

MGT8012XB-O25 Protechnic Magic 12VDC 80x80x25mm Axial Fan Datasheet



Brand: Protechnic

SKU: 805549286037

Category: Axial & Centrifugal Fans

Price: \$11.99

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/mgt8012xb-o25-protechnic-magic-12vdc-80x80x25mm-axial-fan>

Product Description

The Protechnic Magic MGT8012XB-O25 is a high-performance DC Axial Fan engineered for rigorous industrial thermal management applications. Utilizing a robust Dual Ball Bearing architecture, this unit ensures minimized rotational friction and significantly extended operational longevity under continuous duty cycles. The aerodynamic impeller design is optimized to deliver high static pressure while maintaining a balanced airflow profile, effectively reducing thermal impedance within dense electronic enclosures. Constructed with reinforced PBT thermoplastic, the MGT8012XB-O25 offers superior structural rigidity and resistance to thermal deformation, making it a reliable solution for precision cooling requirements where performance stability is critical.

Model Number: MGT8012XB-O25

Brand: Protechnic Magic

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.39 A

Power Input: 4.68 W

Rated Speed: 4500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 55.0 CFM (93.4 m³/h / 1.55 m³/min)

Max. Static Pressure: 6.8 mmH₂O (66.6 Pa / 0.27 inH₂O)

Dimensions: 80x80x25mm

Weight: 86 g

Life Expectancy: 70,000 Hours @ 40°C

Noise Level: 42.0 dB(A)

Housing Material: PBT Thermoplastic (UL94V-0)

Impeller Material: PBT Thermoplastic (UL94V-0)

Termination: 2-Wire Lead

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Mounting Orientation: Any

Ingress Protection: IP20

Designed for versatile integration, the MGT8012XB-O25 excels in maintaining optimal operating temperatures within server racks, industrial automation cabinets, and telecommunications equipment. Its compact 80mm form factor allows the MGT8012XB-O25 to fit seamlessly into restricted spaces found in power supply units and CNC machinery control panels, ensuring consistent heat dissipation for sensitive electronic components.

Supplemental Images

