

PMD2408PMB3.(2).GN SUNON 24VDC 80x80x38mm DC Axial Fan Datasheet



Brand: SUNON

SKU: [987781938014](#)

Category: Axial & Centrifugal Fans

Price: **\$18.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/pmd2408pmb3-2-gn-sunon-24vdc-80x80x38mm-dc-axial-fan>

Product Description

The SUNON PMD2408PMB3.(2).GN is a robust DC Axial Fan engineered for high-reliability thermal management in industrial electronics. Utilizing advanced 2 Ball Bearing technology, this unit ensures prolonged operational stability and reduced friction, significantly enhancing the Mean Time Between Failures (MTBF). The aerodynamic impeller design optimizes airflow efficiency while maintaining structural rigidity under thermal stress. With a rated power of 4.8W, it delivers a balanced performance-to-noise ratio, making it ideal for restricted spaces requiring consistent static pressure. The housing is constructed from durable thermoplastic, offering superior thermal impedance and resistance to environmental factors.

Model Number: PMD2408PMB3.(2).GN

Brand: SUNON

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 10.0 - 27.6 VDC

Rated Current: 0.20 A

Power Consumption: 4.8 W

Rated Speed: 4200 RPM

Bearing Type: 2 Ball Bearing

Max. Air Flow: 63.2 CFM (107.4 m³/h / 1.79 m³/min)

Max. Static Pressure: 0.36 inH₂O (9.14 mmH₂O / 89.6 Pa)

Dimensions: 80x80x38mm

Weight: 175 g

Noise Level: 43.3 dBA

Frame Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 70,000 Hours at 40°C

Termination: Lead Wires (UL1007, 24AWG)

Safety Certifications: UL, CUR, TUV, CE

Motor Protection: Auto Restart, Polarity Protection

Dielectric Strength: 500VAC for 1 Minute

Insulation Resistance: 10M Ohms at 500VDC

Designed specifically for demanding industrial environments, the SUNON PMD2408PMB3.(2).GN excels in cooling frequency inverters and variable frequency drives (VFDs) where consistent heat dissipation is critical. Its compact 80mm form factor allows for seamless integration into server racks, telecommunication cabinets, and power supply units. The high static pressure capabilities of the PMD2408PMB3.(2).GN ensure effective airflow through dense component arrays and heatsinks, preventing thermal throttling in automation equipment and CNC machinery control panels.

Supplemental Images

