3110PS-10W-B30 NMB-MAT 100VAC 80x80x25mm Axial Fan Datasheet

Brand: NMB

SKU: 975419323042

Category: Axial & Centrifugal Fans

Price: **$25.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/3110ps-10w-b30-nmb-mat-100vac-80x80x25mm-axial-fan

Product Description

The NMB-MAT 3110PS-10W-B30 is a precision-engineered AC Axial Fan designed to deliver consistent thermal management in demanding industrial applications. Built upon a robust shaded pole induction motor platform, this unit features a high-grade dual ball bearing architecture that significantly reduces rotational friction and enhances operational longevity. The aerodynamic impeller profile is optimized to maximize airflow while maintaining a low noise floor, effectively lowering thermal impedance within restricted spaces. Encased in a die-cast aluminum housing, the fan offers superior structural rigidity and heat dissipation properties, ensuring reliable performance even under continuous duty cycles and fluctuating environmental conditions.

Model Number: 3110PS-10W-B30
Brand: NMB-MAT (MinebeaMitsumi)
Product Type: AC Axial Fan
Rated Voltage: 100 VAC
Frequency: 50 / 60 Hz
Input Power: 6.0 / 5.0 W
Rated Current: 0.090 / 0.080 A
Rated Speed: 2700 / 3200 RPM
Max. Air Flow: 16.2 / 19.4 CFM (0.46 / 0.55 m^3/min)
Max. Static Pressure: 3.4 / 4.9 mmH_2O (33.3 / 48.0 Pa)

Noise Level: 28 / 33 dB(A)
Bearing Type: Precision Ball Bearing
Dimensions: 80 x 80 x 25 mm
Weight: 220 g
Frame Material: Aluminum Die-Cast
Impeller Material: Reinforced Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Life Expectancy: 50,000 Hours (25°C)
Termination: Lead Wires
Motor Protection: Impedance Protected
Insulation Resistance: 10M Ohm min. at 500 VDC
Dielectric Strength: 1500 VAC for 1 minute
Phase: 1 Phase

This cooling unit is extensively utilized in electronic equipment racks, server cabinets, and industrial automation control panels where reliable heat dissipation is critical. The 3110PS-10W-B30 is particularly effective in telecommunications infrastructure and power supply units, preventing component overheating through consistent air exchange. Furthermore, the compact footprint of the 3110PS-10W-B30 makes it a preferred choice for medical instrumentation and CNC machinery, ensuring optimal operating temperatures for sensitive electronics.

Supplemental Images