

09225PB-A1L-EA-00 NMB 115VAC 92x92x25mm AC Axial Fan Datasheet



Brand: NMB

SKU: [907864194054](#)

Category: Axial & Centrifugal Fans

Price: **\$29.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/09225pb-a1l-ea-00-nmb-115vac-92x92x25mm-ac-axial-fan>

Product Description

The NMB 09225PB-A1L-EA-00 is a precision-engineered AC Axial Fan designed for critical thermal management in industrial environments. Utilizing a robust single-phase induction motor architecture, this unit delivers consistent airflow performance while maintaining optimal energy efficiency across 50/60Hz frequency bands. The chassis is constructed to ensure high structural rigidity, minimizing vibration-induced noise and enhancing component longevity. Engineered with advanced aerodynamic blade geometry, the 09225PB-A1L-EA-00 reduces thermal impedance within high-density electronic enclosures, ensuring reliable operation under continuous duty cycles. Its design prioritizes stable static pressure generation, making it an ideal solution for maintaining equilibrium in sensitive equipment.

Model Number: 09225PB-A1L-EA-00

Brand: NMB (NMB-MAT)

Product Type: AC Axial Fan

Rated Voltage: 115 VAC

Frequency: 50 / 60 Hz

Phase: 1 Phase

Input Power: 12.0 / 9.0 W

Rated Current: 0.14 / 0.11 A

Rated Speed: 2700 / 3200 RPM

Max. Air Flow: 35.3 CFM (60.0 m³/h) / 42.4 CFM (72.0 m³/h)

Max. Static Pressure: 4.5 mmH₂O (44.1 Pa) / 6.2 mmH₂O (60.8 Pa)

Bearing Type: Dual Ball Bearing

Dimensions: 92 x 92 x 25 mm

Weight: 280 g

Frame Material: Aluminum Die-Cast

Impeller Material: Reinforced Plastic (UL94V-0)

Ingress Protection: IP20

Insulation Class: Class E

Noise Level: 36 / 40 dB(A)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: Lead Wires / Terminals

Mounting Orientation: Any

Motor Protection: Impedance Protected

The 09225PB-A1L-EA-00 is specifically engineered for deployment in demanding industrial applications such as variable frequency drive (VFD) inverter cabinets and telecommunications infrastructure. Its compact form factor allows for seamless integration into server racks and CNC control panels where space is at a premium but heat dissipation is critical. By providing consistent airflow, the 09225PB-A1L-EA-00 effectively mitigates hotspots in power supply units and medical instrumentation, ensuring system stability and prolonging the operational lifespan of sensitive electronic components.

Supplemental Images

