

D1225C12GT5400-P Scythe 12VDC 120x120x25mm 1.14A Axial Fan Datasheet



SKU: [1014182561732](#)

Category: Axial & Centrifugal Fans

Price: **\$34.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/d1225c12gt5400-p-scythe-12vdc-120x120x25mm-1-14a-axial-fan>

Product Description

The Scythe D1225C12GT5400-P is a high-performance Axial Fan engineered in collaboration with Nidec Servo, belonging to the renowned Gentle Typhoon series. This unit utilizes a specialized double ball bearing architecture and a high-torque DC motor to deliver exceptional rotational stability and longevity under continuous load. The fan features a unique impeller design with a large motor hub and swept blades, specifically optimized to generate high static pressure while mitigating the high-frequency noise spectrum typically associated with high-speed operation. Its structural rigidity is reinforced to minimize vibration transfer, making it an ideal solution for applications requiring substantial thermal impedance reduction and focused airflow delivery in dense environments.

Model Number: D1225C12GT5400-P

Brand: Scythe (Nidec Servo)

Product Type: Axial Fan

Series: Gentle Typhoon (High Speed)

Rated Voltage: 12 VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 1.14 A

Power Consumption: 13.68 W

Rated Speed: 5400 RPM

Bearing Type: Double Ball Bearing

Max. Air Flow: 150.0 CFM (254.8 m³/h / 4.25 m³/min)

Max. Static Pressure: 15.24 mmH₂O (149.5 Pa / 0.60 inH₂O)

Dimensions: 120 x 120 x 25 mm

Weight: 205 g

Life Expectancy: 100,000 Hours at 35°C

Speed Control: PWM (Pulse Width Modulation)

Noise Level: 50.5 dBA

Termination: 4-Wire Lead with Connector

Housing Material: PBT (UL94V-0)

Blade Material: ABS Plastic

Operating Temperature: -10°C to +70°C

Storage Temperature: -25°C to +70°C

Mounting Orientation: Any

Ingress Protection: Standard IP20

Motor Protection: Locked Rotor Protection, Polarity Protection

The D1225C12GT5400-P is specifically designed for high-density thermal management scenarios where overcoming airflow resistance is critical. Common applications include server chassis cooling, high-performance workstation radiators, and industrial cabinet ventilation. The high static pressure capabilities of the D1225C12GT5400-P make it particularly effective for pushing air through restrictive heatsinks, dense filters, and tightly packed electronic enclosures found in telecommunications and CNC machinery.

Supplemental Images

