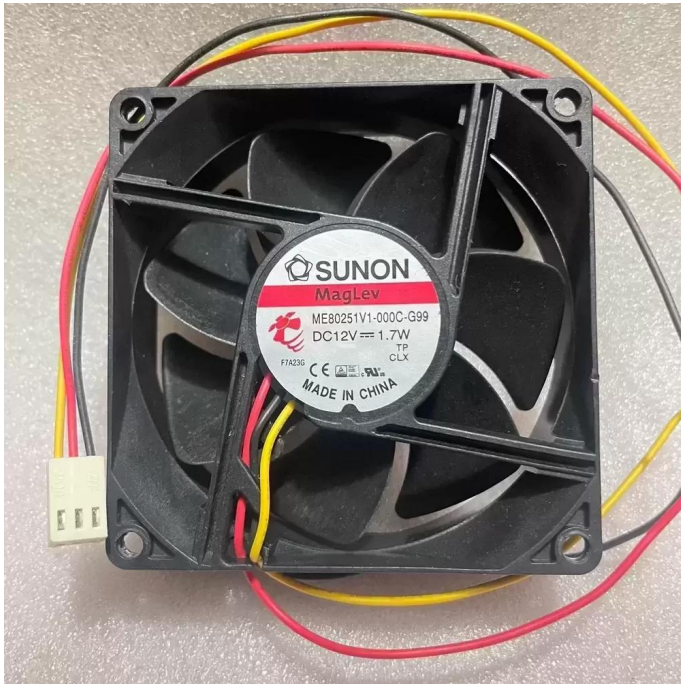


ME80251V1-000C-G99 SUNON 12VDC 80x80x25mm MagLev Axial Fan Datasheet



Brand: SUNON

SKU: [1017804694130](#)

Category: Axial & Centrifugal Fans

Price: **\$13.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/me80251v1-000c-g99-sunon-12vdc-80x80x25mm-maglev-axial-fan>

Product Description

The SUNON ME80251V1-000C-G99 is a precision-engineered DC axial fan designed for applications requiring a balance between airflow efficiency and acoustic performance. Utilizing SUNON's proprietary Magnetic Levitation (MagLev) bearing technology, this unit eliminates physical contact between the shaft and bearing, significantly reducing friction, vibration, and thermal impedance while extending operational lifespan. The 80mm frame houses an aerodynamically optimized impeller driven by a highly efficient DC motor, delivering consistent cooling performance. With a structural rigidity suited for industrial environments, the ME80251V1-000C-G99 ensures reliable thermal management in compact electronic assemblies, minimizing mechanical wear and maintaining low noise levels during continuous operation.

Model Number: ME80251V1-000C-G99

Brand: SUNON

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 6.0 - 13.8 VDC

Rated Current: 0.14 A

Power: 1.7 W

Rated Speed: 3300 RPM

Bearing Type: MagLev (Magnetic Levitation)

Max. Air Flow: 36.0 CFM (61.16 m³/h / 1.02 m³/min)
Max. Static Pressure: 4.57 mmH₂O (44.8 Pa / 0.18 inH₂O)
Dimensions: 80 x 80 x 25 mm
Weight: 75 g
Noise Level: 28.0 dBA
Termination: 3-Wire (Lead Wire)
Speed Control: Tachometer (Frequency Generator)
Housing Material: Thermoplastic PBT (UL94V-0)
Blade Material: Thermoplastic PBT (UL94V-0)
Operating Temperature: -10 to +70 °C
Life Expectancy: 70,000 Hours at 40°C
Mounting Orientation: Any
Ingress Protection: IP5X (Dust Protected)

This cooling solution is specifically engineered for critical thermal regulation in electronic enclosures and industrial machinery. The ME80251V1-000C-G99 is frequently deployed in server chassis, variable frequency drive (VFD) inverters, and high-definition projection systems where acoustic dampening is essential. Additionally, the ME80251V1-000C-G99 serves as a reliable component in telecommunications equipment and power supply units, ensuring optimal operating temperatures are maintained to prevent component degradation in continuous-duty cycles.

Supplemental Images

