

11938MB-B3N-EA-00 NMB 230VAC 119x119x38mm Axial Fan Datasheet



Brand: NMB

SKU: 985750938550

Category: Axial & Centrifugal Fans

Price: \$32.99

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Product Page:

<https://www.equipspares.com/product/11938mb-b3n-ea-00-nmb-230vac-119x119x38mm-axial-fan>

Product Description

The NMB 11938MB-B3N-EA-00 is a robust AC Axial Fan engineered for high-reliability industrial thermal management applications. Utilizing a precision double ball bearing architecture, this unit ensures minimized friction and extended operational longevity under continuous duty cycles. The aerodynamic impeller design optimizes airflow efficiency while maintaining structural rigidity against backpressure. Housed in a durable die-cast aluminum frame, the motor assembly features impedance protection to prevent burnout during locked rotor conditions, ensuring stable performance in demanding electrical environments and reducing thermal impedance across the system.

Model Number: 11938MB-B3N-EA-00

Brand: NMB (MinebeaMitsumi)

Product Type: AC Axial Fan

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Phase: 1 Phase

Input Power: 15 / 14 W

Rated Current: 0.10 / 0.09 A

Rated Speed: 2700 / 3100 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 95.3 CFM (162 m³/h / 2.7 m³/min)
Max. Static Pressure: 8.6 mmH₂O (84.3 Pa / 0.34 inH₂O)
Dimensions: 119 x 119 x 38 mm
Frame Material: Aluminum Die-Cast (Black Paint)
Impeller Material: Plastic (UL94V-0)
Noise Level: 42 / 46 dB(A)
Termination: 2-Pin Terminal / Lead Wire Standard
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Life Expectancy: 50,000 Hours @ 25°C
Motor Protection: Impedance Protected
Dielectric Strength: 1500 VAC for 1 Minute
Insulation Resistance: 10M Ohm min. at 500 VDC
Weight: 550 g
Mounting Orientation: Any
Ingress Protection: IP20 (Standard)

Designed for critical cooling in industrial automation, the 11938MB-B3N-EA-00 provides consistent airflow for electrical control cabinets and server rack enclosures. Its robust construction makes it suitable for CNC machinery and power supply units where thermal stability is paramount. The 11938MB-B3N-EA-00 excels in environments requiring continuous operation, effectively dissipating heat from sensitive electronic components in telecommunications infrastructure and medical instrumentation.

Supplemental Images

