MGA1724XB-O51 Protechnic 24VDC 172x150x51mm Fan Datasheet

Brand: Protechnic

SKU: 997885084178

Category: Axial & Centrifugal Fans

Price: **$32.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/mga1724xb-o51-protechnic-24vdc-172x150x51mm-fan

Product Description

The Protechnic MGA1724XB-O51 is a robust DC axial fan engineered for demanding industrial thermal management applications requiring substantial airflow and static pressure. This unit utilizes a high-efficiency DC motor architecture paired with a precision dual ball bearing system, ensuring reduced frictional coefficients and extended operational longevity under continuous load. The aerodynamic design of the impeller, housed within a rigid aluminum die-cast frame, optimizes the pressure-to-flow ratio, effectively overcoming high thermal impedance in densely packed electronic enclosures. With a power rating of 24.00W, this fan delivers aggressive cooling performance while maintaining structural rigidity and reliability in harsh operating environments.

Model Number: MGA1724XB-O51
Brand: Protechnic Electric
Product Type: DC Axial Fan
Rated Voltage: 24 VDC
Voltage Range: 16.0 - 27.6 VDC
Rated Current: 1.00 A
Power Consumption: 24.00 W
Rated Speed: 3400 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 235.0 CFM (399.2 m^3/h / 6.65 m^3/min)

Max. Static Pressure: 19.6 mmH_2O (192.2 Pa / 0.77 inH_2O)
Dimensions: 172 x 150 x 51 mm
Frame Material: Aluminum Die-Cast (Black Coated)
Impeller Material: Thermoplastic PBT (UL94V-0)
Termination: 2 Lead Wires (Red +, Black -)
Weight: 830 g
Life Expectancy: 70,000 Hours at 40°C
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Noise Level: 56.0 dBA
Ingress Protection: IP20 (Standard)
Safety Certifications: UL, cUL, TUV, CE

The MGA1724XB-O51 is specifically designed for high-performance applications such as telecommunications cabinets, server rack ventilation, and industrial automation control panels. Its high-static pressure capabilities make the MGA1724XB-O51 ideal for forcing air through restrictive filters or heat sinks in CNC machinery and power supply units, ensuring critical components remain within safe thermal operating limits.

Supplemental Images


Protechnic
series A
MODEL:MGA1724XB-O51
DC 24V 1.00A 24.00W