

MGA6024UB-O25 Magic 24VDC 60x60x25mm Dual Ball Axial Fan Datasheet



Brand: Protechnic

SKU: 805990857689

Category: Axial & Centrifugal Fans

Price: **\$14.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/mga6024ub-o25-magic-24vdc-60x60x25mm-dual-ball-axial-fan>

Product Description

The Magic MGA6024UB-O25 is a high-density DC axial fan engineered for critical thermal management applications within industrial enclosures and server architectures. Utilizing a robust dual ball bearing system, this unit offers exceptional structural rigidity and reduced rotational friction, significantly extending operational service life under continuous load. The electromagnetic motor design is optimized for 24VDC operation, delivering high static pressure capabilities essential for overcoming thermal impedance in densely packed components. Its aerodynamic impeller geometry balances airflow efficiency with acoustic performance, providing a reliable cooling solution for systems demanding high structural integrity and consistent thermal dissipation.

Model Number: MGA6024UB-O25

Brand: Magic (Magic Technology)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.29 A

Power Consumption: 6.96 W

Rated Speed: 5800 RPM (Nominal)

Bearing Type: Dual Ball Bearing

Max. Air Flow: 28.5 CFM (48.4 m³/h / 0.81 m³/min)

Max. Static Pressure: 9.14 mmH₂O (89.6 Pa / 0.36 inH₂O)

Dimensions: 60 x 60 x 25 mm

Weight: 65 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 38.5 dBA

Housing Material: PBT Synthetic Resin (UL94V-0)

Impeller Material: PBT Synthetic Resin (UL94V-0)

Termination: Lead Wires (UL1007 AWG24)

Ingress Protection: IP20 (Standard)

Insulation Resistance: >10M Ohm at 500VDC

Dielectric Strength: 500VAC for 1 Minute

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Mounting Orientation: Any

Safety Certifications: UL, CUL, TUV, CE

Protection: Impedance Protected, Reverse Polarity Protection

The MGA6024UB-O25 is specifically designed for integration into mission-critical hardware where failure is not an option. It is frequently deployed in server rack ventilation systems, network switchgear, and industrial automation control cabinets to maintain optimal operating temperatures. The rugged construction of the MGA6024UB-O25 also makes it suitable for medical instrumentation and telecommunications power supplies, ensuring sensitive electronics are protected from thermal saturation during peak operational cycles.

Supplemental Images

