

MGA6024XS-O25 Magic 24VDC 60x60x25mm Axial Cooling Fan Datasheet



Brand: Protechnic

SKU: 808607692838

Category: Axial & Centrifugal Fans

Price: \$11.99

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Product Page:

<https://www.equipspares.com/product/mga6024xs-o25-magic-24vdc-60x60x25mm-axial-cooling-fan>

Product Description

The Magic MGA6024XS-O25 is a precision-engineered DC Axial Fan designed for optimal thermal management in industrial enclosures and electronic assemblies. Operating at a rated voltage of 24VDC with a current draw of 0.17A, this unit balances aerodynamic efficiency with structural rigidity. The frame and impeller are constructed from reinforced thermoplastic to minimize vibration and ensure long-term durability under continuous operation. Featuring a specialized bearing architecture, it delivers consistent airflow while maintaining low thermal impedance, making it an ideal solution for maintaining critical operating temperatures in densely packed hardware environments.

Model Number: MGA6024XS-O25

Brand: Magic (Protechnic Electric)

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.17 A

Power Consumption: 4.08 W

Rated Speed: 4800 RPM

Bearing Type: Sleeve Bearing

Max. Air Flow: 23.5 CFM (39.9 m³/h / 0.66 m³/min)

Max. Static Pressure: 5.8 mmH₂O (56.8 Pa / 0.23 inH₂O)

Dimensions: 60 x 60 x 25 mm

Weight: 55 g

Noise Level: 34.0 dB(A)

Housing Material: PBT Thermoplastic (UL94V-0)

Blade Material: PBT Thermoplastic (UL94V-0)

Termination: 2-Wire Lead

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Motor Type: Brushless DC

Ingress Protection: IP20

Mounting Orientation: Any

The MGA6024XS-O25 is engineered for versatile deployment in industrial automation and telecommunications infrastructure. Its compact form factor allows for seamless integration into 1U server racks, CNC control cabinets, and network switchgear where space is constrained but airflow cannot be compromised. Additionally, the MGA6024XS-O25 serves as a reliable cooling component for medical instrumentation and power supply units, ensuring continuous operation by effectively dissipating heat generated by high-load electronic components.

Supplemental Images

