

FN071-SDK.6F.V7P1 Ziehl-Abegg 400VAC 710mm Axial Fan Datasheet



Brand: Ziehl-Abegg

SKU: [958922776489](#)

Category: Axial & Centrifugal Fans

Price: **\$754.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/fn071-sdk-6f-v7p1-ziehl-abegg-400vac-710mm-axial-fan>

Product Description

The Ziehl-Abegg FN071-SDK.6F.V7P1 is a robust industrial axial fan engineered for high-efficiency thermal management in precision air conditioning systems. Utilizing advanced AC external rotor motor technology coupled with a 7-blade sickle-shaped impeller, this unit optimizes aerodynamic performance while minimizing acoustic resonance. The construction features die-cast aluminium blades and a rotor designed for superior structural rigidity and long-term durability under continuous load. Its thermal impedance characteristics are managed via a THCL 155 insulation class, ensuring stability in demanding environments. The fan integrates a 3-phase motor configuration, providing reliable torque and efficient airflow delivery for critical cooling infrastructure.

Model Number: FN071-SDK.6F.V7P1

Brand: Ziehl-Abegg

Product Type: Axial Fan

Article Number: 57206403 / 157206

Rated Voltage: 400 V

Phase: 3~ (Three Phase)

Frequency: 50 / 60 Hz

Connection Type: Star / Delta (Y/D)

Power Input: 680 W / 460 W

Rated Current: 1.45 A / 0.82 A

Max. Current: 1.60 A
Rated Speed: 900 RPM / 700 RPM
Max. Air Flow: 13600 m³/h (8004 CFM)
Max. Static Pressure: 140 Pa
Fan Diameter: 710 mm
Blade Material: Die-cast Aluminium
Number of Blades: 7
Bearing Type: Ball Bearing
Motor Protection: Thermal contact
Ingress Protection: IP54
Insulation Class: THCL 155
Permissible Ambient Temperature: -40°C to +70°C
Weight: 22.5 kg
Mounting Position: Shaft horizontal or bottom down
Compliance: CE, ErP 2015
Direction of Airflow: V (Suction over struts)

Designed specifically for precision climate control, the FN071-SDK.6F.V7P1 is frequently deployed in data center cooling units and industrial process refrigeration. Its high-volume airflow capabilities make it ideal for large-scale condensers and heat exchangers where consistent thermal dissipation is mandatory. The FN071-SDK.6F.V7P1 ensures operational continuity in telecom base stations and clean room HVAC systems, maintaining optimal temperatures for sensitive electronic equipment.

Supplemental Images

