

# MGA6012XB-O15 MAGIC 12VDC 60x60x15mm 2-Ball Axial Fan Datasheet



**Brand:** Protechnic

**SKU:** [805813405207](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$11.99**

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**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

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

Product Page:

<https://www.equipspares.com/product/mga6012xb-o15-magic-12vdc-60x60x15mm-2-ball-axial-fan>

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## Product Description

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The MAGIC MGA6012XB-O15 is a DC Axial Fan engineered by Protechnic Electric (MAGIC) to deliver superior thermal management in compact industrial environments. This unit utilizes a robust Dual Ball Bearing architecture, ensuring reduced frictional coefficients and extended operational longevity under continuous load. The aerodynamic impeller design optimizes static pressure capabilities while maintaining structural rigidity, making it ideal for overcoming high thermal impedance in densely packed electronic enclosures. Constructed with precision-molded PBT materials, the fan ensures dimensional stability and resistance to environmental stress, providing reliable forced convection cooling for critical hardware.

Model Number: MGA6012XB-O15

Brand: MAGIC (Protechnic Electric)

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 0.27 A

Power Input: 3.24 W

Rated Speed: 5200 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 22.5 CFM (38.2 m<sup>3</sup>/h / 0.63 m<sup>3</sup>/min)

Max. Static Pressure: 4.8 mmH<sub>2</sub>O (47.0 Pa / 0.19 inH<sub>2</sub>O)

Dimensions: 60 x 60 x 15 mm

Weight: 45 g

Life Expectancy: 70,000 Hours @ 40°C

Noise Level: 36.0 dBA

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Termination: 3-Wire Leads

Speed Control: Tachometer Output (Frequency Generator)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP40

Certifications: CE, UL, TUV

The MGA6012XB-O15 is specifically calibrated for high-precision applications requiring consistent airflow in restricted spaces. It is frequently deployed in laser lighting equipment, where thermal regulation is critical for diode longevity. Additionally, the MGA6012XB-O15 serves as a primary cooling solution in compact server racks, network switches, industrial power supplies, and medical instrumentation, ensuring optimal performance in environments demanding high reliability and continuous duty cycles.

## Supplemental Images

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