

D06K-24TS7 01B Nidec 24VDC 60x60x25mm Silent Axial Fan Datasheet



Brand: Nidec

SKU: [728033836898](#)

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-24ts7-01b-nidec-24vdc-60x60x25mm-silent-axial-fan>

Product Description

The Nidec D06K-24TS7 01B is a precision-engineered DC Axial Fan designed for applications requiring low acoustic noise and reliable thermal management. Featuring advanced hydraulic bearing architecture, this 60mm cooling solution minimizes friction to enhance longevity while maintaining optimal airflow stability. The unit operates at a rated 24VDC with an exceptionally low current draw of 0.04A, ensuring energy efficiency without compromising static pressure capabilities. Its aerodynamic blade design reduces turbulence, effectively lowering thermal impedance within compact electronic enclosures, while the robust frame ensures structural rigidity during continuous operation.

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

Brand: Nidec

Product Type: DC Axial Fan

Alternate Part Number: AX640170B

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.04 A

Input Power: 0.96 W

Dimensions: 60 x 60 x 25 mm

Bearing Type: Hydraulic (Hydro Wave)

Termination: 3-Wire (Lead Wire)

Wire Configuration: Red (+), Black (-), Yellow (Signal)

Speed Control: Tachometer Output

Noise Level: Low Noise / Silent Profile

Frame Material: PBT Plastic (UL94V-0)

Blade Material: PBT Plastic (UL94V-0)

Mounting Orientation: Any

Operating Temperature: -10°C to +70°C

Application: Office Automation, Copiers, Printers

Designed for noise-sensitive environments, the D06K-24TS7 01B is frequently utilized in office automation equipment such as photocopiers, printers, and legacy typewriter systems where acoustic neutrality is paramount. The D06K-24TS7 01B provides consistent cooling for internal power supplies and logic boards in these devices, preventing thermal throttling while maintaining a quiet workspace. Its compact form factor also suits telecommunications gear and precision medical instrumentation requiring low-vibration airflow.

Supplemental Images

