

# FN091-SDK.6N.V7P2 Ziehl-Abegg 400VAC 910mm Axial Fan Datasheet



**Brand:** Ziehl-Abegg

**SKU:** [847994352255](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$1,428.99**

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Product Page:

<https://www.equipspares.com/product/fn091-sdk-6n-v7p2-ziehl-abegg-400vac-910mm-axial-fan>

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## Product Description

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The Ziehl-Abegg FN091-SDK.6N.V7P2 is a high-efficiency Axial Fan engineered for rigorous industrial thermal management and precision climate control systems. Utilizing an advanced AC external rotor motor integrated with a bionic sickle-blade profile, this unit optimizes aerodynamic efficiency while significantly reducing acoustic resonance and turbulence. The construction features high-grade die-cast aluminum blades and a robust housing, ensuring exceptional structural rigidity and thermal stability under continuous operational loads. Designed with a 6-pole configuration, it delivers superior airflow dynamics and low thermal impedance, making it a critical component for large-scale HVAC infrastructure requiring consistent performance and extended service life.

Model Number: FN091-SDK.6N.V7P2

Brand: Ziehl-Abegg

Product Type: Axial Fan

Rated Voltage: 400VAC

Phase: 3-Phase

Frequency: 50/60 Hz

Diameter: 910mm

Motor Technology: AC External Rotor

Poles: 6

Bearing Type: Ball Bearing

Blade Design: Sickle-shaped (Profiled)

Material: Die-cast Aluminum

IP Rating: IP54

Thermal Class: THCL 155

Operating Temperature: -40°C to +70°C

Mounting Orientation: Any

Compliance: CE, UL

Application: Canatal Air Conditioning Units

Condition: New

The FN091-SDK.6N.V7P2 is specifically calibrated for high-capacity environmental control systems, frequently deployed in precision air conditioning units for data centers and server farms. This model serves as a primary cooling solution in Canatal air conditioning infrastructure, ensuring optimal operating temperatures for sensitive telecommunications equipment. Beyond IT cooling, the FN091-SDK.6N.V7P2 is utilized in industrial ventilation, condenser units, and large-scale heat exchangers where consistent, high-volume airflow is mandatory for system integrity.

## Supplemental Images

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**ZIEHL-ABEGG** 57201419  
±10% D/Y 50Hz P1 1,85/1,05kW 70°C  
DI=0% 840/630rpm COSY 0,70  
±10% D/Y 60Hz P1 2,40/1,15kW 50°C  
A DI=0% 870/580rpm COSY 0,80  
V ±10% D/Y 60Hz P1 2,80/1,45kW 40°C  
2A DI=0% 950/660rpm COSY 0,77  
-155 IP54

FN091-SDK.6N.V7P2

36 kg  
21/13  
Made by ZIEHL-ABEGG 