

KDE2406PTV1.MS.A.GN Sunon 24VDC 1.9W 60x60x25mm Axial Fan Datasheet



Brand: SUNON

SKU: [985570110699](#)

Category: Axial & Centrifugal Fans

Price: **\$13.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/kde2406ptv1-ms-a-gn-sunon-24vdc-1-9w-60x60x25mm-axial-fan>

Product Description

The Sunon KDE2406PTV1.MS.A.GN is a precision-engineered DC axial fan featuring Sunon's proprietary Magnetic Levitation (MagLev) Vapo bearing technology. Designed for high-reliability thermal management, this 24VDC unit delivers optimal airflow while minimizing mechanical friction and vibration through magnetic stabilization. The 1.9W motor architecture ensures efficient operation with reduced thermal impedance, significantly enhancing the longevity of the component compared to traditional sleeve bearings. Its aerodynamic impeller design maximizes static pressure capabilities within a compact 60mm frame, providing superior structural rigidity and consistent cooling performance in demanding industrial environments.

Model Number: KDE2406PTV1.MS.A.GN

Brand: Sunon

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 10.0 - 27.6 VDC

Power Consumption: 1.9 W

Rated Current: 0.079 A

Rated Speed: 4500 RPM

Bearing Type: MagLev Vapo Bearing

Max. Air Flow: 23.5 CFM (39.9 m³/h / 0.66 m³/min)

Max. Static Pressure: 0.21 inH₂O (5.33 mmH₂O / 52.2 Pa)

Noise Level: 33.5 dBA

Dimensions: 60x60x25mm

Weight: 56 g

Frame Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: 2-Wire Lead (Red +, Black -)

Life Expectancy: 60,000 Hours at 40°C

Safety Approvals: UL, CUR, TUV

The KDE2406PTV1.MS.A.GN is engineered for critical cooling applications requiring sustained reliability, such as server rack ventilation, industrial power supply units, and telecommunications equipment. Its magnetic levitation system makes it particularly suitable for medical devices and optical instrumentation where vibration must be minimized to preserve accuracy. Integrators frequently deploy the KDE2406PTV1.MS.A.GN in network switches and automation control panels to maintain optimal operating temperatures for sensitive electronics.

Supplemental Images

