

UF-16FC23BTHD Fulltech 230VAC 160x160x62mm Axial Fan Datasheet



Brand: Fulltech

SKU: [704825560238](#)

Category: Axial & Centrifugal Fans

Price: **\$171.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/uf-16fc23bthd-fulltech-230vac-160x160x62mm-axial-fan>

Product Description

The Fulltech UF-16FC23BTHD is a robust AC Axial Fan engineered for high-demand industrial cooling applications requiring sustained airflow and durability. Utilizing a capacitor-run induction motor paired with a precision dual ball bearing architecture, this unit ensures minimal rotational friction and extended operational longevity under continuous loads. The design features a die-cast aluminum housing which provides superior structural rigidity and aids in thermal dissipation. Its aerodynamic impeller geometry is optimized to reduce turbulence while maximizing static pressure capabilities, effectively lowering thermal impedance in dense electronic enclosures and power systems.

Model Number: UF-16FC23BTHD

Brand: Fulltech

Product Type: AC Axial Fan

Rated Voltage: 230 VAC

Frequency: 50/60 Hz

Voltage Range: 207 - 253 VAC

Rated Current: 0.25 / 0.21 A

Power Input: 46 / 41 W

Rated Speed: 2700 / 3100 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 330 / 380 CFM (560 / 645 m³/h)

Max. Static Pressure: 16.0 / 20.0 mmH₂O (157 / 196 Pa)

Dimensions: 160x160x62mm

Weight: 1.5 kg

Noise Level: 56 / 60 dB(A)

Housing Material: Die-Cast Aluminum (Black)

Blade Material: Thermoplastic PBT (UL94V-0)

Termination: Terminal Type

Operating Temperature: -20°C to +70°C

Storage Temperature: -40°C to +80°C

Life Expectancy: 40,000 Hours (at 40°C)

Motor Protection: Thermal Protected

Insulation Class: Class B

Safety Approval: UL, cUL, TUV, CE

The UF-16FC23BTHD is specifically designed for critical thermal management in industrial automation and power distribution systems. Common deployment scenarios include cooling large-scale server racks, variable frequency drive (VFD) cabinets, and heavy-duty CNC machinery control panels where consistent airflow is paramount. The UF-16FC23BTHD also serves effectively in heat exchangers and telecommunication base stations, ensuring component stability by rapidly evacuating waste heat from enclosed environments.

Supplemental Images

