

D1225C12B6AP-37 Nidec Servo 12VDC 120mm Silent Axial Fan Datasheet



Brand: Nidec

SKU: [917233302639](#)

Category: Axial & Centrifugal Fans

Price: **\$17.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/d1225c12b6ap-37-nidec-servo-12vdc-120mm-silent-axial-fan>

Product Description

The Nidec Servo D1225C12B6AP-37 is a precision-engineered Axial Fan belonging to the renowned Gentle Typhoon series, designed to deliver exceptional static pressure with minimal acoustic signature. This unit utilizes a sophisticated Double Ball Bearing architecture, ensuring superior structural rigidity and reduced friction for extended operational longevity. The impeller features a unique swept-blade design with a stabilizing ring, which significantly reduces air turbulence and enhances aerodynamic efficiency, making it ideal for overcoming high thermal impedance in restricted environments. The motor assembly is optimized for 12VDC operation, providing a balanced ratio of airflow to power consumption while maintaining low vibration levels through precise balancing.

Model Number: D1225C12B6AP-37

Brand: Nidec Servo

Series: Gentle Typhoon

Product Type: Axial Fan

Rated Voltage: 12 VDC

Operating Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.123 A

Input Power: 1.48 W

Rated Speed: 2150 RPM

Bearing Type: Double Ball Bearing
Max. Air Flow: 63.0 CFM (107 m³/h)
Max. Static Pressure: 2.30 mmH₂O (22.55 Pa)
Dimensions: 120 x 120 x 25 mm
Weight: 200 g
Noise Level: 28.0 dB(A)
Life Expectancy: 100,000 Hours at 35°C
Housing Material: PBT (UL94V-0)
Impeller Material: ABS (UL94V-0)
Termination: Lead Wires
Operating Temperature: -10°C to +70°C
Mounting Orientation: Any
Ingress Protection: IP5X

The D1225C12B6AP-37 is specifically engineered for applications requiring high static pressure, making it a premier choice for liquid cooling radiators and dense heatsinks where airflow resistance is significant. Its robust double ball bearing system allows for reliable continuous operation in workstation chassis, server racks, and industrial automation equipment. The D1225C12B6AP-37 also excels in precision electronics cooling, such as in medical devices or telecommunications gear, where maintaining a low noise floor without compromising thermal performance is critical.

Supplemental Images

