

MGT7012YR-O25 Protechnic 70x70x25mm 12VDC 0.39A Axial Fan Datasheet



Brand: Protechnic

SKU: [1042659390011](#)

Category: Axial & Centrifugal Fans

Price: **\$21.71**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/mgt7012yr-o25-protechnic-70x70x25mm-12vdc-0-39a-axial-fan>

Product Description

Protechnic MGT7012YR-O25 70 x 70 x 25 mm, 12 VDC, 0.39 A, 4600 RPM axial cooling fan is engineered with a high-density PBT thermoplastic frame and impeller. The unit features a specialized hydraulic bearing system that facilitates high-velocity rotation while maintaining a noise threshold of 43 dBA. It is equipped with a 3-wire electrical interface for power delivery and tachometer signal monitoring, ensuring consistent thermal regulation in space-constrained environments.

MGT7012YR-O25 Specifications

Model: MGT7012YR-O25

Brand: Protechnic (Magic)

Category: Axial Cooling Fan

Dimensions: 70 x 70 x 25 mm

Rated Voltage: 12 VDC

Operating Voltage: 10.2 to 13.8 VDC

Rated Current: 0.39 A

Input Power: 4.68 W

Rated Speed: 4600 RPM

Maximum Airflow: 42.5 CFM

Static Pressure: 5.2 mmH₂O

Noise Level: 43 dBA

Bearing Type: Hydraulic Bearing

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

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

Termination: 3-wire Lead

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +75 °C

Expected Life: 50,000 hours at 40 °C

Weight: 75 g

MGT7012YR-O25 Applications

Primary applications include integration into industrial PC (IPC) chassis, server rack enclosures, and telecommunications switching power supplies. Deployed within CNC controller cabinets and medical diagnostic equipment for localized thermal management of high-density circuit boards.

Supplemental Images

