

# PMD2404PQB1-A.(2).B5001.F.GN.I56 SUNON 26VDC 40mm Axial Fan Datasheet



**Brand:** SUNON

**SKU:** [1002891388215](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$25.99**

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**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

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

Product Page:

<https://www.equipspares.com/product/pmd2404pqb1-a-2-b5001-f-gn-i56-sunon-26vdc-40mm-axial-fan>

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## Product Description

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The SUNON PMD2404PQB1-A.(2).B5001.F.GN.I56 is a high-density DC Axial Fan engineered for critical thermal management in space-constrained environments. Utilizing a sophisticated brushless DC motor architecture, this unit minimizes thermal impedance through optimized blade geometry and high-precision dual ball bearings. The structural rigidity of the PBT thermoplastic housing ensures dimensional stability under high rotational velocities, while the integrated electronic commutation provides consistent torque delivery. Designed for continuous duty cycles, this fan integrates advanced aerodynamic profiles to maximize static pressure and volumetric flow rates in high-impedance systems.

Model Number: PMD2404PQB1-A.(2).B5001.F.GN.I56

Brand: SUNON

Product Type: DC Axial Fan

Rated Voltage: 26VDC

Voltage Range: 20.0 - 27.6 VDC

Rated Current: 0.17A

Power: 4.48W

Rated Speed: 15000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 23.5 CFM (39.9 m<sup>3</sup>/h)

Max. Static Pressure: 1.15 inH<sub>2</sub>O (286.4 Pa)

Dimensions: 40mm x 40mm x 28mm

Weight: 40g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 51.5 dB(A)

Housing Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Termination: 3-Pin Connector with Lead Wires

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Protection Features: Locked Rotor Protection, Reverse Polarity Protection

Insulation Resistance: 10M ohm at 500VDC

Dielectric Strength: 500VAC for 1 minute

Certifications: CE, TUV, UL Recognized

The PMD2404PQB1-A.(2).B5001.F.GN.I56 is specifically designed for high-density electronic enclosures such as 1U server racks and telecommunications switching equipment. Given its high static pressure capabilities, the PMD2404PQB1-A.(2).B5001.F.GN.I56 is an ideal choice for cooling power supply units, medical diagnostic imaging hardware, and industrial automation controllers where airflow resistance is significant. Its compact 40mm footprint allows for precise thermal targeting in localized hotspots within CNC control cabinets and network routers.

## Supplemental Images

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