

PMB1275PNB1-AY.(2).GN SUNON 12VDC 75x75x30mm 3.6W Blower Datasheet



Brand: SUNON

SKU: 1012166587357

Category: Axial & Centrifugal Fans

Price: \$20.99

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/pmb1275pnb1-ay-2-gn-sunon-12vdc-75x75x30mm-3-6w-blower>

Product Description

The SUNON PMB1275PNB1-AY.(2).GN is a high-efficiency DC Blower designed for precision thermal management in space-constrained industrial environments. Utilizing a robust brushless DC motor and dual ball bearing architecture, this centrifugal fan ensures long-term structural rigidity and low thermal impedance. Its aerodynamic impeller design is optimized for high static pressure, making it ideal for overcoming resistance in dense electronic enclosures. The unit features a UL94V-0 reinforced thermoplastic housing, providing exceptional durability and flame resistance while maintaining consistent airflow performance under varying operational loads.

Model Number: PMB1275PNB1-AY.(2).GN

Brand: SUNON

Product Type: Blower (Centrifugal Fan)

Rated Voltage: 12VDC

Voltage Range: 6.0 - 13.8 VDC

Rated Current: 0.30 A

Power: 3.6 W

Rated Speed: 3400 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 13.6 CFM (23.1 m³/h / 0.38 m³/min)

Max. Static Pressure: 15.24 mmH₂O (149.45 Pa / 0.60 inH₂O)

Dimensions: 75x75x30 mm

Weight: 86.5 g

Life Expectancy: 70,000 Hours at 40C

Noise Level: 43.5 dBA

Housing Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Termination: 2 Lead Wires (26 AWG)

Operating Temperature: -10 to +70 C

Storage Temperature: -40 to +70 C

Insulation Class: Class A

Protection Features: Auto Restart, Polarity Protection

Certifications: UL, CUR, TUV, CE

The PMB1275PNB1-AY.(2).GN is specifically engineered for localized cooling in telecommunications equipment and server rack components where directional airflow is critical. Due to its compact 75mm form factor, the PMB1275PNB1-AY.(2).GN is frequently integrated into medical diagnostic devices, 3D printers, and industrial power supplies. Its ability to generate significant static pressure allows it to effectively exhaust heat from dense CNC controller cabinets and automated laboratory instrumentation.

Supplemental Images

