D07F-12SS13 09HZ Nidec 12VDC 75x75x30mm Cooling Fan Datasheet

Brand: Nidec

SKU: 918568610204

Category: Axial & Centrifugal Fans

Price: **$12.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/d07f-12ss13-09hz-nidec-12vdc-75x75x30mm-cooling-fan

Product Description

The Nidec D07F-12SS13 09HZ is a specialized DC cooling fan engineered for demanding thermal applications requiring substantial airflow in restricted spaces. Built with Nidec's renowned motor technology, this unit ensures efficient heat dissipation through optimized aerodynamic blade geometry, reducing thermal impedance in high-density electronics. The device operates on a 12VDC platform with a current draw of 0.42A, indicating a high-torque motor profile suitable for overcoming system resistance. Its structural integrity is maintained through a durable frame design, while the integrated 3-wire interface provides essential tachometric feedback for active system monitoring. This component is specifically calibrated for reliability in consumer and industrial appliances.

Model Number: D07F-12SS13 09HZ
Brand: Nidec
Product Type: DC Cooling Fan
Rated Voltage: 12 VDC
Voltage Range: 10.2 - 13.8 VDC
Rated Current: 0.42 A
Power Consumption: 5.04 W
Dimensions: 75 x 75 x 30 mm
Termination: 3-Wire Lead
Wire Length: 200 mm

Connector Type: 3-Pin Header
Speed Control: Tachometer Signal
Housing Material: Reinforced Thermoplastic (UL94V-0)
Blade Material: Reinforced Thermoplastic
Mounting Orientation: Any
Operating Temperature: -10°C to +70°C
Application: Projectors, Dryers, Disinfection Cabinets

The D07F-12SS13 09HZ is extensively utilized in compact thermal management systems where space constraints and heat density are critical factors. Common deployment environments include high-lumen projectors, where efficient cooling is vital for lamp longevity, as well as disinfection cabinets and commercial dryers requiring consistent air movement. The D07F-12SS13 09HZ ensures critical components remain within safe operating temperature ranges, preventing thermal throttling in multimedia equipment and ensuring hygiene standards in sterilization devices.

Supplemental Images


Nidec
GAMMA2B
Model D07F-12SS13 09HZ
12 V DC 2927FVS
0.42 A
NIDEC CORPORATION
MADE IN CHINA