FB063-6EK.41.V4P Ziehl-Abegg 230VAC 630mm IP54 Axial Fan Datasheet

Brand: Ziehl-Abegg

SKU: 987950834176

Category: Axial & Centrifugal Fans

Price: **$433.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/fb063-6ek-41-v4p-ziehl-abegg-230vac-630mm-ip54-axial-fan

Product Description

The Ziehl-Abegg FB063-6EK.41.V4P is a high-efficiency axial fan engineered for demanding industrial ventilation and cooling applications. Utilizing advanced external rotor motor technology, this unit delivers optimal aerodynamic performance with reduced acoustic emissions. The 630mm impeller is precision-balanced to minimize vibration, ensuring long-term structural rigidity and operational reliability. Designed with a robust IP54 enclosure, the motor is protected against dust ingress and splashing water, making it suitable for harsh environments. The system features low thermal impedance and high efficiency, significantly reducing energy consumption while maintaining consistent airflow. This single-phase AC fan integrates seamlessly into complex HVAC systems, providing superior thermal management and durability.

Model Number: FB063-6EK.41.V4P
Brand: Ziehl-Abegg
Product Type: Axial Fan
Rated Voltage: 230 VAC
Frequency: 50 Hz
Phase: 1-Phase
Rated Power: 0.63 kW
Rated Speed: 860 RPM
Max. Air Flow: 6768 CFM (11500 m^3/h / 191.6 m^3/min)

Max. Static Pressure: 0.60 inH_2O (150 Pa / 15.3 mmH_2O)
Blade Diameter: 630 mm
Bearing Type: Ball Bearing
Ingress Protection: IP54
Motor Technology: AC External Rotor
Number of Poles: 6
Insulation Class: F
Blade Material: Sheet Steel / Aluminum
Operating Temperature: -25°C to +65°C
Mounting Orientation: Any
Termination: Terminal Box
Weight: 14.5 kg

The FB063-6EK.41.V4P is widely utilized in large-scale air conditioning systems, refrigeration condensers, and evaporators where reliable air movement is critical. In agricultural ventilation, the FB063-6EK.41.V4P ensures consistent climate control for livestock and greenhouse operations. Additionally, this model serves as a primary cooling component in industrial heat exchangers and transformer cooling arrays, offering durability in continuous duty cycles.

Supplemental Images


ZIEHL-ABEGG
57201306
43093510
FB063-6EK.41.V4P
1- 230V±10% 50Hz P1 0,63kW 40°C
3,0A DI=0% 860rpm 12uF/400V
THCL155 Ip54
13 Kg
20/45
Mada by Zieni-Abegg