

4715MS-12T-B50-H00 NMB 115VAC 119x119x38mm Axial Fan Datasheet



Brand: NMB

SKU: [685361315188](#)

Category: Axial & Centrifugal Fans

Price: **\$36.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/4715ms-12t-b50-h00-nmb-115vac-119x119x38mm-axial-fan>

Product Description

The NMB 4715MS-12T-B50-H00 is a robust AC axial fan engineered for industrial thermal management requiring high reliability and structural rigidity. Utilizing a shaded pole induction motor architecture, this unit features a precision-machined aluminum die-cast housing that acts as a heatsink, significantly lowering thermal impedance during operation. The aerodynamic profile of the impeller is designed to optimize static pressure delivery while minimizing turbulence-induced noise. Equipped with dual ball bearings, the system ensures consistent rotational stability and longevity, making it suitable for continuous duty cycles in harsh environments.

Model Number: 4715MS-12T-B50-H00

Brand: NMB (NMB-MAT / Minebea)

Product Type: AC Axial Fan

Rated Voltage: 115 VAC

Frequency: 50 / 60 Hz

Rated Current: 0.180 / 0.160 A

Input Power: 15.5 / 14.5 W

Rated Speed: 2600 / 2900 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 88.2 / 102.4 CFM (2.5 / 2.9 m³/min)

Max. Static Pressure: 6.49 / 7.49 mmH₂O (63.7 / 73.5 Pa / 0.25 / 0.29 inH₂O)

Dimensions: 119 x 119 x 38 mm

Weight: 550 g

Life Expectancy: 100,000 Hours (at 25°C)

Noise Level: 37 / 41 dB(A)

Frame Material: Aluminum Die-Cast

Impeller Material: Polycarbonate (Black)

Insulation Resistance: 10M Ω or over with a DC500V Megger

Dielectric Strength: AC 1500V 1 min

Motor Protection: Impedance Protection

Termination: Terminal (Faston #110)

Operating Temperature: -10°C to +70°C

Mounting Orientation: Any

The 4715MS-12T-B50-H00 is specifically designed for integration into high-density industrial enclosures, such as CNC machine tool cabinets and power supply units where effective heat dissipation is critical. In telecom infrastructure and server racks, the 4715MS-12T-B50-H00 maintains optimal operating temperatures for sensitive electronics, preventing thermal throttling. Its rugged metal construction also makes it a preferred choice for factory automation equipment exposed to mechanical vibration.

Supplemental Images

