

MGA6012MR-O15A Protechnic 12V 60x60x15mm DC Axial Fan

SKU: MGA6012MR-O15A

Price: \$12.29

Categories: Fans

Tags: Protechnic

Product Link:

<https://www.electspares.com/product/mga6012mr-o15a-protechnic-12v-60x60x15mm-dc-axial-fan/>

Product Description

The Protechnic MGA6012MR-O15A is a high-performance 12VDC axial fan with dimensions of 60 x 60 x 15 mm, specifically engineered for efficient thermal management in compact electronic devices and slim-profile industrial equipment. This cooling solution features a precision dual ball bearing system and a high-efficiency 7-blade impeller, optimized for a balance between aerodynamic throughput and exceptionally low-noise operation. It operates at a rated speed of 3,600 RPM, delivering a maximum air flow of 19.10 CFM (32.4 m³/h) and a static pressure of 0.081 inAq (20.2 Pa). Characterized by its slim 15 mm profile and lightweight 29 g design, the MGA6012MR-O15A is an ideal choice for server 1U chassis, networking switches, and medical instruments where internal space is restricted and quiet operation is paramount. Its robust construction ensures long-term reliability and stable cooling performance in demanding operational environments.

MGA6012MR-O15A Fan Parameters

Manufacturer: Protechnic

Model Number: MGA6012MR-O15A

Type: DC Axial Fan

Dimensions: 60 x 60 x 15 mm

Weight: 29 g

Frame Material: Plastics (UL 94V-0)

Impeller Material: Plastics (UL 94V-0)

Bearing Type: Dual Ball Bearing

Number of Blades: 7

Rated Voltage: 12 VDC

Operating Voltage Range: 10.8 – 13.2 VDC

Rated Current: 0.18 A

Rated Input Power: 2.16 W

Rated Speed: 3,600 RPM (min⁻¹)

Max. Air Flow: 19.10 CFM (32.4 m³/h / 0.54 m³/min)

Max. Static Pressure: 0.081 inAq (20.2 Pa / 2.06 mmH₂O)

Sound Pressure Level: 25.7 dB(A)

Termination: 2 Lead Wires (300 mm)

Operating Temperature: -10 - +70 °C

Storage Temperature: -40 - +75 °C

Expected Life: 70,000 h (at 40 °C)

Locked Rotor Protection: Supported

Reverse Polarity Protection: Supported

Safety Approvals: UL, CE, RoHS

Application

The Protechnic MGA6012MR-O15A DC axial fan is specifically designed for cooling slim-profile server chassis, networking routers, compact industrial power supplies, medical diagnostic equipment, and small-form-factor electronic enclosures requiring reliable and quiet 12V DC ventilation.

Product Images









Scan for product details:

