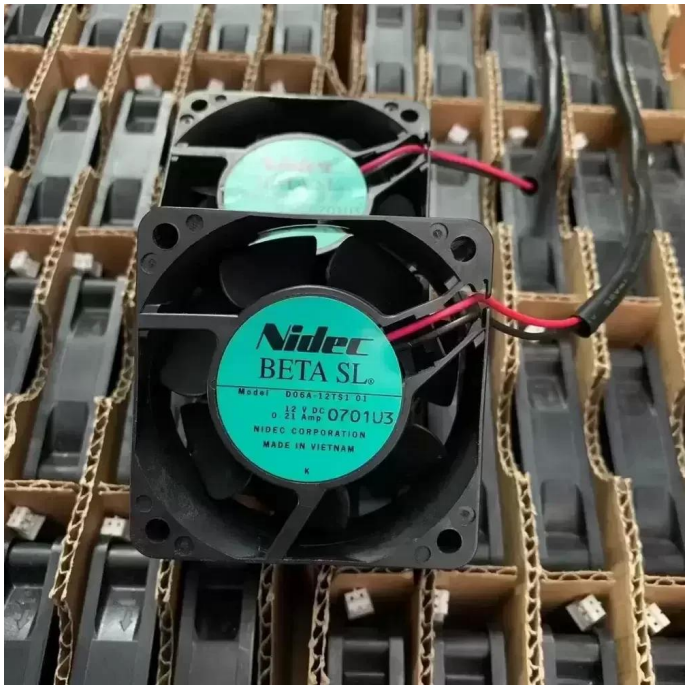
D06A-12TS1 Nidec 12VDC 60mm Axial Fan Datasheet



Brand: Nidec

SKU: 913171424449

Category: Axial & Centrifugal Fans

Price: **$15.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page: https://www.equipspares.com/product/d06a-12ts1-nidec-12vdc-60mm-axial-fan

Product Description

The Nidec D06A-12TS1 is a precision-engineered axial cooling fan designed for high-reliability industrial thermal management. Utilizing advanced DC brushless motor technology, this unit delivers consistent airflow performance while maintaining optimal energy efficiency. The fan features a robust housing structure that ensures structural rigidity under continuous operation, minimizing vibration and resonance. Its bearing architecture is selected to reduce friction and extend operational lifespan, making it suitable for critical cooling applications where downtime is unacceptable. The aerodynamic blade design optimizes static pressure capabilities, effectively overcoming thermal impedance in dense electronic enclosures such as variable frequency drives and industrial control systems.

Model Number: D06A-12TS1
Brand: Nidec
Product Type: Axial Fan
Rated Voltage: 12VDC
Rated Current: 0.21 A
Power Consumption: 2.52 W
Dimensions: 60mm Frame Size
Motor Type: DC Brushless
Bearing Type: Ball Bearing
Termination: Lead Wires

Housing Material: Plastic (UL94V-0)
Blade Material: Plastic (UL94V-0)
Application: Inverter Cooling, Industrial Control
Condition: New Original

The D06A-12TS1 is frequently deployed in demanding industrial environments, specifically engineered for cooling Fuji variable frequency drives and other power electronics. In server rack applications, the D06A-12TS1 provides essential airflow to prevent thermal throttling of sensitive components. Its compact form factor allows for integration into tight spaces within CNC machinery and industrial control units (ICUs). Maintenance teams rely on the D06A-12TS1 for its proven durability in 24/7 operational cycles, ensuring that critical automation equipment remains within safe thermal limits.

Supplemental Images