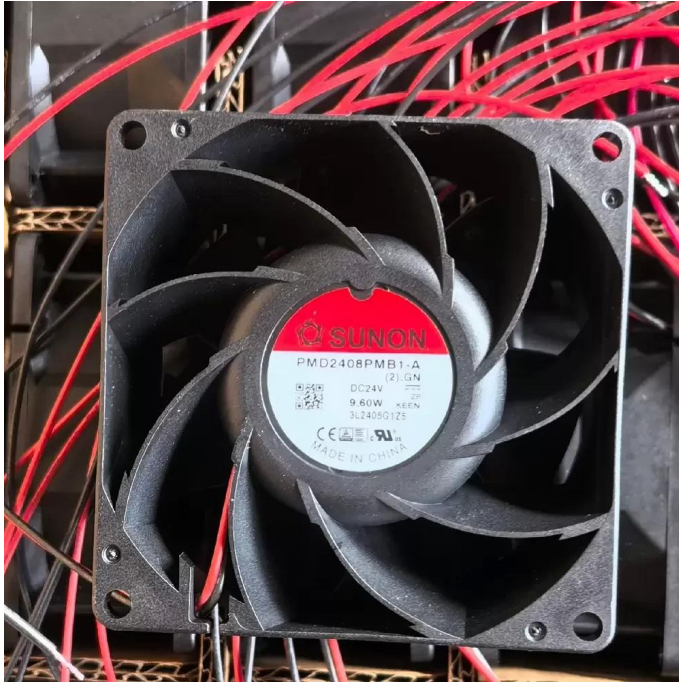


PMD2408PMB1-A.(2).GN Sunon 24VDC 80x80x38mm Axial Fan Datasheet



Brand: SUNON

SKU: [884775807123](#)

Category: Axial & Centrifugal Fans

Price: **\$22.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/pmd2408pmb1-a-2-gn-sunon-24vdc-80x80x38mm-axial-fan>

Product Description

The Sunon PMD2408PMB1-A.(2).GN is a high-performance DC Axial Fan engineered for demanding industrial thermal management applications. This unit features a robust 24VDC motor architecture integrated with a precision Double Ball Bearing system, ensuring exceptional structural rigidity and prolonged operational longevity under continuous load. With a power rating of 9.6W, the fan delivers substantial airflow and static pressure, making it ideal for overcoming high thermal impedance in dense electronic enclosures. The aerodynamic impeller design optimizes air intake while minimizing turbulence, providing a reliable cooling solution for critical hardware components requiring consistent forced air convection.

Model Number: PMD2408PMB1-A.(2).GN

Brand: Sunon

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 10.0 - 27.6 VDC

Rated Current: 0.40 A

Power Consumption: 9.6 W

Rated Speed: 5700 RPM

Bearing Type: Double Ball Bearing

Max. Air Flow: 84.1 CFM (142.8 m³/h / 2.38 m³/min)

Max. Static Pressure: 18.8 mmH₂O (184.4 Pa / 0.74 inH₂O)

Dimensions: 80x80x38mm

Weight: 175 g

Noise Level: 55.2 dB(A)

Housing 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: 2-Wire Lead

Ingress Protection: IP55 (Optional)

Safety Approvals: UL, CUR, TUV

Designed for high-reliability environments, the PMD2408PMB1-A.(2).GN is frequently utilized in industrial frequency inverters and variable frequency drives (VFDs) where consistent heat dissipation is critical for component stability. Additionally, the PMD2408PMB1-A.(2).GN serves effectively in server rack enclosures, telecommunications equipment, and power supply units requiring forced air convection to mitigate thermal buildup. Its robust construction makes it suitable for CNC machinery control panels and medical instrumentation requiring sustained operation.

Supplemental Images

