

4710PS-22T-B30-B00 NMB-MAT 220VAC 119x119x25mm AC Axial Fan Datasheet



Brand: NMB

SKU: [820894990541](#)

Category: Axial & Centrifugal Fans

Price: **\$28.99**

E-mail: sales@equipspares.com

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<https://www.equipspares.com/product/4710ps-22t-b30-b00-nmb-mat-220vac-119x119x25mm-ac-axial-fan>

Product Description

The NMB-MAT 4710PS-22T-B30-B00 is a precision-engineered AC Axial Fan designed for high-reliability thermal management applications. Utilizing a robust shaded pole induction motor architecture, this unit delivers consistent airflow performance while maintaining optimal thermal impedance under continuous load. The construction features a die-cast aluminum housing which enhances structural rigidity and heat dissipation, paired with a UL94V-0 rated polycarbonate impeller. Equipped with high-grade dual ball bearings, the 4710PS-22T-B30-B00 ensures extended operational longevity and stability, making it an ideal solution for industrial environments requiring durable cooling components with minimal maintenance requirements.

Model Number: 4710PS-22T-B30-B00

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: AC Axial Fan

Rated Voltage: 220 VAC

Frequency: 50 / 60 Hz

Voltage Range: 200.0 - 240.0 VAC

Input Power: 14.0 / 11.0 W

Rated Current: 0.09 / 0.07 A

Rated Speed: 2700 / 3100 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 70.6 CFM (120.0 m³/h / 2.0 m³/min)
Max. Static Pressure: 5.6 mmH₂O (54.9 Pa / 0.22 inH₂O)
Dimensions: 119 x 119 x 25 mm
Weight: 550 g
Life Expectancy: 50,000 Hours (at 25°C)
Noise Level: 38.0 / 42.0 dBA
Frame Material: Aluminum Die-Cast
Impeller Material: Polycarbonate (UL94V-0)
Ingress Protection: IP20
Insulation Resistance: 10M Omega min. at 500 VDC
Dielectric Strength: 1500 VAC for 1 minute
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Termination: 2-Terminal (Faston #110)
Motor Protection: Impedance Protection
Mounting Orientation: Any
Certifications: UL, CSA, TUV, VDE

This cooling solution is engineered for deployment in demanding industrial sectors such as telecommunications infrastructure, server rack ventilation, and factory automation control panels. The 4710PS-22T-B30-B00 excels in maintaining optimal operating temperatures for power supply units and CNC machinery electronics, preventing thermal throttling. Additionally, the 4710PS-22T-B30-B00 is frequently utilized in medical instrumentation and HVAC auxiliary systems where consistent air exchange and long-term reliability are critical for system integrity.

Supplemental Images

