MGA6012ZB-O15 Protechnic 12VDC 0.43A 60x60x15mm Axial Fan Datasheet

Brand: Protechnic

SKU: 998676620772

Category: Axial & Centrifugal Fans

Price: **$15.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/mga6012zb-o15-protechnic-12vdc-0-43a-60x60x15mm-axial-fan

Product Description

The Protechnic MGA6012ZB-O15 is a DC Axial Fan engineered for precision thermal management in space-constrained industrial environments. Utilizing a sophisticated brushless DC motor architecture, this unit minimizes thermal impedance while maximizing airflow throughput across critical components. The structural rigidity of the PBT thermoplastic housing ensures dimensional stability under varying thermal loads and mechanical stress. Equipped with a precision-engineered dual ball bearing system, the MGA6012ZB-O15 offers extended service life and reliable operation in diverse mounting orientations. Its aerodynamic impeller design is optimized to reduce turbulence and acoustic signatures, making it an ideal solution for mission-critical applications requiring consistent cooling performance.

Model Number: MGA6012ZB-O15
Brand: Protechnic
Product Type: Axial Fan
Rated Voltage: 12VDC
Voltage Range: 10.2 - 13.8 VDC
Rated Current: 0.43 A
Power: 5.16 W
Rated Speed: 5500 RPM
Bearing Type: Dual Ball Bearing

Max. Air Flow: 25.4 CFM (43.1 m^3/h / 0.72 m^3/min)
Max. Static Pressure: 6.8 mmH_2O (66.7 Pa / 0.27 inH_2O)
Dimensions: 60x60x15mm
Weight: 45g
Life Expectancy: 70,000 Hours
Housing Material: UL94V-0 PBT Plastic
Blade Material: UL94V-0 PBT Plastic
Termination: 2-Wire Lead Wires
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +75°C
Protection: Locked Rotor Protection, Reverse Polarity Protection
Certifications: CE, TUV, UL

The MGA6012ZB-O15 is specifically designed for integration into high-density electronic enclosures where vertical clearance is limited. Common applications for the MGA6012ZB-O15 include server chassis power supplies, compact network switches, and industrial automation controllers. Its robust construction makes it suitable for medical diagnostic equipment and CNC control cabinets, ensuring that sensitive components remain within optimal operating temperatures.

Supplemental Images