

PMD2406PMB1-A.(2).GN SUNON 24VDC 60x60x38mm 10.3W Axial Fan Datasheet



Brand: SUNON

SKU: 683640729430

Category: Axial & Centrifugal Fans

Price: \$22.99

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/pmd2406pmb1-a-2-gn-sunon-24vdc-60x60x38mm-10-3w-axial-fan>

Product Description

The SUNON PMD2406PMB1-A.(2).GN is a high-performance DC axial fan engineered for demanding industrial thermal management applications. Utilizing advanced DC motor technology combined with a precision dual ball bearing architecture, this unit delivers exceptional airflow density relative to its compact footprint. The design minimizes thermal impedance while maintaining superior structural rigidity under high-speed operation. Its aerodynamic impeller geometry is specifically optimized for high static pressure generation, making it a robust solution for cooling densely packed electronic enclosures and power conversion systems requiring sustained reliability.

Model Number: PMD2406PMB1-A.(2).GN

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Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 10.0 - 27.6 VDC

Power Consumption: 10.3 W

Rated Current: 0.43 A

Rated Speed: 8000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 56.5 CFM (96.0 m³/h / 1.60 m³/min)

Max. Static Pressure: 0.92 inH₂O (23.4 mmH₂O / 229 Pa)

Dimensions: 60 x 60 x 38 mm

Weight: 90 g

Noise Level: 56.0 dBA

Frame Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Termination: 2-Wire (Red +, Black -)

Ingress Protection: IP5X (Dust Protected)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 70,000 Hours at 40°C

Safety Approvals: UL, CUR, TUV, CE

The PMD2406PMB1-A.(2).GN is specifically designed for high-impedance environments such as industrial inverters and variable frequency drives (VFDs) where concentrated heat dissipation is critical. This model excels in server rack cooling and telecommunications equipment, ensuring component stability during continuous operation. Integrators frequently deploy the PMD2406PMB1-A.(2).GN in CNC machinery control panels and medical instrumentation, leveraging its high static pressure capabilities to overcome airflow resistance in tightly packed chassis.