

MGT7012XB-O20 MAGIC 12V 0.36A Dual Ball Cooling Fan Datasheet



Brand: Protechnic

SKU: 805397545391

Category: Axial & Centrifugal Fans

Price: \$11.99

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Product Page:

<https://www.equipspares.com/product/mgt7012xb-o20-magic-12v-0-36a-dual-ball-cooling-fan>

Product Description

The MAGIC MGT7012XB-O20 is a robust DC axial cooling fan designed for high-performance industrial applications. Engineered by Protechnic Electric, this model combines a high-speed motor with a durable dual ball bearing system to deliver concentrated airflow. Its 12V specification and 0.36A current draw make it an aggressive cooling solution suitable for devices requiring continuous, reliable thermal dissipation under demanding conditions.

Manufacturer: MAGIC (Protechnic Electric)

Model Number: MGT7012XB-O20

Product Type: DC Axial Fan

Dimensions: 70 x 70 x 25 mm

Bearing Type: Dual Ball Bearing

Rated Voltage: 12V DC

Operating Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.36 A

Input Power: 4.32 W

Rated Speed: 4800 RPM

Max. Air Flow: 42.50 CFM (72.21 m³/h / 1.20 m³/min)

Max. Static Pressure: 6.80 mmH₂O (66.68 Pa / 0.27 inH₂O)

Noise Level: 41.5 dB(A)

Frame Material: PBT (UL94V-0) Thermoplastic
Impeller Material: PBT (UL94V-0) Thermoplastic
Life Expectancy: 70,000 Hours at 40°C
Termination: 2-Wire Lead
Weight: 85 g

This high-velocity cooling component is specifically optimized for compact equipment requiring significant air exchange, such as heavy-duty mosquito killers and insect trap devices. The MGT7012XB-O20 ensures the longevity of UV tubes and electric grids by actively evacuating heat generated during continuous operation. Beyond pest control appliances, this fan is effectively deployed in server chassis, network switches, and industrial power supplies where maintaining low internal temperatures is critical for component survival.

Supplemental Images

