FD124028EB-P Y.S.TECH 12VDC 40x40x28mm Xtreme Axial Fan Datasheet

Brand: Y.S.TECH

SKU: 1000683545706

Category: Axial & Centrifugal Fans

Price: **$15.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/fd124028eb-p-y-s-tech-12vdc-40x40x28mm-xtreme-axial-fan

Product Description

The Y.S.TECH FD124028EB-P is a high-performance DC axial fan designed for applications requiring substantial airflow and static pressure within a compact footprint. Part of the Xtreme series, this unit integrates advanced motor technology with a durable ball bearing system to maintain operational stability at high rotational speeds. The aerodynamic blade geometry is engineered to reduce thermal impedance while overcoming system resistance in densely packed electronic enclosures. Built with industrial-grade materials, the fan ensures structural rigidity and reliable thermal management in demanding environments.

Model Number: FD124028EB-P
Brand: Y.S.TECH
Product Type: DC Axial Fan
Series: Xtreme
Rated Voltage: 12 VDC
Voltage Range: 7.0 - 13.2 VDC
Rated Current: 0.78 A
Input Power: 9.36 W
Rated Speed: 13500 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 24.5 CFM (41.6 m^3/h / 0.69 m^3/min)

Max. Static Pressure: 26.5 mmH_2O (260 Pa / 1.04 inH_2O)
Dimensions: 40 x 40 x 28 mm
Weight: 48 g
Life Expectancy: 70,000 Hours @ 40°C
Termination: 3-Wire with Connector
Speed Control: Tachometer Signal
Housing Material: PBT (UL94V-0)
Impeller Material: PBT (UL94V-0)
Operating Temperature: -10°C to +70°C
Mounting Orientation: Any

The FD124028EB-P is widely utilized in enterprise-grade hardware, specifically excelling in 1U server racks and high-density storage arrays where space is limited but cooling demands are critical. Additionally, the FD124028EB-P serves as a robust thermal solution for industrial automation equipment, CNC machinery, and telecommunications infrastructure, providing the necessary airflow to prevent thermal throttling in continuous-duty cycles.

Supplemental Images