

412PS-10W-B30-B00 NMB 100VAC 60x60x28mm AC Axial Fan Datasheet



Brand: NMB

SKU: [982318382041](#)

Category: Axial & Centrifugal Fans

Price: **\$23.99**

E-mail: sales@equipspares.com

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Product Page:

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Product Description

The NMB 412PS-10W-B30-B00 is a precision-engineered AC axial fan designed for high-reliability thermal management in industrial environments. Utilizing a robust single-phase AC induction motor architecture, this unit ensures consistent rotational stability and minimized thermal impedance during continuous operation. The chassis houses a premium double ball bearing system, which significantly enhances radial load capacity and extends the mean time between failures (MTBF) compared to sleeve bearing alternatives. Its aerodynamic impeller design optimizes static pressure delivery while maintaining structural rigidity, making it an ideal solution for compact electronic enclosures requiring sustained airflow performance.

Model Number: 412PS-10W-B30-B00

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: AC Axial Fan

Rated Voltage: 100 VAC

Frequency: 50 / 60 Hz

Phase: 1 Phase

Input Power: 6.0 / 5.0 W

Rated Speed: 3600 / 4100 RPM

Max. Air Flow: 16.2 / 19.4 CFM (27.5 / 33.0 m³/h)

Max. Static Pressure: 3.5 / 4.8 mmH₂O (34.3 / 47.0 Pa)

Dimensions: 60 x 60 x 28 mm

Bearing Type: Double Ball Bearing

Noise Level: 28 / 31 dB(A)

Housing Material: Polycarbonate (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Termination: Lead Wires

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

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

Dielectric Strength: AC 1500V 1 Minute

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

Origin: Thailand

Weight: 85 g

This cooling solution is specifically engineered for critical industrial applications, including variable frequency drive (VFD) inverters and compact power supply units. The 412PS-10W-B30-B00 excels in environments where space is constrained but reliable heat dissipation is non-negotiable, such as server rack spot cooling and telecommunications equipment. By integrating the 412PS-10W-B30-B00 into CNC control panels or medical instrumentation, operators ensure optimal thermal regulation, preventing component degradation due to overheating in continuous-duty cycles.

Supplemental Images

