PSD2412PMB1.(2).GN Sunon 24VDC 120x120x38mm Axial Fan Datasheet

Brand: SUNON

SKU: 856081339528

Category: Axial & Centrifugal Fans

Price: **$35.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/psd2412pmb1-2-gn-sunon-24vdc-120x120x38mm-axial-fan

Product Description

The Sunon PSD2412PMB1.(2).GN is a robust DC Axial Fan engineered for high-demand industrial cooling applications where reliability is paramount. Featuring advanced DC brushless motor technology and a precision dual ball bearing architecture, this unit ensures minimal thermal impedance and extended operational longevity under continuous loads. The 120mm frame is constructed from reinforced thermoplastic, offering superior structural rigidity and resistance to environmental stress. Designed with optimized blade geometry, it delivers exceptional airflow efficiency relative to its power consumption, making it a critical component for thermal management in power electronics and variable frequency drives.

Model Number: PSD2412PMB1.(2).GN
Brand: Sunon
Product Type: DC Axial Fan
Rated Voltage: 24V DC
Voltage Range: 20.4 - 27.6 VDC
Power Input: 19.2 W
Rated Current: 0.80 A
Rated Speed: 4000 RPM
Max. Air Flow: 170.0 CFM (288.8 m^3/h)
Max. Static Pressure: 17.5 mmH_2O (171.6 Pa / 0.69 inH_2O)

Bearing Type: Dual Ball Bearing
Dimensions: 120 x 120 x 38 mm
Noise Level: 56.5 dB(A)
Frame Material: Thermoplastic PBT (UL94V-0)
Impeller Material: Thermoplastic PBT (UL94V-0)
Ingress Protection: IP20
Operating Temperature: -10°C to +70°C
Life Expectancy: 70,000 Hours at 40°C
Termination: 2-Wire / 3-Wire Lead
Weight: 326 g
Compliance: RoHS, UL, TUV, CE

This high-performance cooling solution is specifically calibrated for demanding industrial environments, including the thermal regulation of Siemens variable frequency drives and heavy-duty inverters. The PSD2412PMB1.(2).GN excels in maintaining optimal operating temperatures within enclosed server cabinets, CNC machinery control panels, and telecommunications infrastructure. By integrating the PSD2412PMB1.(2).GN into power supply units and automation systems, operators ensure reliable heat dissipation, preventing thermal throttling and extending the service life of sensitive electronic components.

Supplemental Images


SUNON
PSD2412PMB1
(2).GN
19.2W
DC24V
MADE IN CHINA