

# 11938MB-A1N-EA-00 NMB 115VAC 119x119x38mm Axial Fan Datasheet



**Brand:** NMB

**SKU:** 986497008577

**Category:** Axial & Centrifugal Fans

**Price:** **\$37.99**

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Product Page:

<https://www.equipspares.com/product/11938mb-a1n-ea-00-nmb-115vac-119x119x38mm-axial-fan>

## Product Description

The NMB 11938MB-A1N-EA-00 is a robust AC Axial Fan engineered for high-reliability industrial thermal management. Manufactured by MinebeaMitsumi, this unit utilizes a shaded pole induction motor architecture paired with NMB's proprietary precision dual ball bearing system, ensuring exceptional rotational stability and minimized friction over extended operational lifecycles. The aerodynamic profile features a reinforced polycarbonate impeller housed within a rigid aluminum die-cast frame, optimizing airflow delivery while maintaining structural integrity under thermal stress. Designed for continuous duty, the fan offers superior thermal impedance characteristics, making it an ideal solution for critical cooling applications requiring consistent performance in harsh environments.

Model Number: 11938MB-A1N-EA-00

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: AC Axial Fan

Rated Voltage: 115 VAC

Frequency: 50 / 60 Hz

Input Power: 15.5 / 14.5 W

Current Rating: 0.210 / 0.180 A

Rated Speed: 2600 / 3000 RPM

Bearing Type: Precision Dual Ball Bearing

Max. Air Flow: 102.0 CFM (173.3 m<sup>3</sup>/h / 2.88 m<sup>3</sup>/min)

Max. Static Pressure: 8.38 mmH<sub>2</sub>O (82.2 Pa / 0.33 inH<sub>2</sub>O)

Dimensions: 119 x 119 x 38 mm

Weight: 550 g

Frame Material: Aluminum Die-Cast

Impeller Material: Plastic (UL94V-0)

Noise Level: 37 / 41 dB(A)

Phase: 1 Phase

Motor Type: Shaded Pole Induction Motor

Insulation Resistance: 10M  $\Omega$  or over with a DC500V Megger

Dielectric Strength: 1500 VAC for 1 Minute

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 100,000 Hours (25°C)

Protection: Impedance Protection

Mounting Orientation: Any

The 11938MB-A1N-EA-00 is specifically calibrated for high-density electronic enclosures and industrial machinery where reliable heat dissipation is paramount. Common deployment scenarios include server rack ventilation, CNC machine control cabinets, telecommunications infrastructure, and power supply units. The rugged construction of the 11938MB-A1N-EA-00 allows it to withstand the vibration and thermal cycling typical of factory automation environments, ensuring critical components remain within safe operating temperature ranges.

## Supplemental Images

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