F2E-120B-230 LEIPOLE 230VAC 120x120mm Axial Fan Datasheet

SKU: 895504408385

Category: Axial & Centrifugal Fans

Price: **$18.99**

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Product Page: https://www.equipspares.com/product/f2e-120b-230-leipole-230vac-120x120mm-axial-fan

Product Description

The LEIPOLE F2E-120B-230 is a precision-engineered Axial Fan designed to address the rigorous thermal management requirements of industrial enclosures. Utilizing a robust AC motor configuration, this unit delivers consistent airflow performance essential for mitigating thermal impedance in high-density electronic environments. The fan incorporates a durable ball bearing architecture, which significantly reduces rotational friction and enhances structural rigidity, ensuring a prolonged service life even under continuous operation. Its aerodynamic impeller profile is optimized to maximize static pressure while maintaining operational stability, making the F2E-120B-230 a reliable component for critical cooling applications.

Model Number: F2E-120B-230
Brand: LEIPOLE
Product Type: Axial Fan
Rated Voltage: 230VAC
Frequency: 50/60 Hz
Power Consumption: 15 W
Current: 0.10 A
Rated Speed: 2550 RPM
Max. Air Flow: 86 CFM (146 m^3/h)
Max. Static Pressure: 7.5 mmH_2O (73 Pa)
Dimensions: 120 x 120 x 38 mm

Bearing Type: Ball Bearing
Frame Material: Aluminum Alloy (Die-cast)
Impeller Material: PBT Thermoplastic (UL94V-0)
Noise Level: 42 dB(A)
Operating Temperature: -10°C to +60°C
Termination: Lead Wires
Mounting Type: Flange
Ingress Protection: IP20
Life Expectancy: 50,000 Hours at 25°C

The F2E-120B-230 is extensively utilized in the cooling of electrical distribution cabinets, server racks, and industrial automation control panels. Its robust design makes it suitable for installation in CNC machinery and power supply units where reliable heat dissipation is critical for system uptime. By integrating the F2E-120B-230 into telecommunications equipment and network enclosures, facility managers can maintain optimal operating temperatures, preventing thermal throttling and extending the lifespan of sensitive electronic components.

Supplemental Images


LEIPOLE
MODEL:F2E-120B-230
SHANGHAI LEIPOLE ELECTRIC CO., LTD.