# D06F-21SH Nidec 21VDC 60x60x25mm Centrifugal Blower Datasheet


**Brand:** Nidec

**SKU:** 990451524005

**Category:** Axial & Centrifugal Fans

**Price:** **$11.99**

**E-mail:** sales@equipspares.com

**Web:** https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/d06f-21sh-nidec-21vdc-60x60x25mm-centrifugal-blower

## Product Description

The Nidec D06F-21SH is a specialized Centrifugal Blower engineered for high-impedance cooling applications requiring concentrated airflow. Utilizing advanced DC motor technology and a precision bearing system, this unit delivers exceptional reliability and reduced thermal impedance in compact environments. The aerodynamic volute design optimizes static pressure generation, making it ideal for overcoming system resistance in dense electronic enclosures. Constructed with high-grade thermoplastic for structural rigidity, the fan ensures stable operation under continuous loads.

Model Number: D06F-21SH
Brand: Nidec
Product Type: Centrifugal Blower
Rated Voltage: 21 VDC
Rated Current: 0.20 A
Input Power: 4.20 W
Dimensions: 60 x 60 x 25 mm
Termination: 3-Wire (Lead Wire)
Bearing Type: Precision Ball Bearing
Max. Air Flow: 11.3 CFM (19.2 $m^3/h$)
Max. Static Pressure: 16.5 $mmH_2O$ (161 Pa)
Housing Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)
Operating Temperature: -10°C to +70°C
Speed Control: Tachometer Output
Mounting: Flange Mount
Life Expectancy: 50,000 Hours at 40°C
Noise Level: 38.0 dB(A)

The D06F-21SH is frequently integrated into high-density server racks and telecommunications equipment where directed airflow is critical for thermal management. Engineers rely on the D06F-21SH for spot cooling in industrial automation systems, 3D printers, and medical instrumentation requiring consistent static pressure. Its compact form factor allows for seamless installation in restricted spaces within power supply units and projector systems.

## Supplemental Images