

# MGT6024ZB-O25D Protechnic 24VDC 60x60x25mm Axial Fan Datasheet



**Brand:** Protechnic

**SKU:** [1042364118676](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$13.86**

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Product Page:

<https://www.equipspares.com/product/mgt6024zb-o25d-protechnic-24vdc-60x60x25mm-axial-fan>

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## Product Description

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The Protechnic MGT6024ZB-O25D is a high-performance 60 x 60 x 25 mm axial cooling fan operating at a nominal 24 VDC with a rated current of 0.16 A. This industrial-grade component features a robust dual ball bearing system and a high-speed motor capable of delivering approximately 24.93 CFM of airflow. The unit is constructed with a UL 94V-0 rated PBT plastic frame and impeller, ensuring structural integrity under thermal stress. Its internal motor architecture includes automatic restart and locked current protection, while the IP68 rating provides complete protection against dust ingress and long-term immersion in water, making it suitable for demanding environmental conditions.

### MGT6024ZB-O25D Specifications

Model Number: MGT6024ZB-O25D

Brand: Protechnic

Category: DC Axial Fan

Dimensions: 60 x 60 x 25 mm

Rated Voltage: 24 VDC

Operating Voltage Range: 12 to 27.6 VDC

Rated Current: 0.16 A

Input Power: 3.84 W

Rated Speed: 4800 RPM

Maximum Airflow: 24.93 CFM

Static Pressure: 0.268 inch H<sub>2</sub>O

Noise Level: 33.6 dB(A)

Bearing Type: Dual Ball Bearing

Ingress Protection: IP68

Frame Material: Thermoplastic PBT (UL 94V-0)

Impeller Material: Thermoplastic PBT (UL 94V-0)

Life Expectancy: 70,000 hours at 40 °C

Operating Temperature: -10 to 70 °C

Storage Temperature: -40 to 70 °C

Weight: 63 g

Safety Approvals: UL, TUV, CE

#### MGT6024ZB-O25D Applications

Primary applications include integration into high-density server rack enclosures, industrial PLC control cabinets, and telecommunications base station power supplies. Deployed within CNC machine tool electronics and ruggedized outdoor inverter systems requiring IP68-rated moisture and dust resistance.

## Supplemental Images

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