

MGA6012HF-O25 MAGIC 12V 0.17A High Speed Cooling Fan Datasheet



Brand: Protechnic

SKU: [806048400891](#)

Category: Axial & Centrifugal Fans

Price: **\$11.99**

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Product Description

The MAGIC MGA6012HF-O25 is a high-performance 60mm axial cooling fan designed for efficient thermal management in compact electronic environments. Engineered with a durable dual ball bearing system, this unit ensures long-term reliability and stable operation under continuous loads. With a rated voltage of 12V and current of 0.17A, it delivers substantial airflow relative to its size, making it an ideal replacement or upgrade component for various industrial and consumer appliances.

Manufacturer: MAGIC (Magic Technology)

Model Number: MGA6012HF-O25

Product Type: DC Axial Cooling Fan

Dimensions: 60 x 60 x 25 mm

Rated Voltage: 12V DC

Rated Current: 0.17A

Power Consumption: 2.04W

Bearing Type: Dual Ball Bearing

Speed: 4500 RPM

Max. Air Flow: 23.5 CFM (39.9 m³/h / 0.66 m³/min)

Noise Level: 32.0 dBA

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Connector: Standard 2-Pin/3-Pin Header

Mounting Hole Distance: 50.0 mm

Operating Temperature: -10°C - 70°C

Life Expectancy: 50,000 Hours at 40°C

Designed for versatility in thermal regulation, this cooling solution is specifically optimized for use in heaters, computer chassis, and compact electronic enclosures requiring consistent air exchange. The MGA6012HF-O25 effectively dissipates heat in power supply units, small servers, and industrial automation equipment, ensuring components remain within safe operating temperature ranges to prevent thermal throttling or hardware failure.

Supplemental Images

