

9WE5724K505 Sanyo Denki 24VDC 172x51mm IP68 Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [988730890999](#)

Category: Axial & Centrifugal Fans

Price: **\$99.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/9we5724k505-sanyo-denki-24vdc-172x51mm-ip68-axial-fan>

Product Description

The Sanyo Denki 9WE5724K505 is a robust DC Axial Fan engineered for critical thermal management in demanding industrial environments. Belonging to the San Ace 172W series, this unit features an IP68-rated enclosure, ensuring complete protection against dust ingress and submersion, making it ideal for outdoor and harsh applications. The motor utilizes a precision dual ball bearing architecture to minimize friction and extend operational longevity, while the aluminum die-cast frame provides superior structural rigidity and thermal conductivity. Its aerodynamic impeller design optimizes airflow efficiency, delivering high static pressure to overcome significant thermal impedance in densely packed electronic enclosures.

Model Number: 9WE5724K505

Brand: Sanyo Denki

Product Type: DC Axial Fan (San Ace 172W)

Rated Voltage: 24 VDC

Voltage Range: 20.4 - 27.6 VDC

Rated Current: 1.3 A

Power Input: 31.2 W

Rated Speed: 4200 RPM

Max. Air Flow: 293 CFM (8.3 m³/min)

Max. Static Pressure: 22.0 mmH₂O (216 Pa / 0.87 inH₂O)

Bearing Type: Dual Ball Bearing

Dimensions: 172 mm x 150 mm x 51 mm (Side Cut)

Weight: 860 g

Ingress Protection: IP68 (Water/Dust Proof)

Life Expectancy: 100,000 Hours (L90 at 60°C)

Noise Level: 58 dB(A)

Frame Material: Aluminum Die-cast

Impeller Material: Plastic (UL94V-1)

Operating Temperature: -20 to +70°C

Storage Temperature: -30 to +70°C

Protection: Locked Rotor Protection, Reverse Polarity Protection

Termination: Lead Wires

The 9WE5724K505 is specifically designed for high-reliability applications such as industrial inverters, solar power converters, and outdoor telecommunication cabinets where environmental resistance is paramount. By integrating the 9WE5724K505 into cooling systems, operators ensure consistent thermal regulation for sensitive power electronics, preventing overheating in variable frequency drives and rapid charging stations. Its water-resistant construction also makes it a preferred choice for LED signage and outdoor control panels exposed to the elements.

Supplemental Images

