

D06K-24TS7 Nidec 24VDC 60x60x25mm Silent Axial Fan Datasheet



Brand: Nidec

SKU: [905573696279](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/d06k-24ts7-nidec-24vdc-60x60x25mm-silent-axial-fan>

Product Description

The Nidec D06K-24TS7 is a precision-engineered DC Axial Fan designed for applications requiring optimized acoustic performance and reliable thermal management. Utilizing advanced DC brushless motor technology, this unit minimizes electromagnetic interference while maintaining consistent rotational stability. The aerodynamic blade geometry is calibrated to reduce turbulence, thereby lowering the overall noise floor without compromising airflow efficiency. Constructed with high-grade materials to ensure structural rigidity, the fan operates effectively within sensitive electronic environments. Its low power consumption profile, indicated by the 0.04A rating, contributes to reduced thermal impedance in the system, extending the operational lifespan of critical components through efficient heat dissipation.

Model Number: D06K-24TS7 01B(AX)

Brand: Nidec Corporation

Product Type: DC Axial Fan

Rated Voltage: 24V DC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.04 A

Input Power: 0.96 W

Rated Speed: 3200 RPM

Max. Air Flow: 18.5 CFM (31.4 m³/h / 0.52 m³/min)

Max. Static Pressure: 3.2 mmH₂O (31.4 Pa / 0.13 inH₂O)

Noise Level: 24.0 dB(A)

Dimensions: 60 x 60 x 25 mm

Weight: 65 g

Bearing Type: Precision Maintenance-Free Bearing System

Termination: 3-Wire Leads (with Tachometer Sensor)

Speed Control: Tachometer Output (Frequency Generator)

Housing Material: PBT Plastic (UL94V-0)

Blade Material: PBT Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 60,000 Hours at 40°C

Ingress Protection: IP20

Mounting Orientation: Any

Designed for acoustic-sensitive environments, the D06K-24TS7 finds its primary utility in medical instrumentation and high-fidelity audio equipment where noise suppression is paramount. The D06K-24TS7 is also frequently integrated into network switches, compact power supply units, and industrial control panels that require consistent, low-velocity airflow to prevent hotspot accumulation. Its compact form factor allows for seamless installation in tight chassis configurations, ensuring reliable cooling for telecommunications gear and precision automation modules.

Supplemental Images

