

MGA6012MS-A25 Magic 12VDC 60x60x25mm Sleeve Axial Fan Datasheet



Brand: Protechnic

SKU: [806013516209](#)

Category: Axial & Centrifugal Fans

Price: **\$13.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/mga6012ms-a25-magic-12vdc-60x60x25mm-sleeve-axial-fan>

Product Description

The Magic MGA6012MS-A25 is a precision-engineered DC axial fan designed for thermal management in compact electronic enclosures and heating applications. Utilizing a durable sleeve bearing architecture, this unit balances operational longevity with acoustic efficiency, making it suitable for noise-sensitive environments. The rotor assembly features an optimized impeller geometry to maximize static pressure while maintaining consistent airflow, ensuring effective heat dissipation in high-impedance systems. Constructed with UL94V-0 rated thermoplastic, the frame ensures structural rigidity and thermal stability under continuous load conditions, minimizing vibration and resonance.

Model Number: MGA6012MS-A25

Brand: Magic (Magic Precision Inc.)

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.13 A

Power Consumption: 1.56 W

Rated Speed: 3800 RPM

Bearing Type: Sleeve Bearing

Max. Air Flow: 20.5 CFM (34.8 m³/h / 0.58 m³/min)

Max. Static Pressure: 3.81 mmH₂O (37.3 Pa / 0.15 inH₂O)

Dimensions: 60x60x25mm

Noise Level: 28.5 dBA

Housing Material: PBT Thermoplastic (UL94V-0)

Blade Material: PBT Thermoplastic (UL94V-0)

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

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 30,000 Hours at 40°C

Weight: 55 g

Motor Type: Brushless DC

Insulation Resistance: >10M Ohm at 500VDC

Dielectric Strength: 500VAC for 1 Minute

The MGA6012MS-A25 is specifically engineered for integration into compact heating units, power supply cooling, and small-scale industrial automation equipment. Its profile makes it ideal for heater blowers where consistent airflow is required to distribute warmth effectively without generating excessive noise. Additionally, the MGA6012MS-A25 serves reliably in telecommunications chassis and network switchgear, providing critical thermal regulation to prevent component overheating in continuous-duty cycles.

Supplemental Images

