MGT8012ZB-O38F Protechnic 12VDC 2.10A 80x80x38mm Fan Datasheet

Brand: Protechnic

SKU: 1041993107175

Category: Axial & Centrifugal Fans

Price: **$20.71**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/mgt8012zb-o38f-protechnic-12vdc-2-10a-80x80x38mm-fan

Product Description

Protechnic MGT8012ZB-O38F 80 x 80 x 38 mm 12 VDC 2.10 A 102.79 CFM axial cooling fan is constructed with a dual ball bearing system and a PBT plastic housing rated to UL 94V-0 flammability standards. The unit utilizes a 3-wire interface with a 550 mm black sleeved cable and is engineered with an IP68 ingress protection rating for operation in moisture-heavy or dusty environments. The internal motor architecture supports high-velocity rotation at 7500 RPM to generate 1.130 inchAq of static pressure. The structural design incorporates a 7-blade impeller optimized for high-density thermal dissipation without the use of external housing reinforcements.

MGT8012ZB-O38F Specifications
Model: MGT8012ZB-O38F
Brand: Protechnic
Category: DC Axial Fan
Dimensions: 80 x 80 x 38 mm
Rated Voltage: 12 VDC
Operating Voltage Range: 10.2 to 13.8 VDC
Rated Current: 2.10 A
Rated Power: 25.20 W
Rated Speed: 7500 RPM
Maximum Airflow: 102.79 CFM

Maximum Static Pressure: 1.130 inchAq
Noise Level: 57.8 dB(A)
Bearing Type: Dual Ball Bearing
Ingress Protection: IP68
Material: PBT (30 % Glass Fiber) UL 94V-0
Weight: 215 g
Connector Type: 3-pin (3P550)
Wire Length: 550 mm
Life Expectancy: 70,000 hours at 40 °C
Operating Temperature: -10 to 70 °C
Storage Temperature: -40 to 70 °C

MGT8012ZB-O38F Applications

Primary applications include integration into high-density server chassis, industrial UPS systems, and telecommunications power cabinets requiring high-pressure thermal management. Deployed within CNC control units and industrial automation workstations to maintain optimal operating temperatures for high-load electronic components.

Supplemental Images


Protechnic
MGT8012ZB-O38 F
DC12V 2.10A IP68