

# MBT6005MB-O25 Magic 5VDC 60x60x25mm Axial Cooling Fan Datasheet



**Brand:** Protechnic

**SKU:** [806108356536](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$14.99**

---

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

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

---

Product Page:

<https://www.equipspares.com/product/mbt6005mb-o25-magic-5vdc-60x60x25mm-axial-cooling-fan>

---

## Product Description

---

The Magic MBT6005MB-O25 is a DC Axial Fan engineered for precision thermal management in compact electronic assemblies and automotive applications. Utilizing advanced motor technology, this unit operates at a rated voltage of 5VDC with a current draw of 0.40A, delivering substantial airflow relative to its standard 60x60x25mm form factor. The design incorporates a robust bearing architecture, utilizing Magic's proprietary MagLev system to minimize friction, reduce mechanical wear, and enhance structural rigidity under continuous operation. Its aerodynamic impeller geometry is optimized to reduce thermal impedance while maintaining acoustic discretion. Constructed with durable thermoplastic materials, the MBT6005MB-O25 ensures reliability in demanding environments, making it an ideal solution for specialized automotive and industrial cooling requirements where space and efficiency are paramount.

Model Number: MBT6005MB-O25

Brand: Magic (Yongli)

Product Type: DC Axial Fan

Rated Voltage: 5 VDC

Rated Current: 0.40 A

Input Power: 2.0 W

Dimensions: 60 x 60 x 25 mm

Bearing Type: MagLev / Ball Bearing

Housing Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)

Airflow Direction: Strut Side

Mounting Holes: 4 x 4.3 mm

Termination: Lead Wires

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Application: Automotive Seat Ventilation, Air Purification

The MBT6005MB-O25 is specifically calibrated for integration into automotive comfort systems, such as car seat air purifiers and ventilation units, where compact dimensions and reliable airflow are critical. Beyond automotive uses, this unit serves effectively in small-scale electronic enclosures, telecommunications equipment, and portable instrumentation requiring active heat dissipation. The MBT6005MB-O25 maintains consistent performance in these restricted spaces, ensuring component longevity by preventing thermal saturation in dense hardware configurations.

## Supplemental Images

---

