

PE80252B1-000C-A99 Sunon 24VDC 80x80x25mm Axial Fan Datasheet



Brand: SUNON

SKU: [919528650041](#)

Category: Axial & Centrifugal Fans

Price: **\$17.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/pe80252b1-000c-a99-sunon-24vdc-80x80x25mm-axial-fan>

Product Description

The Sunon PE80252B1-000C-A99 is a precision-engineered DC axial fan designed for high-reliability industrial thermal management. Utilizing advanced Dual Ball Bearing architecture, this unit ensures superior structural rigidity and reduced friction coefficients, significantly extending operational lifespan under continuous load. The aerodynamic impeller design optimizes static pressure delivery while maintaining thermal impedance at minimal levels. Engineered with a robust thermoplastic frame, the PE80252B1-000C-A99 delivers consistent airflow performance, making it an ideal solution for critical electronic cooling applications requiring sustained 4.8W power dissipation and efficient heat exchange.

Model Number: PE80252B1-000C-A99

Brand: Sunon

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 12.0 - 27.6 VDC

Power: 4.80 W

Rated Current: 0.20 A

Rated Speed: 4800 RPM $\pm$ 10%

Max. Air Flow: 60.0 CFM (101.9 m³/h / 1.70 m³/min)

Max. Static Pressure: 0.41 inH₂O (10.4 mmH₂O / 102 Pa)

Bearing Type: Dual Ball Bearing

Dimensions: 80x80x25mm

Noise Level: 47.5 dB(A)

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

Housing Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Weight: 91 g

Life Expectancy: 70,000 Hours @ 40°C

Safety: UL, CUR, TUV

Designed for rigorous industrial environments, the PE80252B1-000C-A99 is frequently deployed in variable frequency drive (VFD) inverters and server rack cooling systems where consistent airflow is paramount. The PE80252B1-000C-A99 excels in telecommunications equipment, power supply units, and automation control cabinets, providing reliable thermal regulation to prevent component overheating in enclosed chassis.

Supplemental Images

