

T80T12MS3A7-52 Nidec 12V DC Axial Fan 80mm

SKU: T80T12MS3A7-52

Price: \$9.99

Categories: Fans

Tags: Nidec

Product Link:

<https://www.electspares.com/product/t80t12ms3a7-52-nidec-12v-dc-axial-fan-80mm/>

Product Description

The Nidec T80T12MS3A7-52 is a high-performance DC Axial Fan with dimensions of 80 x 80 x 25 mm. It operates on a nominal voltage of 12 VDC. The fan achieves a speed of 3300 RPM, consuming 3.24 W of power and drawing a maximum current of 0.27 A. It delivers a maximum air flow of 64.6 m³/h (38.0 CFM) and a maximum static pressure of 27.4 Pa (0.11 inAq). This fan features a durable Ball Bearing system and is primarily used for cooling critical components in projectors and projection systems.

T80T12MS3A7-52 Fan Parameters

Model: T80T12MS3A7-52

Manufacturer: Nidec Corporation

Type: DC Axial Fan

Dimensions (measuring): 80 x 80 x 25 mm

Nominal Voltage: 12 VDC

Voltage Range: 10.8 VDC ~ 13.2 VDC

Speed: 3300 RPM

Power Consumption: 3.24 W

Current Draw: 0.27 A

Max. Airflow: 64.6 m³/h (38.0 CFM)

Max. Static Pressure: 27.4 Pa (0.11 inAq)

Noise Level: 33.0 dB(A)

Weight: 0.085 kg

Housing Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Number of Blades: 7

Bearing Type: Ball Bearing

Motor Design: Brushless DC Motor

Motor Protection: Locked Rotor Protection, Auto-Restart

Termination: 3 Wire Leads

Monitor Output: Yes (Tachometer/FG)

Service Life L10 at 40 °C: 50000 h

Min. Ambient Temperature: -10 °C

Max. Ambient Temperature: 70 °C

Approvals: UL, CE

Application

The Nidec T80T12MS3A7-52 fan is specifically designed for thermal management in sensitive optical and electronic equipment. Primary applications for the T80T12MS3A7-52 include cooling the light engine, lamp or LED module, and control boards within projectors and projection systems, where its balanced airflow and low noise level are critical for reliable performance.

Product Images



Scan for product details:

