

# FN063-VDK.6N.V7P7 ZIEHL-ABEGG 400V 630mm AC Axial Fan

**SKU:** FN063-VDK.6N.V7P7

**Price:** \$840.52

**Categories:** Fans

**Tags:** Ziehl-Abegg

**Product Link:**

<https://www.electspares.com/product/fn063-vdk-6n-v7p7-ziehl-abegg-400v-630mm-ac-axial-fan/>

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## Product Description

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The ZIEHL-ABEGG FN063-VDK.6N.V7P7 is a high-performance 400VAC three-phase AC Axial Fan featuring 630 mm specialized aerodynamic sickle-shaped aluminum blades and a high-torque external rotor motor, specifically engineered for mission-critical cooling in Industrial Frequency Converters and specialized AHU systems. Driven by a precision-balanced motor with maintenance-free ball bearings and moisture/hot climate protection, this 32.00 kg unit operates at 400 VAC / 50 Hz using a Delta/Star (D/Y) connection to provide dual-speed flexibility, delivering a Max. Power Consumption of 2.70 / 1.75 kW and a Max. Current Draw of 5.00 / 3.00 A at a rated speed of 1330 / 1040 RPM. This High-performance unit features a specialized aerodynamic 7-blade aluminum impeller achieving a Max. Air Flow of 15200.0 / 12100.0 m<sup>3</sup>/h (8946.3 / 7121.7 CFM / 253.33 / 201.67 m<sup>3</sup>/min) and a Max. Static Pressure of 25.50 / 15.30 mmH<sub>2</sub>O (250.0 / 150.0 Pa / 1.00 / 0.60 inAq). Featuring a "Made in Germany" robust construction with integrated thermal contacts (TB) for motor protection and a jet black powder-coated suspension (RAL 9005), this IP54-rated fan is optimized for environments requiring high reliability and high-capacity airflow in industrial VFD systems at the end.

FN063-VDK.6N.V7P7 Fan Parameters

Model Number: FN063-VDK.6N.V7P7

Manufacturer: ZIEHL-ABEGG

Article Number: 169439

Type: Axial fan with sickle blades

Impeller Size: 630 mm

Weight: 32.00 kg

Origin: Made in Germany

Bearing Type: Ball bearing (Long-time lubrication)

Phase: 3~

Nominal Voltage: 400 VAC

Voltage Range: 360 - 440 VAC

Connection Type: Delta / Star (D/Y)

Frequency: 50 Hz

Max. Current Draw: 5.00 / 3.00 A

Max. Power Consumption: 2.70 / 1.75 kW

Rated Speed: 1330 / 1040 RPM

Power Factor (cos  $\phi$ ): 0.77

Max. Air Flow: 8946.3 / 7121.7 CFM (15200.0 / 12100.0 m<sup>3</sup>/h / 253.33 / 201.67 m<sup>3</sup>/min)

Max. Static Pressure: 25.50 / 15.30 mmH<sub>2</sub>O (250.0 / 150.0 Pa / 1.00 / 0.60 inAq)

Working Air Flow: 15200.0 / 12100.0 m<sup>3</sup>/h

Static Pressure Increase: 250.0 / 150.0 Pa

Motor Protection: Thermal contact (TB) integrated

Insulation Class: Thermal class 155 (Class F / THCL 155)

Degree of Protection: IP54

Number of Blades: 7

Direction of Rotation: Clockwise (viewed toward rotor)

Impeller Material: Aluminium

Rotor Material: Aluminium

Ambient Temperature (Max.): 60 °C

Min. Operating Temperature: -40 °C

Standard Compliance: ErP 2015 ( $\eta_{statA}$ : 36.3%); CE

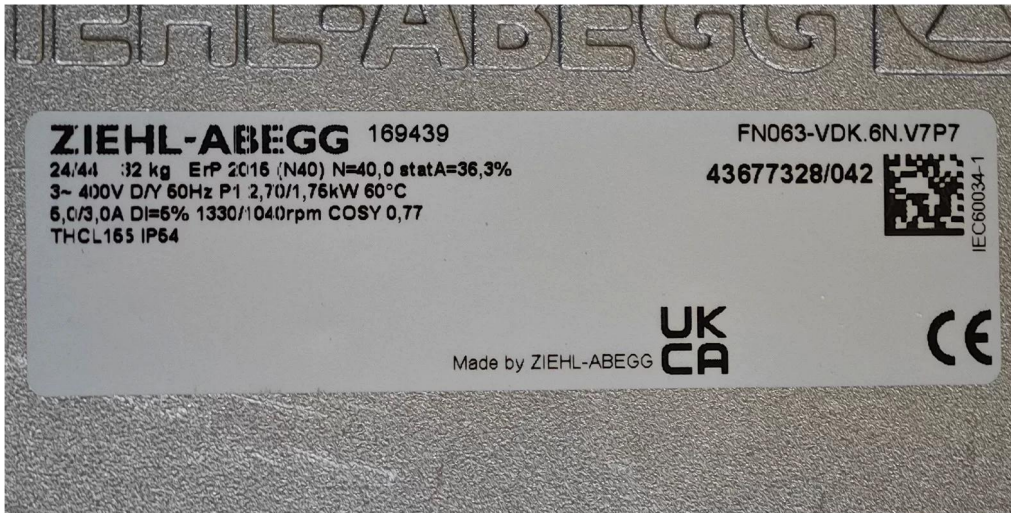
#### Application

The ZIEHL-ABEGG FN063-VDK.6N.V7P7 axial fan is the primary cooling component for industrial frequency converters, large condensers, and ventilation modules requiring dual-speed airflow and high reliability in 400V three-phase environments.

## Product Images

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Scan for product details:

