

MGT6012MB-W25 Protechnic 12VDC 0.13A 60x60x25mm Axial Fan Datasheet



Brand: Protechnic

SKU: [1041626607835](#)

Category: Axial & Centrifugal Fans

Price: **\$16.86**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/mgt6012mb-w25-protechnic-12vdc-0-13a-60x60x25mm-axial-fan>

Product Description

Protechnic MGT6012MB-W25 60 x 60 x 25 mm 12 VDC 0.13 A 18.5 CFM axial cooling fan features a dual ball bearing system for extended operational life and is constructed with a UL 94V-0 rated PBT plastic housing and impeller. The unit features a brushless DC motor design with integrated polarity protection and provides a medium-speed airflow at 3500 RPM while maintaining a noise profile of 28 dBA. The internal mechanism is optimized for continuous duty cycles with high thermal stability and low vibration characteristics.

MGT6012MB-W25 Specifications

Model: MGT6012MB-W25

Brand: Protechnic Electric

Category: DC Axial Fan

Dimensions: 60 x 60 x 25 mm

Rated Voltage: 12 VDC

Operating Voltage: 7.0 to 13.8 VDC

Rated Current: 0.13 A

Input Power: 1.56 W

Rated Speed: 3500 RPM

Maximum Airflow: 18.5 CFM

Static Pressure: 3.5 mmH2O

Noise Level: 28 dBA

Bearing Type: Dual Ball Bearing

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

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

Motor Type: Brushless DC

Life Expectancy: 70,000 hours at 40 °C

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +70 °C

Termination: 4-Wire Lead Wires

Weight: 60 g

Safety Certifications: UL, TUV, CE

MGT6012MB-W25 Applications

Primary applications include integration into industrial PC chassis, server power supply units, and industrial control systems. Deployed within telecommunications base stations, medical diagnostic equipment, and network switch enclosures for localized thermal management.

Supplemental Images

