

# UF-16FC23BTHDP1 Fulltech 230VAC 160x160x62mm Axial Fan Datasheet



**Brand:** Fulltech

**SKU:** 705234060777

**Category:** Axial & Centrifugal Fans

**Price:** **\$214.29**

---

**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

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

---

Product Page:

<https://www.equipspares.com/product/uf-16fc23bthdp1-fulltech-230vac-160x160x62mm-axial-fan>

---

## Product Description

---

The Fulltech UF-16FC23BTHDP1 is a robust AC Axial Fan engineered for high-demand industrial thermal management and hazardous environments. Utilizing a precision Dual Ball Bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous load. The motor assembly features a capacitor-run induction design, housed within a die-cast aluminum frame that provides superior structural rigidity and effective heat dissipation. Its aerodynamic impeller profile is optimized to maximize airflow while maintaining stable static pressure, effectively reducing thermal impedance in densely populated enclosures. This model incorporates specialized potting for enhanced ingress protection, making it suitable for applications requiring explosion-proof or moisture-resistant characteristics.

Model Number: UF-16FC23BTHDP1

Brand: Fulltech

Product Type: AC Axial Fan

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Voltage Range: 207 - 253 VAC

Rated Current: 0.23 / 0.21 A

Power: 46 / 41 W

Rated Speed: 2700 / 3100 RPM

Bearing Type: Dual Ball Bearing  
Max. Air Flow: 224 / 260 CFM (380 / 441 m<sup>3</sup>/h)  
Max. Static Pressure: 14.5 / 18.0 mmH<sub>2</sub>O (142 / 176 Pa)  
Dimensions: 160 x 160 x 62 mm  
Weight: 1.4 kg  
Life Expectancy: 40,000 Hours at 40°C  
Frame Material: Die-Cast Aluminum (Black)  
Blade Material: Thermoplastic PBT (UL94V-0)  
Ingress Protection: IP55 (Moisture/Dust Protected)  
Noise Level: 53 / 56 dB(A)  
Termination: Terminal Block  
Operating Temperature: -20°C to +70°C  
Storage Temperature: -40°C to +80°C  
Motor Protection: Thermal Impedance Protected  
Safety Certifications: CE, UL, TUV, RoHS  
Mounting Orientation: Any

This cooling solution is widely utilized in industrial automation sectors, specifically for maintaining optimal operating temperatures in server racks, control cabinets, and power supply units. The UF-16FC23BTHDP1 excels in environments requiring consistent airflow to prevent component overheating in CNC machinery and telecommunications infrastructure. Additionally, the rugged construction and protective features of the UF-16FC23BTHDP1 make it suitable for medical instrumentation and heavy-duty ventilation systems where reliability in harsh conditions is paramount.

## Supplemental Images

---

