

D06R-12TH Nidec 12V DC Axial Fan 60x15mm

SKU: D06R-12TH

Price: \$9.99

Categories: Fans

Tags: Nidec

Product Link:

<https://www.elecspares.com/product/d06r-12th-nidec-12v-dc-axial-fan-60x15mm/>

Product Description

The Nidec D06R-12TH is a high-speed DC Axial Fan with dimensions of 60 x 60 x 15 mm. It operates on a nominal voltage of 12 VDC and draws a current of 0.16 A, resulting in 1.92 W of power input. This fan operates at a high speed of approximately 5000 RPM, delivering a strong estimated airflow of 30.0 m³/h (17.7 CFM) with a medium noise level of 32 dBA. It utilizes a durable 2 Ball Bearing system and typically features a Tachometer output for monitoring. It is designed for compact, high-performance cooling applications like CPU heat sinks and embedded systems.

D06R-12TH Fan Parameters

Model: D06R-12TH

Manufacturer: Nidec Corporation

Type: DC Axial Fan

Dimensions: 60 x 60 x 15 mm

Nominal Voltage: 12 VDC

Current Draw: 0.16 A

Power Input: 1.92 W

Speed: 5000 RPM

Airflow: 30.0 m³/h (17.7 CFM)

Static Pressure: 0.18 inAq

Noise Level: 32 dBA

Motor Bearing: 2 Ball Bearing

Termination: 3 Wires (Tachometer/Sensor Type)

Service Life: 30000 hours (L10 at 40°C)

Application

The D06R-12TH fan from Nidec is a compact, high-speed solution designed for effective spot

cooling and heat sink removal in space-constrained electronic assemblies. Its high RPM and 0.18 inAq static pressure are ideal for pushing air through restrictive components like CPU coolers, graphics card cooling assemblies, network switches, and other high-density embedded systems.

Product Images



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