

MGA12024HB-O38 Protechnic 24VDC 120x120x38mm Axial Fan Datasheet



Brand: Protechnic

SKU: 1046751202264

Category: Axial & Centrifugal Fans

Price: \$19.29

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/mga12024hb-o38-protechnic-24vdc-120x120x38mm-axial-fan>

Product Description

Protechnic MGA12024HB-O38 is a 120 x 120 x 38 mm axial cooling fan operating at 24 VDC with a 10.32 W power rating. The unit features a dual ball bearing system and a PBT plastic housing and impeller rated to UL 94V-0 flammability standards. It utilizes a brushless DC motor design with an IP 55 ingress protection rating for resistance against dust and water jets. The mechanical interface consists of a standard square frame with four mounting holes and discrete lead wire terminations for electrical connection.

MGA12024HB-O38 Specifications

Model: MGA12024HB-O38

Brand: Protechnic Electric

Product Category: DC Axial Fan

Dimensions: 120 x 120 x 38 mm

Rated Voltage: 24 VDC

Operating Voltage Range: 14.0 to 27.6 VDC

Rated Current: 0.43 A

Rated Power: 10.32 W

Rated Speed: 3100 RPM

Maximum Airflow: 130.5 CFM

Static Pressure: 0.45 in-H₂O

Noise Level: 48.5 dBA

Bearing Type: Dual Ball Bearing

Ingress Protection: IP 55

Frame Material: Thermoplastic PBT (UL 94V-0)

Impeller Material: Thermoplastic PBT (UL 94V-0)

Termination: 2-Wire Lead Wires

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +70 °C

Insulation Resistance: 10M Ohm at 500 VDC

Dielectric Strength: 5 mA Max at 500 VAC for 1 minute

Weight: 330 g

MGA12024HB-O38 Applications

Primary applications include integration into industrial control cabinets, server rack enclosures, and high-capacity power supply units. Deployed within CNC machine tool cooling systems, telecommunications base stations, and uninterruptible power supply (UPS) thermal management modules.

Supplemental Images

