brand:** NMB

**SKU:** [913219208702](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$47.99**

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Product Page:

<https://www.equipspares.com/product/5910pl-05w-b60-e00-nmb-mat-24vdc-172x150x25mm-axial-fan>

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## Product Description

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The NMB-MAT 5910PL-05W-B60-E00 is a high-capacity Axial Fan engineered for demanding thermal management applications requiring substantial airflow throughput. Utilizing advanced DC motor technology paired with a precision-machined Dual Ball Bearing architecture, this unit ensures minimal friction coefficients and extended operational longevity under continuous load. The aerodynamic impeller design is housed within a robust aluminum die-cast frame, providing superior structural rigidity and optimized thermal impedance. This configuration delivers exceptional static pressure capabilities, making it suitable for high-density electronic enclosures where heat dissipation is critical to system stability.

Model Number: 5910PL-05W-B60-E00

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 12.0 - 27.6 VDC

Rated Current: 1.50 A

Input Power: 36.0 W

Rated Speed: 3850 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 270.0 CFM (7.64 m<sup>3</sup>/min)

Max. Static Pressure: 23.5 mmH<sub>2</sub>O (230 Pa / 0.92 inH<sub>2</sub>O)

Dimensions: 172mm x 150mm x 25.4mm

Weight: 570 g

Life Expectancy: 100,000 Hours (at 25°C)

Noise Level: 63.0 dB(A)

Housing Material: Aluminum Die-Cast

Impeller Material: Plastic (UL94V-0)

Termination: 2-Wire Lead

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Protection: Locked Rotor Protection, Polarity Protection

Insulation Resistance: 10M Ohm min. at 500VDC

Dielectric Strength: 700VAC for 1 sec

This high-performance cooling solution is specifically designed for industrial automation systems, telecommunications infrastructure, and large-scale server cabinets where reliable heat extraction is mandatory. The 5910PL-05W-B60-E00 excels in cooling variable frequency drives (VFDs), power supply units, and CNC machinery control panels. By integrating the 5910PL-05W-B60-E00 into network switches and medical instrumentation, operators ensure stable thermal envelopes, preventing component throttling and extending the service life of critical hardware assets.

## Supplemental Images

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