

MGT5024XB-R20B Protechnic 24VDC 0.15A 50x50x20mm Cooling Fan Datasheet



Brand: Protechnic

SKU: [1047184489850](#)

Category: Axial & Centrifugal Fans

Price: **\$16.14**

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Product Page:

<https://www.equipspares.com/product/mgt5024xb-r20b-protechnic-24vdc-0-15a-50x50x20mm-cooling-fan>

Product Description

Protechnic MGT5024XB-R20B is a 50 x 50 x 20 mm high-performance axial cooling fan designed for 24 VDC operation with a 0.15 A current rating. The unit features a dual ball bearing assembly and a high-speed impeller housed within a reinforced PBT plastic frame. It utilizes a 3-wire interface for power and signal transmission, delivering a maximum airflow of 19.93 CFM and a static pressure of 6.61 mmAq. The internal brushless DC motor includes integrated polarity protection and automatic restart functionality.

MGT5024XB-R20B Specifications

Model: MGT5024XB-R20B

Brand: Protechnic

Category: DC Axial Fan

Dimensions: 50 x 50 x 20 mm

Rated Voltage: 24 VDC

Operating Voltage: 14.0 to 27.6 VDC

Rated Current: 0.15 A

Actual Current: 0.10 A

Rated Power: 3.6 W

Actual Power: 2.4 W

Rated Speed: 6400 RPM

Maximum Airflow: 19.93 CFM (0.565 m³/min)

Static Pressure: 0.260 in-H₂O (6.61 mmAq)

Noise Level: 35.6 dBA

Bearing Type: Dual Ball Bearing

Interface: 3-wire (Lead wires)

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

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

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +70 °C

Weight: 42 g

Safety Approvals: CE, TUV, UL

MGT5024XB-R20B Applications

Primary applications include integration into industrial power supply units, telecommunications rack cooling systems, and high-fidelity audio amplifier thermal management modules. Deployed within CNC controller cabinets and server chassis requiring high static pressure ventilation.

Supplemental Images

