UF-18JC23 BTHD FULLTECH 230VAC 180x180x65mm AC Axial Fan Datasheet

Brand: Fulltech

SKU: 949866627132

Category: Axial & Centrifugal Fans

Price: **$164.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/uf-18jc23-bthd-fulltech-230vac-180x180x65mm-ac-axial-fan

Product Description

The FULLTECH UF-18JC23 BTHD is a robust AC Axial Fan engineered for high-demand industrial environments requiring superior thermal management. Utilizing advanced AC induction motor technology paired with a precision dual ball bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous duty cycles. The aerodynamic impeller design optimizes airflow dynamics to reduce thermal impedance within enclosed systems while maintaining high static pressure. Constructed with a die-cast aluminum frame for high structural rigidity, it maintains stability under thermal stress, making it an ideal solution for critical cooling applications requiring consistent performance and durability.

Model Number: UF-18JC23 BTHD
Brand: FULLTECH
Product Type: AC Axial Fan
Rated Voltage: 230 VAC
Frequency: 50/60 Hz
Power Input: 75/72 W
Rated Current: 0.30/0.28 A
Rated Speed: 2800/3250 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 340/380 CFM (9.6/10.7 m^3/min)

Max. Static Pressure: 19.0/21.5 mmH_2O (186/210 Pa)
Dimensions: 180 x 180 x 65 mm
Weight: 1.65 kg
Life Expectancy: 50,000 Hours at 25°C
Noise Level: 62/65 dBA
Frame Material: Aluminum Die-Cast
Impeller Material: Thermoplastic PBT (UL94V-0)
Termination: Terminal Type
Operating Temperature: -20°C to +70°C
Storage Temperature: -40°C to +80°C
Motor Protection: Thermal Protected
Insulation Resistance: >100M Ohm at 500VDC
Dielectric Strength: 1500VAC for 1 Minute
Mounting Orientation: Any
Certifications: CE, UL, TUV, RoHS

Designed for rigorous thermal regulation, the UF-18JC23 BTHD is frequently deployed in industrial automation cabinets and large-scale server racks where efficient heat dissipation is critical. Its robust construction allows for seamless integration into CNC machinery control panels, power supply units, and welding machines requiring sustained high-volume airflow. The UF-18JC23 BTHD ensures reliable cooling for telecommunications infrastructure and medical instrumentation, effectively preventing thermal throttling in sensitive electronic components and maintaining system integrity in harsh operating conditions.

Supplemental Images


FULLTECH
MODEL UF-18JC23 BTHD
AC 230 V 50/60Hz
75/72 W BALL BEARING
Thermally-Protected
FULLTECH ELECTRIC CO., LTD.
MADE IN TAIWAN