

4715MS-22T-B50-B00 NMB 220VAC 119x119x38mm Axial Fan Datasheet



Brand: NMB

SKU: 878553036759

Category: Axial & Centrifugal Fans

Price: **\$29.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/4715ms-22t-b50-b00-nmb-220vac-119x119x38mm-axial-fan>

Product Description

The NMB 4715MS-22T-B50-B00 is a robust AC Axial Fan engineered by MinebeaMitsumi for industrial thermal management and high-reliability applications. This unit utilizes a shaded pole induction motor design, augmented with impedance protection to ensure operational safety during locked rotor conditions. Built upon NMB's precision double ball bearing architecture, the fan delivers reduced mechanical friction and extended service life. The aerodynamic assembly consists of a UL94V-0 rated polycarbonate impeller housed within a die-cast aluminum frame, providing superior structural rigidity and optimized thermal impedance for effective heat dissipation in dense electronic environments.

Model Number: 4715MS-22T-B50-B00

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: AC Axial Fan

Rated Voltage: 220 VAC

Frequency: 50 / 60 Hz

Input Power: 14.0 / 13.0 W

Rated Current: 0.10 / 0.09 A

Rated Speed: 2600 / 2900 RPM

Max. Air Flow: 88.2 / 102.0 CFM (150 / 173 m³/h / 2.5 / 2.9 m³/min)

Max. Static Pressure: 6.4 / 8.0 mmH₂O (62.7 / 78.4 Pa / 0.25 / 0.31 inH₂O)

Bearing Type: Double Ball Bearing
Noise Level: 38 / 42 dB(A)
Dimensions: 119 x 119 x 38 mm
Weight: 550 g
Frame Material: Aluminum Die-Cast
Impeller Material: Polycarbonate (UL94V-0)
Termination: 2-Pin Terminal (Faston #110)
Motor Protection: Impedance Protected
Dielectric Strength: 1800 VAC for 3 seconds
Insulation Resistance: 100 MΩ min. at 500 VDC
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Life Expectancy: 50,000 Hours (25°C)
Mounting Orientation: Any
Phase: 1-Phase
Induction System: Shaded Pole Motor

The 4715MS-22T-B50-B00 is specifically designed for critical ventilation tasks in industrial automation and power infrastructure. It is widely utilized in server racks, CNC machinery control cabinets, and telecommunication base stations where continuous airflow is paramount. The 4715MS-22T-B50-B00 excels in maintaining optimal operating temperatures for sensitive medical instrumentation and factory floor electronics, ensuring system stability and preventing thermal throttling in enclosed spaces.

Supplemental Images

