

MGA6012HS-A25 Magic 12VDC 60x60x25mm 0.17A Axial Fan Datasheet



Brand: Protechnic

SKU: 805564543906

Category: Axial & Centrifugal Fans

Price: **\$14.99**

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Product Page:

<https://www.equipspares.com/product/mga6012hs-a25-magic-12vdc-60x60x25mm-0-17a-axial-fan>

Product Description

The Magic MGA6012HS-A25 is a specialized DC Axial Fan engineered for high-reliability thermal management applications. Incorporating advanced Brushless DC (BLDC) motor technology and a precision Dual Ball Bearing architecture, this unit minimizes mechanical friction to ensure an extended operational service life. The fan features an aerodynamically optimized impeller design that significantly reduces thermal impedance and turbulence, maintaining superior structural rigidity and cooling efficiency even under continuous load conditions in demanding industrial environments.

Model Number: MGA6012HS-A25

Brand: Magic

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.17 A

Power: 2.04 W

Rated Speed: 4500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 22.0 CFM (37.4 m³/h / 0.62 m³/min)

Max. Static Pressure: 4.80 mmH₂O (47.07 Pa / 0.19 inH₂O)

Dimensions: 60 x 60 x 25 mm

Weight: 55 g

Life Expectancy: 70,000 Hours @ 40°C

Noise Level: 32.5 dB(A)

Housing Material: PBT Plastic (UL94V-0)

Blade Material: PBT Plastic (UL94V-0)

Termination: 2-Wire Leads

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Mounting Orientation: Any

The MGA6012HS-A25 is frequently deployed in precision equipment such as laser lighting systems and optical projection units where consistent thermal regulation is paramount. This model is also well-suited for compact electronics cooling in server racks, telecommunications chassis, and industrial power supplies. The robust design of the MGA6012HS-A25 allows it to operate effectively in enclosed environments, ensuring critical components remain within safe thermal limits.

Supplemental Images

