

A47-B15A-23T3-100 Globe Motors 230VAC 120x120x38mm Axial Fan Datasheet



SKU: [844015234466](#)

Category: Axial & Centrifugal Fans

Price: **\$34.99**

E-mail: sales@equipspares.com

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Product Description

The Globe Motors A47-B15A-23T3-100 is a precision-engineered AC Axial Fan designed for demanding industrial thermal management applications. Utilizing a robust shaded pole motor architecture, this unit ensures consistent airflow delivery while maintaining optimal thermal impedance under continuous operation. The construction features a die-cast aluminum housing which provides superior structural rigidity and effective heat dissipation, complemented by UL94V-0 rated thermoplastic impellers designed for aerodynamic efficiency. Engineered for reliability, the A47-B15A-23T3-100 integrates a high-grade bearing system to minimize friction and extend operational service life in fluctuating ambient temperatures, making it a staple in critical electronic cooling systems.

Model Number: A47-B15A-23T3-100

Brand: Globe Motors

Product Type: AC Axial Fan

Rated Voltage: 230 VAC

Frequency: 50/60 Hz

Voltage Range: 207 - 253 VAC

Input Power: 15 / 14 W

Rated Current: 0.11 / 0.09 A

Rated Speed: 2700 / 3100 RPM

Bearing Type: Precision Ball Bearing

Max. Air Flow: 97.0 / 117.0 CFM (164.8 / 198.7 m³/h)

Max. Static Pressure: 8.63 / 8.89 mmH₂O (84.6 / 87.1 Pa / 0.34 / 0.35 inH₂O)

Dimensions: 119 x 119 x 38 mm

Weight: 550 g (1.21 lbs)

Life Expectancy: 60,000 Hours at 40°C

Noise Level: 44 / 48 dBA

Housing Material: Die-Cast Aluminum (Black Painted)

Impeller Material: PBT Thermoplastic (UL94V-0)

Termination: Terminals (Flat Pin 2.8 x 0.5 mm)

Motor Protection: Impedance Protected

Insulation Class: Class B

Dielectric Strength: 1500 VAC for 1 minute

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +80°C

Mounting Orientation: Any

Certifications: UL, CSA, TUV, CE

This cooling solution is widely utilized in industrial automation cabinets, server rack ventilation, and power supply units requiring dependable heat dissipation. The A47-B15A-23T3-100 excels in telecommunications equipment and medical instrumentation where consistent airflow is critical for component longevity. Additionally, the A47-B15A-23T3-100 is frequently deployed in CNC machinery control panels and HVAC auxiliary systems, ensuring stable operating temperatures for sensitive electronics.

Supplemental Images

