PD602548XB-01 Progressive 48VDC 60x60x25mm Ball Bearing Fan Datasheet

SKU: 998652149052

Category: Axial & Centrifugal Fans

Price: **$9.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/pd602548xb-01-progressive-48vdc-60x60x25mm-ball-bearing-fan

Product Description

The Progressive PD602548XB-01 is a high-efficiency DC Axial Fan engineered for demanding industrial thermal management applications. Featuring a robust DC brushless motor and a precision double ball bearing architecture, this unit is designed to deliver consistent performance while minimizing frictional wear and thermal impedance. The aerodynamic impeller geometry ensures optimal airflow delivery and structural rigidity, even under high-speed operation. Constructed with durable materials to withstand rigorous operating environments, the fan maintains stability and reliability, making it an essential component for systems requiring sustained heat dissipation and long-term operational integrity.

Model Number: PD602548XB-01
Brand: Progressive
Product Type: DC Axial Fan
Rated Voltage: 48VDC
Voltage Range: 28.0 - 56.0 VDC
Rated Current: 0.18 A
Power: 8.64 W
Rated Speed: 6800 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 38.5 CFM (65.4 m^3/h / 1.09 m^3/min)

Max. Static Pressure: 0.48 inH_2O (12.2 mmH_2O / 119.5 Pa)
Dimensions: 60 x 60 x 25 mm
Weight: 68 g
Life Expectancy: 70,000 Hours @ 40°C
Noise Level: 42.5 dB(A)
Housing Material: PBT (UL94V-0)
Impeller Material: PBT (UL94V-0)
Termination: 2-Wire Lead (Red +, Black -)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Ingress Protection: IP20
Insulation Class: Class A
Safety Certifications: UL, cUL, TUV, CE

The PD602548XB-01 is specifically optimized for high-density electronic enclosures, including server rack chassis, industrial power supply units, and telecommunications infrastructure. Its high static pressure capabilities make the PD602548XB-01 an excellent choice for forcing air through restrictive heatsinks in CNC machinery and medical diagnostic equipment, ensuring critical components remain within safe thermal operating limits.

Supplemental Images


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