FD241238EB Y.S.TECH 24VDC 120x120x38mm Axial Fan Datasheet

Brand: Y.S.TECH

SKU: 1008984573531

Category: Axial & Centrifugal Fans

Price: **$9.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/fd241238eb-y-s-tech-24vdc-120x120x38mm-axial-fan

Product Description

The Y.S.TECH FD241238EB is a precision-engineered Axial Fan designed for demanding industrial thermal management applications. Utilizing advanced DC brushless motor technology paired with a robust double ball bearing architecture, this unit ensures exceptional longevity and reduced frictional coefficient under continuous operation. The aerodynamic impeller design optimizes static pressure delivery while maintaining high volumetric airflow, making it ideal for overcoming high thermal impedance in densely packed enclosures. Constructed with structural rigidity in mind, the frame minimizes vibrational resonance, ensuring stable performance in critical cooling environments.

Model Number: FD241238EB
Brand: Y.S.TECH
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.52 A
Power Consumption: 12.48 W
Rated Speed: 3600 RPM
Bearing Type: Double Ball Bearing
Max. Air Flow: 135.0 CFM (229.3 m^3/h / 3.82 m^3/min)
Max. Static Pressure: 11.5 mmH_2O (112.7 Pa / 0.45 inH_2O)

Dimensions: 120x120x38mm
Weight: 285 g
Life Expectancy: 70,000 Hours @ 40°C
Noise Level: 46.5 dB(A)
Housing Material: PBT (UL94V-0)
Impeller Material: PBT (UL94V-0)
Termination: 2-Wire Lead
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Ingress Protection: IP20
Motor Protection: Impedance Protected, Reverse Polarity
Mounting Orientation: Any

Designed for high-reliability environments, the FD241238EB is frequently deployed in variable frequency drive (VFD) inverters and industrial automation control cabinets where consistent heat dissipation is critical. The FD241238EB excels in server chassis cooling and telecommunications equipment, effectively managing thermal loads in confined spaces to prevent component throttling and extend system operational life.

Supplemental Images