

3110MS-23W-B30-A00 NMB-MAT 230VAC 80x80x25mm AC Axial Fan Datasheet



Brand: NMB

SKU: 758057626482

Category: Axial & Centrifugal Fans

Price: **\$32.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/3110ms-23w-b30-a00-nmb-mat-230vac-80x80x25mm-ac-axial-fan>

Product Description

The NMB-MAT 3110MS-23W-B30-A00 is a precision-engineered AC Axial Fan designed for critical thermal management in industrial environments. Utilizing a robust shaded pole motor architecture paired with a high-durability ball bearing system, this unit ensures consistent operation under continuous load. The aerodynamic profile of the impeller minimizes turbulence while maximizing static pressure capabilities, effectively reducing thermal impedance within high-density enclosures. Constructed with a die-cast aluminum housing for superior structural rigidity, the fan operates efficiently across dual frequencies, maintaining optimal cooling performance and ensuring long-term reliability in demanding electrical applications.

Model Number: 3110MS-23W-B30-A00

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: AC Axial Fan

Rated Voltage: 230VAC

Voltage Range: 207 - 253 VAC

Frequency: 50/60 Hz

Input Power: 7.6 / 6.5 W

Rated Current: 0.050 / 0.040 A

Rated Speed: 2600 / 3100 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 31.8 CFM (54.0 m³/h / 0.90 m³/min)
Max. Static Pressure: 5.0 mmH₂O (49.0 Pa / 0.20 inH₂O)
Dimensions: 80x80x25mm
Weight: 260 g
Life Expectancy: 50,000 Hours (at 25°C)
Noise Level: 28 / 32 dB(A)
Frame Material: Aluminum Die-Cast
Impeller Material: Plastic (UL94V-0)
Motor Protection: Impedance Protected
Insulation Resistance: 10M Ω or over with a DC500V Megger
Dielectric Strength: AC 1500V 1 Minute
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Termination: 2-Terminal Type (Faston #110)
Mounting Orientation: Any
Phase: 1 Phase
Induction System: Shaded Pole Induction Motor

This cooling solution is widely utilized in industrial automation equipment, server cabinets, and telecommunications infrastructure where reliable heat dissipation is paramount. The 3110MS-23W-B30-A00 excels in maintaining optimal operating temperatures for power supply units and control panels, preventing thermal throttling in sensitive electronics. Additionally, the 3110MS-23W-B30-A00 is frequently integrated into medical instrumentation and CNC machinery, providing consistent airflow to safeguard critical components against overheating during prolonged operational cycles.

Supplemental Images

