

D1225C12GT2150-P Scythe 12VDC 120mm PWM Axial Fan Datasheet



SKU: [1015446000230](#)

Category: Axial & Centrifugal Fans

Price: **\$19.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/d1225c12gt2150-p-scythe-12vdc-120mm-pwm-axial-fan>

Product Description

The Scythe D1225C12GT2150-P is a high-precision Axial Fan originally engineered by Nidec Servo, renowned for its exceptional balance of static pressure and acoustic performance under the Gentle Typhoon series. This unit incorporates a robust Double Ball Bearing architecture, designed to minimize frictional coefficients and ensure long-term rotational stability under continuous operation. The aerodynamic design features a specialized swept-blade impeller configuration that reduces air turbulence and tonal noise, optimizing thermal impedance in high-resistance applications. Constructed with high structural rigidity to dampen vibration, the fan supports Pulse Width Modulation (PWM) signal control, allowing for dynamic speed regulation and precise thermal management in sensitive electronic environments.

Model Number: D1225C12GT2150-P

Brand: Scythe (Nidec Servo OEM)

Product Type: Axial Fan

Series: Gentle Typhoon

Rated Voltage: 12VDC

Operating Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.13 A

Input Power: 1.56 W

Rated Speed: 2150 RPM

Bearing Type: Double Ball Bearing

Max. Air Flow: 68.0 CFM (115.5 m³/h / 1.92 m³/min)

Max. Static Pressure: 2.3 mmH₂O (22.5 Pa / 0.09 inH₂O)

Dimensions: 120x120x25mm

Weight: 200 g

Noise Level: 28.0 dBA

Speed Control: PWM (Pulse Width Modulation)

Termination: 4-Pin Connector

Wire Configuration: +12V, Ground, Tachometer, PWM

Impeller Material: Reinforced Plastic

Frame Material: PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Life Expectancy: 100,000 Hours at 35°C

Mounting Orientation: Any

This cooling component is specifically optimized for applications requiring high static pressure, such as liquid cooling radiators and dense CPU heatsinks where the D1225C12GT2150-P effectively penetrates restricted airflow channels. It is widely utilized in high-performance computing workstations, server rack chassis, and industrial automation enclosures that demand reliable thermal dissipation without excessive acoustic resonance. The precise PWM control of the D1225C12GT2150-P also makes it suitable for medical devices and telecommunications equipment where variable cooling profiles are necessary to maintain component longevity.

Supplemental Images

