

4710PS-20T-B30-B00 NMB-MAT 200VAC 119x119x25mm Axial Fan Datasheet



Brand: NMB

SKU: [898164555566](#)

Category: Axial & Centrifugal Fans

Price: **\$47.99**

E-mail: sales@equipspares.com

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Product Description

The NMB-MAT 4710PS-20T-B30-B00 is a precision-engineered AC axial fan designed for robust thermal management in industrial environments. Utilizing a reliable shaded pole induction motor architecture, this unit ensures consistent airflow delivery while maintaining optimal energy efficiency. The construction features a durable aluminum die-cast frame paired with a glass-reinforced polycarbonate impeller, providing exceptional structural rigidity and resistance to thermal deformation. Engineered with high-quality ball bearings, the 4710PS-20T-B30-B00 minimizes frictional losses and extends operational lifespan, making it an ideal solution for systems requiring low thermal impedance and continuous duty cycles under varying electrical loads.

Model Number: 4710PS-20T-B30-B00

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: AC Axial Fan

Rated Voltage: 200 VAC

Frequency: 50 / 60 Hz

Input Power: 14.0 / 11.0 W

Rated Current: 0.100 / 0.080 A

Rated Speed: 2700 / 3100 RPM

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

Max. Static Pressure: 6.8 / 8.3 mmH₂O (66.6 / 81.3 Pa)

Bearing Type: Dual Ball Bearing

Dimensions: 119 x 119 x 25 mm

Weight: 550 g

Noise Level: 40 / 44 dB(A)

Frame Material: Aluminum Die-Cast

Impeller Material: Plastic (UL94V-0)

Termination: Terminal Type (Faston #110)

Motor Protection: Impedance Protection

Insulation Resistance: 10M Ohm or over with a DC500V Megger

Dielectric Withstand Voltage: AC 1800V 3s

Operating Temperature: -10 to +70 Degree C

Storage Temperature: -40 to +70 Degree C

Life Expectancy: 50,000 Hours (at 25 Degree C)

Phase: Single Phase

Induction System: Shaded Pole Induction Motor

Designed for versatility, the 4710PS-20T-B30-B00 serves as a critical cooling component in high-density electronic enclosures and industrial automation setups. Its robust AC design makes it suitable for factory automation control panels, large-scale power supply units, and telecommunications equipment racks where reliable heat dissipation is paramount. The 4710PS-20T-B30-B00 is also frequently integrated into medical instrumentation and CNC machinery, ensuring sensitive components remain within safe operating temperature ranges during prolonged operation.

Supplemental Images

