MGT6012HB-O15 Protechnic 12VDC 60x60x15mm Blower Fan Datasheet

Brand: Protechnic

SKU: 658217683895

Category: Axial & Centrifugal Fans

Price: **$25.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/mgt6012hb-o15-protechnic-12vdc-60x60x15mm-blower-fan

Product Description

The Protechnic MGT6012HB-O15 is a specialized Centrifugal Blower engineered for compact thermal management solutions requiring high static pressure generation. Utilizing advanced DC brushless motor technology, this unit minimizes thermal impedance while maintaining consistent rotational stability under variable loads. The chassis is constructed for structural rigidity, housing a precision-balanced impeller designed to optimize aerodynamic efficiency in restricted environments. Its robust bearing architecture ensures longevity and reduced frictional coefficients, making it suitable for continuous duty cycles in critical industrial electronics.

Model Number: MGT6012HB-O15
Brand: Protechnic (Magic)
Product Type: Centrifugal Blower
Rated Voltage: 12 VDC
Voltage Range: 7.0 - 13.2 VDC
Rated Current: 0.23 A
Power Consumption: 2.76 W
Bearing Type: Ball Bearing
Rated Speed: 4800 RPM (Nominal)
Max. Air Flow: 5.2 CFM (8.83 m^3/h)
Max. Static Pressure: 12.7 mmH_2O (124.5 Pa / 0.50 inH_2O)

Dimensions: 60 x 60 x 15 mm
Termination: 3-Wire (Lead Wire)
Signal Output: Tachometer (Frequency Generator)
Noise Level: 36.0 dBA
Housing Material: PBT Plastic (UL94V-0)
Impeller Material: PBT Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Ingress Protection: IP40
Net Weight: 45 g

The MGT6012HB-O15 is specifically designed for applications demanding directed airflow in confined spaces, such as compact server enclosures, network switches, and projection equipment. Its high static pressure capability makes the MGT6012HB-O15 ideal for spot cooling concentrated heat sources like heatsinks in telecommunications gear, 3D printer extruders, and industrial automation control panels, ensuring reliable thermal dissipation in dense electronic assemblies.

Supplemental Images