KDE2412PMB1-6A.(7).B305.GN SUNON 24VDC 10.3W 12038 Axial Fan Datasheet

Brand: SUNON

SKU: 991250510131

Category: Axial & Centrifugal Fans

Price: **$17.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/kde2412pmb1-6a-7-b305-gn-sunon-24vdc-10-3w-12038-axial-fan

Product Description

The SUNON KDE2412PMB1-6A.(7).B305.GN is a high-performance DC brushless axial fan engineered for intensive thermal management in industrial environments. Operating at a nominal 24 VDC with a power consumption of 10.3 W, this 120 mm unit utilizes a precision dual ball bearing system to ensure extended operational life and stability. It delivers a significant airflow of 108 CFM at a rated speed of 3100 RPM, effectively dissipating heat in high-density electronic enclosures. The fan is constructed with UL 94V-0 rated PBT plastic for both the frame and impeller, providing robust chemical and thermal resistance.

KDE2412PMB1-6A.(7).B305.GN Specifications
Model Number: KDE2412PMB1-6A.(7).B305.GN
Brand: SUNON
Category: DC Axial Fan
Rated Voltage: 24 VDC
Operating Voltage Range: 20.4 to 27.6 VDC
Power Consumption: 10.3 W
Rated Current: 0.43 A
Rated Speed: 3100 RPM
Airflow: 108 CFM
Static Pressure: 0.31 in H2O

Noise Level: 42 dB(A)
Bearing Type: Dual Ball Bearing
Dimensions: 120 x 120 x 38 mm
Frame Material: Thermoplastic PBT (UL 94V-0)
Impeller Material: Thermoplastic PBT (UL 94V-0)
Termination: 2-Wire Leads (Red/Black)
Operating Temperature: -10 to 70 °C
Storage Temperature: -40 to 70 °C
Insulation Resistance: 500M ohm at 500 VDC
Dielectric Strength: 600 VAC for 2 seconds
Motor Protection: Polarity Protected, Locked Rotor Protected
Weight: 326 g
Approvals: UL, CE, TUV, CUR

KDE2412PMB1-6A.(7).B305.GN Applications

This axial fan provides critical thermal regulation for high-power frequency converters, industrial inverters, and server rack enclosures. It is integrated into telecommunications power supplies, automated control cabinets, and large-scale medical diagnostic equipment requiring consistent high-volume airflow.

Supplemental Images