MGT8012VB-W38 Magic 12VDC 80x80x38mm 2.8A Axial Fan Datasheet

Brand: Protechnic

SKU: 921920116111

Category: Axial & Centrifugal Fans

Price: **$10.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/mgt8012vb-w38-magic-12vdc-80x80x38mm-2-8a-axial-fan

Product Description

The Magic MGT8012VB-W38 is a high-performance axial fan designed for demanding thermal management applications requiring substantial airflow and static pressure. Utilizing advanced DC motor technology and a robust dual ball bearing architecture, this unit ensures exceptional structural rigidity and prolonged operational lifespan under continuous high-speed load. The aerodynamic impeller design is optimized to deliver aggressive forced convection, effectively reducing thermal impedance in restricted enclosures or high-density electronic systems. With a significant power rating of 33.6W, it generates the necessary pressure to overcome system resistance in filtration or ducting scenarios. The integrated 4-wire interface facilitates precise speed control and tachometer monitoring, allowing for seamless integration into intelligent thermal regulation circuits.

Model Number: MGT8012VB-W38
Brand: Magic Protechnic
Product Type: DC Axial Fan
Rated Voltage: 12VDC
Rated Current: 2.80 A
Power Consumption: 33.6 W
Bearing Type: Dual Ball Bearing
Dimensions: 80 x 80 x 38 mm
Termination: 4-Wire / 4-Pin Connector

Housing Material: Thermoplastic PBT (UL94V-0)
Blade Material: Thermoplastic PBT (UL94V-0)
Mounting Orientation: Any
Speed Control: PWM / Tachometer Support
Ingress Protection: Standard
Operating Temperature: -10°C to +70°C
Life Expectancy: 70,000 Hours at 40°C

The MGT8012VB-W38 is engineered for environments requiring aggressive heat dissipation, ranging from high-density server racks and telecommunications equipment to specialized personal cooling gear such as protective bee suits. Its high static pressure capabilities make the MGT8012VB-W38 ideal for forcing air through restrictive filters, heat sinks, or tightly packed electronic components, ensuring reliability in critical industrial and safety applications where standard cooling solutions fail.

Supplemental Images


Protechnic
MGT8012VB-W38
12V 2.80A 110123037
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MADE IN CHINA