

MGA6024MB-O25-IP68 Protechnic 24VDC 60x60x25mm IP68 Axial Fan Datasheet



Brand: Protechnic

SKU: 808523417237

Category: Axial & Centrifugal Fans

Price: \$17.99

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/mga6024mb-o25-ip68-protechnic-24vdc-60x60x25mm-ip68-axial-fan>

Product Description

The Protechnic MGA6024MB-O25-IP68 is a precision-engineered axial cooling fan designed for demanding environments requiring robust ingress protection. Utilizing advanced DC motor technology coupled with a durable dual ball bearing architecture, this unit ensures minimal frictional resistance and extended operational service life. The aerodynamic blade geometry is optimized to balance airflow against static pressure, effectively managing thermal impedance in compact enclosures. Its IP68 rating signifies superior resistance to dust and water immersion, making it structurally rigid and reliable for high-humidity applications where standard cooling solutions fail.

Model Number: MGA6024MB-O25-IP68

Brand: Protechnic (Magic)

Product Type: Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.12 A

Power Input: 2.88 W

Rated Speed: 4500 RPM

Bearing Type: Dual Ball 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

Ingress Protection: IP68

Noise Level: 34.0 dB(A)

Housing Material: PBT Plastic (UL94V-0)

Blade Material: PBT Plastic (UL94V-0)

Life Expectancy: 70,000 Hours at 40°C

Operating Temperature: -10°C to +70°C

Termination: Lead Wires

This cooling solution is specifically engineered for environments with high moisture content, such as aromatherapy machines and industrial humidifiers. The MGA6024MB-O25-IP68 excels in maintaining thermal stability within compact electronic enclosures exposed to water vapor or particulate matter. Additionally, the MGA6024MB-O25-IP68 is suitable for telecommunications equipment, small-scale power supplies, and outdoor LED signage where weather resistance and continuous operation are critical requirements.

Supplemental Images

