

MGA7012ZB-O15 MAGIC 12V 0.41A High Speed DC Axial Fan Datasheet



Brand: Protechnic

SKU: [805595278325](#)

Category: Axial & Centrifugal Fans

Price: **\$11.99**

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Product Page:

<https://www.equipspares.com/product/mga7012zb-o15-magic-12v-0-41a-high-speed-dc-axial-fan>

Product Description

The MAGIC MGA7012ZB-O15 is a robust industrial cooling fan engineered by Protechnic specifically for high-reliability applications. Featuring a precise Two Ball Bearing system and a high-torque 12V DC motor, this model delivers superior airflow relative to its compact 70mm footprint. It is built to withstand the rigorous duty cycles of medical equipment and industrial electronics, ensuring consistent thermal dissipation and prolonged component lifespan.

Model: MGA7012ZB-O15

Brand: MAGIC (Protechnic Electric)

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Operating Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.41A

Input Power: 4.92W

Rated Speed: 4600 RPM

Max. Air Flow: 42.50 CFM (72.21 m³/h / 1.20 m³/min)

Max. Static Pressure: 7.85 mmH₂O (76.98 Pa / 0.31 inH₂O)

Bearing Type: Two Ball Bearing

Noise Level: 41.5 dB(A)

Life Expectancy: 70,000 Hours at 40°C

Dimensions: 70 x 70 x 25 mm

Weight: 86 g

Housing Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)

Lead Wire: 2-Wire (Red +, Black -)

Designed for critical thermal management, this cooling unit is widely deployed in medical respiratory devices, specifically serving as a primary cooling solution for oxygen concentrators. The MGA7012ZB-O15 excels in maintaining optimal operating temperatures for compressors and electronic control modules within these life-support systems. Its high static pressure capabilities also make it suitable for compact server racks, uninterruptible power supplies (UPS), and industrial automation cabinets where reliable, continuous forced air circulation is mandatory.

Supplemental Images

