FN040-VDK.0F.V7P2 ZIEHL-ABEGG 400V AC Axial Fan

SKU: FN040-VDK.0F.V7P2

Price: $392.48

Categories: Fans

Tags: Ziehl-Abegg

Product Link:
https://www.elecspares.com/product/fn040-vdk-0f-v7p2-ziehl-abegg-400v-ac-axial-fan/

Product Description

The ZIEHL-ABEGG FN040-VDK.0F.V7P2 is a high-efficiency 3-phase AC Axial Fan measuring 400 mm in diameter, featuring bionic sickle blades for low noise and optimal airflow. It is rated for 3~400 V, 50 Hz operation with Δ/Y connection to provide two distinct operating points. The high-speed point (Δ connection) has a power input of 0.26 kW and current of 0.50 A at 1,340 RPM, while the low-speed point (Y connection) consumes 0.18 kW at 0.29 A with a speed of 1,020 RPM. With a Max. Static Pressure of 119 Pa and IP54 protection, this fan is a robust and flexible solution for a wide range of demanding ventilation, air conditioning, and cooling applications.

Fan Parameters
Manufacturer: ZIEHL-ABEGG
Model: FN040-VDK.0F.V7P2
Article No.: 156244
Type: Axial Fan (FE2owlet Series, with sickle blades)
AC/DC: AC
Phase: 3~
Voltage: 400 V±10%
Frequency: 50 Hz
Connection: Δ/Y (Delta/Star)
Dimensions: 400 mm (Duct diameter)
Max. Static Pressure: 119 Pa
Max. Airflow: 4,400 m3/h
Max. permitted conveyor temperature: 70 °C
Min. permitted conveyor temperature: −40 °C

Thermal Class: THCL155
Protection: IP54
Motor protection: Thermal contact
Number of poles: 4
Number of blades: 7
Blades material: High Performance Composite Material, uncoated, black
Rotor material: Aluminium, 1 coat paint, black
Weight: 7 kg

Performance Data (Dual Operating Points at 400 V,50 Hz)
High Speed Point (Δ Connection)
Speed: 1,340 RPM
Current: 0.50 A
Power: 0.26 kW
Suction side sound power level: 74 dB (Approx.)

Low Speed Point (Y Connection)
Speed: 1,020 RPM
Current: 0.29 A
Power: 0.18 kW
Suction side sound power level: 67 dB (Approx.)

Application
HVAC systems, industrial and commercial refrigeration and air conditioning, heat exchangers, and demanding ventilation applications where highly efficient, fully speed-controllable air flow and low noise emissions are required.

Product Images

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