MGA4024XB-O20 Protechnic 24VDC 40x40x20mm Axial Fan Datasheet

Brand: Protechnic

SKU: 807007408590

Category: Axial & Centrifugal Fans

Price: **$14.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/mga4024xb-o20-protechnic-24vdc-40x40x20mm-axial-fan

Product Description

The Protechnic MGA4024XB-O20 is a precision-engineered DC axial fan designed for high-density thermal management in industrial inverters and electronic assemblies. Utilizing advanced Dual Ball Bearing architecture, this unit ensures minimized friction and extended operational longevity under continuous load. The 40x40x20mm chassis is constructed for structural rigidity, housing an aerodynamically optimized impeller that maximizes static pressure while maintaining low thermal impedance. Engineered for 24VDC systems, the MGA4024XB-O20 delivers consistent airflow performance, making it a critical component for maintaining optimal operating temperatures in compact, heat-sensitive environments.

Model Number: MGA4024XB-O20
Brand: Protechnic (Magic)
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.13 A
Power Consumption: 3.12 W
Rated Speed: 8500 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 10.5 CFM (17.8 m^3/h / 0.29 m^3/min)

Max. Static Pressure: 7.5 mmH2O (73.5 Pa / 0.29 inH_2O)
Dimensions: 40 x 40 x 20 mm
Weight: 35 g
Life Expectancy: 70,000 Hours at 40°C
Noise Level: 36.0 dB(A)
Housing Material: PBT (UL94V-0)
Blade Material: PBT (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Termination: 2-Wire Lead
Safety Approvals: CE, UL, TUV

The Protechnic MGA4024XB-O20 is specifically calibrated for integration into power inverters and compact industrial power supplies where space is constrained but heat dissipation requirements are stringent. Its robust dual ball bearing design makes the MGA4024XB-O20 ideal for continuous-duty applications in server rack cooling, telecommunications equipment, and precision medical devices. Additionally, this model serves as a reliable thermal solution for CNC control modules and embedded automation systems requiring sustained airflow.

Supplemental Images