

# 4710PS-22T-B3-B00 NMB 220VAC 120x120x25mm AC Axial Fan Datasheet



**Brand:** NMB

**SKU:** [749690928219](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$34.99**

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Product Page:

<https://www.equipspares.com/product/4710ps-22t-b3-b00-nmb-220vac-120x120x25mm-ac-axial-fan>

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## Product Description

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The NMB 4710PS-22T-B3-B00 is a precision-engineered AC axial fan designed for robust thermal management in industrial environments. Utilizing a shaded pole induction motor architecture, this unit ensures consistent torque delivery and operational stability under continuous loads. The chassis features a high-rigidity aluminum die-cast frame coupled with a glass-fiber reinforced polycarbonate impeller, optimizing aerodynamic efficiency while minimizing structural resonance. Engineered with NMB's proprietary precision dual ball bearing system, the fan reduces frictional coefficients, thereby extending service life and maintaining low thermal impedance. This 220VAC cooling solution is specifically calibrated for applications requiring reliable airflow and sustained static pressure performance.

Model Number: 4710PS-22T-B3-B00

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: AC Axial Fan

Rated Voltage: 220 VAC

Frequency: 50 / 60 Hz

Phase: 1 Phase

Input Power: 14.0 / 11.0 W

Rated Current: 0.09 / 0.07 A

Rated Speed: 2700 / 3100 RPM

Max. Air Flow: 88.2 / 102.0 CFM (150 / 173 m<sup>3</sup>/h)  
Max. Static Pressure: 6.0 / 7.5 mmH<sub>2</sub>O (58.8 / 73.5 Pa)  
Bearing Type: Dual Ball Bearing  
Dimensions: 119 x 119 x 25 mm  
Termination: Terminal Type (Faston #110)  
Motor Type: Shaded Pole Induction Motor  
Frame Material: Aluminum Die-Cast  
Impeller Material: Polycarbonate (Glass Fiber Reinforced)  
Noise Level: 40 / 44 dB(A)  
Operating Temperature: -10°C to +70°C  
Storage Temperature: -40°C to +70°C  
Insulation Resistance: 10M  $\Omega$  min. at 500VDC  
Dielectric Strength: 1500 VAC for 1 minute  
Protection: Impedance Protection  
Life Expectancy: 50,000 Hours (at 25°C)  
Weight: 350 g  
Flammability Rating: UL94V-0

This cooling unit is engineered for critical heat dissipation in industrial automation and telecommunications infrastructure. The 4710PS-22T-B3-B00 is frequently integrated into server rack cabinets, power supply units, and control panels where continuous airflow is mandatory to prevent thermal throttling. Additionally, the 4710PS-22T-B3-B00 serves as a vital component in CNC machinery electronics and medical instrumentation, ensuring component longevity through effective thermal regulation.