ZN071-SDL.6K.V7P1 ZIEHL-ABEGG 400V 980W 710mm Axial Fan Datasheet

Brand: Ziehl-Abegg

SKU: 936385585331

Category: Axial & Centrifugal Fans

Price: **$1,700.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/zn071-sdl-6k-v7p1-ziehl-abegg-400v-980w-710mm-axial-fan

Product Description

ZIEHL-ABEGG ZN071-SDL.6K.V7P1 710 mm 400 V 980 W axial fan is a high-performance ventilation unit utilizing a ZAplus nozzle system constructed from high-strength composite materials with integrated guide vanes and a short diffuser to optimize airflow and acoustics. The impeller consists of six sickle-shaped blades designed with bionic principles to minimize noise emissions while maintaining high static pressure. The unit is powered by an AC internal rotor motor, dynamically balanced in two planes for vibration-free operation, and carries an IP 54 protection rating for environmental resistance. The structural design includes a corrosion-resistant nozzle and a motor suspension system optimized for high running uniformity and extended service life.

ZN071-SDL.6K.V7P1 Specifications
Model: ZN071-SDL.6K.V7P1
Brand: ZIEHL-ABEGG
Article Number: 180826/10K4
Fan Type: Axial Fan
Series: ZAplus
Nominal Voltage: 400 V
Phase: 3 ~
Frequency: 50/60 Hz
Input Power: 980 W

Rated Current: 2.4 A
Rated Speed: 920 min^{-1}
Air Flow Volume: 17022 m^3/h
Duct Diameter: 710 mm
Max. Ambient Temperature: 70 °C
Min. Ambient Temperature: -35 °C
Protection Class: IP 54
Thermal Class: THCL 155
Weight: 34.20 kg
Blade Material: Composite
Nozzle Material: High-performance composite
Number of Blades: 6
Blade Design: Bionic sickle-shaped
Motor Type: AC internal rotor
Certifications: ErP 2015, CE, VDE, UL, CCC
Mounting: ZAplus nozzle with integrated guide vanes

ZN071-SDL.6K.V7P1 Applications

Primary applications include integration into transformer cooling systems, industrial refrigeration units, and large-scale HVAC condensers. Deployed within heat recovery ventilation systems, data center cooling arrays, and agricultural climate control machinery.

Supplemental Images


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