

2412PS-12W-B30-A00 NMB-MAT 115VAC 60x60x30mm Axial Fan Datasheet



Brand: NMB

SKU: [983728884826](#)

Category: Axial & Centrifugal Fans

Price: **\$23.99**

E-mail: sales@equipspares.com

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Product Description

The NMB-MAT 2412PS-12W-B30-A00 is a precision-engineered AC Axial Fan designed for high-reliability thermal management applications. Utilizing advanced ball bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous duty cycles. The aerodynamic impeller design optimizes airflow while maintaining low acoustic noise, effectively reducing thermal impedance within dense electronic enclosures. Constructed with high-rigidity housing, the 2412PS-12W-B30-A00 delivers consistent performance in industrial environments, ensuring critical component stability through efficient heat dissipation.

Model Number: 2412PS-12W-B30-A00

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: AC Axial Fan

Rated Voltage: 115 VAC

Frequency: 50 / 60 Hz

Phase: 1 Phase

Input Power: 4.5 W / 4.0 W

Rated Current: 0.060 A / 0.050 A

Rated Speed: 3100 RPM / 3600 RPM

Max. Air Flow: 9.8 CFM / 11.6 CFM (0.28 m³/min / 0.33 m³/min)

Max. Static Pressure: 2.9 mmH₂O / 4.0 mmH₂O (28.4 Pa / 39.2 Pa)

Bearing Type: Ball Bearing
Dimensions: 60 x 60 x 30 mm
Noise Level: 28 dB / 32 dB
Frame Material: Aluminum Die-Cast / PBT Plastic
Impeller Material: Polycarbonate (Glass Fiber Reinforced)
Operating Temperature: -10°C to +70°C
Termination: Lead Wires / Terminals
Weight: 140 g
Life Expectancy: 50,000 Hours (at 25°C)
Insulation Resistance: 10M Ohm min. at 500VDC
Dielectric Strength: 1500VAC for 1 minute
Protection: Impedance Protected

Designed for rigorous industrial environments, the 2412PS-12W-B30-A00 is ideally suited for cooling variable frequency drives (VFDs) and power inverters where consistent airflow is mandatory. This model excels in server rack ventilation and telecommunications equipment, preventing thermal throttling in sensitive electronics. Additionally, the 2412PS-12W-B30-A00 is frequently integrated into CNC control panels and medical instrumentation, providing reliable thermal regulation for continuous operation systems.

Supplemental Images

