

4715FS-12T-B50-D00 NMB 115VAC 120x120x38mm AC Axial Fan Datasheet



Brand: NMB

SKU: [794335665665](#)

Category: Axial & Centrifugal Fans

Price: **\$21.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/4715fs-12t-b50-d00-nmb-115vac-120x120x38mm-ac-axial-fan>

Product Description

The NMB 4715FS-12T-B50-D00 is a robust AC Axial Fan engineered for rigorous industrial thermal management applications. Utilizing a shaded pole induction motor architecture, this unit delivers consistent airflow performance while maintaining structural rigidity through its aluminum die-cast frame. The fan features a precision dual ball bearing system, significantly reducing friction and thermal impedance to extend operational lifespan under continuous duty cycles. Designed for 115VAC systems, it optimizes aerodynamic efficiency with a UL94V-0 rated plastic impeller, ensuring reliable cooling in high-static pressure environments while adhering to strict safety standards.

Model Number: 4715FS-12T-B50-D00

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: AC Axial Fan

Rated Voltage: 115 VAC

Frequency: 50 / 60 Hz

Rated Current: 0.21 / 0.19 A

Input Power: 16.0 / 14.4 W

Rated Speed: 2700 / 3100 RPM

Max. Air Flow: 98.8 / 116.5 CFM (2.80 / 3.30 m³/min)

Max. Static Pressure: 7.5 / 8.5 mmH₂O (73.5 / 83.3 Pa)

Bearing Type: Dual Ball Bearing

Dimensions: 119 x 119 x 38 mm

Weight: 550 g

Life Expectancy: 50,000 Hours (25°C)

Frame Material: Aluminum Die-Cast

Impeller Material: Plastic (UL94V-0)

Termination: 2-Terminal Type (Faston #110)

Motor Protection: Impedance Protected

Insulation Resistance: 10M Omega min. at 500VDC

Dielectric Strength: 1500 VAC for 1 minute

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Noise Level: 39 / 42 dB(A)

Direction of Rotation: Counter-clockwise (Viewed from Impeller)

The 4715FS-12T-B50-D00 is specifically designed for demanding industrial applications requiring reliable AC cooling solutions. Common deployments include server rack ventilation, industrial control cabinets, and power supply cooling systems where consistent airflow is critical. The 4715FS-12T-B50-D00 also serves effectively in telecommunications equipment and large-scale heat exchangers, providing necessary thermal dissipation to prevent component failure in continuous-operation environments.

Supplemental Images

