

MGA6012ZB-025 Protechnic 6500RPM High Airflow DC Cooling Fan Datasheet



Brand: Protechnic

SKU: 738150320571

Category: Axial & Centrifugal Fans

Price: **\$10.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/mga6012zb-025-protechnic-6500rpm-high-airflow-dc-cooling-fan>

Product Description

The Protechnic MGA6012ZB-025 is a robust industrial axial fan designed for high-efficiency thermal management in compact electronic enclosures. Featuring a durable Double Ball Bearing system and a high-speed DC motor, this model ensures reliable long-term operation even in harsh environments. Its optimized impeller design delivers superior airflow capabilities relative to its size, making it a preferred choice for cooling mission-critical hardware components.

Manufacturer: Protechnic Electric (Magic)

Model Number: MGA6012ZB-025

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Operating Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.31A

Rated Power: 3.72W

Rated Speed: 6500RPM

Max. Air Flow: 35.00 CFM (59.47 m³/h / 0.99 m³/min)

Max. Static Pressure: 8.13 mmH₂O (79.73 Pa / 0.32 inH₂O)

Bearing Type: Double Ball Bearing

Noise Level: 42.5 dB(A)

Dimensions: 60 x 60 x 25 mm

Housing Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)

Lead Wire: UL1007 24AWG Red (+) Black (-)

Life Expectancy: 70,000 Hours @ 40°C

Weight: 55 g

Safety Certifications: CE, UL, TUV

The Protechnic MGA6012ZB-025 is engineered for versatile application in industrial automation and IT infrastructure, specifically serving as a primary cooling solution for server chassis and rack-mounted power supplies. Its high static pressure characteristic allows it to effectively push air through dense obstructions, such as heat sinks and tightly packed capacitor banks, ensuring component longevity in network switches and IPC systems where the MGA6012ZB-025 prevents thermal throttling.

Supplemental Images

