D1225C12B6AS-54 SERVO 12VDC 120x120x25mm Axial Fan Datasheet

SKU: 974637248189

Category: Axial & Centrifugal Fans

Price: **$25.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/d1225c12b6as-54-servo-12vdc-120x120x25mm-axial-fan

Product Description

The SERVO D1225C12B6AS-54 is a precision-engineered Axial Fan belonging to the renowned Gentle Typhoon series, designed to deliver exceptional aerodynamic performance. This unit features a specialized impeller geometry with swept blades that significantly reduces air turbulence and acoustic noise while maintaining high static pressure, effectively lowering thermal impedance in dense electronic enclosures. The motor assembly utilizes a robust Double Ball Bearing architecture, ensuring exceptional structural rigidity and prolonged operational lifespan under continuous load. Its optimized blade curvature delivers superior airflow efficiency, making it an ideal solution for applications requiring a critical balance between acoustic signature and thermal dissipation.

Model Number: D1225C12B6AS-54
Brand: SERVO (Nidec)
Series: Gentle Typhoon
Product Type: Axial Fan
Rated Voltage: 12V DC
Voltage Range: 10.2 - 13.8 VDC
Rated Current: 0.123 A
Power Consumption: 1.48 W
Rated Speed: ~2150 RPM (Estimated based on Current)
Bearing Type: Double Ball Bearing

Max. Air Flow: ~69 CFM (117 m^3/h)
Max. Static Pressure: ~2.3 mmH_2O (22.5 Pa)
Dimensions: 120 x 120 x 25 mm
Life Expectancy: 100,000 Hours at 35°C
Termination: 3-Wire (Lead Wires)
Speed Control: Tachometer Output (RPM Signal)
Housing Material: PBT (UL94V-0)
Impeller Material: ABS/PBT Alloy
Operating Temperature: -10°C to +70°C
Origin: Vietnam
Mounting Orientation: Any

The D1225C12B6AS-54 is engineered for versatility, serving as a critical component in high-performance computing environments and industrial control cabinets. Its high static pressure capabilities make the D1225C12B6AS-54 particularly effective for forcing air through restrictive mediums such as radiator fins, heatsinks, and filtered server chassis intake vents. Additionally, this unit is suitable for telecommunications equipment and precision medical instrumentation where reliable thermal management is paramount to system stability.

Supplemental Images


SERVO
NIDEC SERVO CORPORATION
GentleTyphoon
D1225C12B6AS-54
DC12V
0.123A
T.P.
US
MADE IN VIETNAM
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