

# KD1206PTB1.13.(2).E.B2917.A.GN SUNON 12VDC 60x60x25mm Fan Datasheet



**Brand:** SUNON

**SKU:** [967749144328](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$15.99**

**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

**Web:** <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/kd1206ptb1-13-2-e-b2917-a-gn-sunon-12vdc-60x60x25mm-fan>

## Product Description

The SUNON KD1206PTB1.13.(2).E.B2917.A.GN is a high-efficiency DC Axial Fan engineered for critical thermal management applications. This unit utilizes a precision Ball Bearing system, which significantly enhances operational stability and extends the service life compared to standard sleeve bearing alternatives. The motor architecture is designed for 12VDC operation, delivering a balance of high airflow and static pressure through its aerodynamically optimized impeller blades. Constructed from durable thermoplastic PBT (UL94V-0), the housing ensures structural rigidity and resistance to thermal stress. With a power rating of 1.4W, this fan minimizes thermal impedance within enclosures while maintaining a low noise profile, making it an ideal solution for continuous duty cycles in demanding industrial environments.

Model Number: KD1206PTB1.13.(2).E.B2917.A.GN

Brand: SUNON

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 4.5 - 13.8 VDC

Power: 1.4 W

Rated Current: 0.117 A

Rated Speed: 4500 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 23.5 CFM (39.9 m<sup>3</sup>/h / 0.67 m<sup>3</sup>/min)  
Max. Static Pressure: 0.21 inH<sub>2</sub>O (5.33 mmH<sub>2</sub>O / 52.2 Pa)  
Dimensions: 60 x 60 x 25 mm  
Weight: 56 g  
Life Expectancy: 70,000 Hours @ 40°C  
Noise Level: 33.5 dB(A)  
Housing Material: Thermoplastic PBT (UL94V-0)  
Blade Material: Thermoplastic PBT (UL94V-0)  
Termination: 2 Lead Wires (Red +, Black -)  
Wire Gauge: 24 AWG  
Operating Temperature: -10 to +70 °C  
Storage Temperature: -40 to +70 °C  
Ingress Protection: IP20  
Safety Certifications: UL, CUR, TUV

The KD1206PTB1.13.(2).E.B2917.A.GN is specifically designed for integration into compact electronic assemblies such as server racks, network switches, and telecommunications power supplies. Its robust construction allows it to function reliably in industrial automation control panels and CNC machinery where consistent cooling is mandatory to prevent component overheating. Engineers frequently select the KD1206PTB1.13.(2).E.B2917.A.GN for medical instrumentation and projector cooling systems due to its efficient airflow-to-noise ratio and long-term durability.

## Supplemental Images

---

