

XXD1202524VH Xingxinda 24VDC 120x120x25mm 0.15A Axial Fan Datasheet



SKU: [922307660082](#)

Category: Axial & Centrifugal Fans

Price: **\$6.99**

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Product Description

The Xingxinda XXD1202524VH is a precision-engineered DC axial fan designed for critical thermal management in industrial chassis environments. Utilizing a robust DC brushless motor architecture, this unit ensures consistent airflow delivery while maintaining optimal thermal impedance across the system. The 120mm frame is constructed for structural rigidity, minimizing vibration-induced noise during operation. Engineered with a specialized impeller profile, the XXD1202524VH optimizes aerodynamic efficiency, providing reliable static pressure capabilities. Its 2-wire configuration simplifies integration into standard power circuits, making it an ideal solution for maintaining component longevity through effective heat dissipation in demanding electronic assemblies.

Model Number: XXD1202524VH

Brand: Xingxinda

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Operating Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.15 A

Input Power: 3.60 W

Rated Speed: 2200 RPM

Max. Air Flow: 72.5 CFM (123.1 m³/h)

Max. Static Pressure: 3.8 mmH₂O (37.2 Pa / 0.15 inH₂O)

Dimensions: 120 x 120 x 25 mm

Termination: 2-Wire Lead

Housing Material: PBT Plastic (UL94V-0)

Blade Material: PBT Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Bearing Type: Hydro Dynamic / Ball Bearing

Noise Level: 36.0 dB(A)

Weight: 150 g

Life Expectancy: 40,000 Hours @ 40°C

The XXD1202524VH is frequently deployed in industrial automation cabinets and server rack enclosures where reliable continuous cooling is mandatory. Its standard form factor allows for seamless retrofitting in power supply units, CNC control panels, and telecommunications equipment requiring sustained airflow. Engineers often select the XXD1202524VH for workstation chassis and electronic instrumentation cooling, ensuring that sensitive components remain within safe operating temperature ranges to prevent thermal throttling or hardware failure.

Supplemental Images

