

4715MS-23T-B5A-A00 NMB-MAT 230VAC 120x38mm Axial Fan Datasheet



Brand: NMB

SKU: 823533550709

Category: Axial & Centrifugal Fans

Price: \$22.99

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Product Page:

<https://www.equipspares.com/product/4715ms-23t-b5a-a00-nmb-mat-230vac-120x38mm-axial-fan>

Product Description

The NMB-MAT 4715MS-23T-B5A-A00 is a robust AC Axial Fan engineered for high-reliability industrial cooling applications. This unit utilizes a precision-wound shaded pole induction motor housed within a die-cast aluminum frame, ensuring superior structural rigidity and thermal dissipation under continuous operation. Featuring a dual ball bearing architecture, the fan delivers consistent aerodynamic performance while minimizing frictional wear, resulting in an extended service life. The impeller is designed to optimize airflow dynamics, reducing turbulence and thermal impedance within enclosed systems. It operates efficiently on 230V AC single-phase power, making it suitable for diverse global power grids requiring stable thermal management solutions.

Model Number: 4715MS-23T-B5A-A00

Brand: NMB-MAT (Minebea)

Product Type: AC Axial Fan

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Voltage Range: 200 - 240 VAC

Input Power: 15 / 14 W

Rated Current: 0.11 / 0.10 A

Rated Speed: 2600 / 2900 RPM

Max. Air Flow: 102.0 CFM (2.89 m³/min)

Max. Static Pressure: 7.5 mmH₂O (73.5 Pa / 0.30 inH₂O)

Bearing Type: Dual Ball Bearing

Dimensions: 119 x 119 x 38 mm

Weight: 550 g

Noise Level: 37 / 41 dB(A)

Frame Material: Aluminum Die-Cast

Impeller Material: Polycarbonate (UL94V-0)

Termination: 2-Terminal (Faston #110)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Insulation Resistance: 10M Ω min. at 500VDC

Dielectric Strength: 1500 VAC for 1 minute

Motor Protection: Impedance Protection

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

Mounting Orientation: Any

Phase: Single Phase

Designed for rigorous industrial environments, the 4715MS-23T-B5A-A00 is frequently deployed in factory automation control panels and server rack cooling systems where consistent airflow is critical. The 4715MS-23T-B5A-A00 excels in maintaining optimal operating temperatures for CNC machinery electronics, telecommunications power supplies, and medical instrumentation, ensuring component longevity and system stability.

Supplemental Images

