

5E-230B Bi-Sonic 230VAC 172x150x55mm Metal Axial Fan Datasheet



Brand: Bi-Sonic

SKU: 906155996902

Category: Axial & Centrifugal Fans

Price: **\$92.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/5e-230b-bi-sonic-230vac-172x150x55mm-metal-axial-fan>

Product Description

The Bi-Sonic 5E-230B is a heavy-duty AC Axial Fan engineered for rigorous industrial thermal management and high-static pressure environments. Constructed with a robust aluminum die-cast frame and a high-temperature resistant metal impeller, this unit offers superior structural rigidity and durability compared to plastic alternatives. The motor assembly utilizes a precision ball bearing architecture to minimize friction and thermal impedance, ensuring extended operational life under continuous load. Featuring a specialized 4-wire configuration with an RD (Rotation Detector) alarm signal, this fan provides critical failure monitoring capabilities essential for safeguarding mission-critical electronics.

Model Number: 5E-230B

Brand: Bi-Sonic

Product Type: AC Axial Fan

Rated Voltage: 230 VAC

Frequency: 50/60 Hz

Power: 46/44 W

Rated Speed: 2700/3100 RPM

Max. Air Flow: 235 CFM (399 m³/h / 6.65 m³/min)

Max. Static Pressure: 16.5 mmH₂O (161 Pa / 0.65 inH₂O)

Bearing Type: Dual Ball Bearing

Dimensions: 172 x 150 x 55 mm

Frame Material: Aluminum Die-Cast (Black Coating)

Impeller Material: Metal

Features: RD Alarm (Rotation Detector), Impedance Protected

Termination: 4-Wire Lead

Operating Temperature: -30°C to +80°C

Life Expectancy: 50,000 Hours at 25°C

Weight: 1100 g

Designed for high-density industrial applications, the 5E-230B provides reliable airflow for server cabinets, telecommunications racks, and heavy-duty machinery. Its all-metal construction makes the 5E-230B particularly suitable for UPS systems and power supply units where high ambient temperatures and mechanical stability are required, effectively preventing thermal saturation in enclosed spaces.

Supplemental Images

