FN050-ZIK.DC.V7P2 Ziehl-Abegg 400VAC 500mm Axial Fan Datasheet

Brand: Ziehl-Abegg

SKU: 1004923892817

Category: Axial & Centrifugal Fans

Price: **$3,192.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/fn050-zik-dc-v7p2-ziehl-abegg-400vac-500mm-axial-fan

Product Description

The Ziehl-Abegg FN050-ZIK.DC.V7P2 is a high-efficiency Axial Fan designed for demanding industrial thermal management. It features the signature FE2owlet blade geometry, optimizing aerodynamics to reduce noise while maximizing airflow. Built with a robust external rotor motor and precision ball bearings, this unit ensures low thermal impedance and exceptional structural rigidity under continuous operation. The die-cast aluminum construction provides durability in harsh environments, making it suitable for HVAC and refrigeration systems requiring consistent static pressure and volume.

Model Number: FN050-ZIK.DC.V7P2
Brand: Ziehl-Abegg
Product Type: Axial Fan
Rated Voltage: 400 VAC
Voltage Range: 380 - 480 VAC
Phase: 3-Phase
Frequency: 50 / 60 Hz
Rated Current: 1.45 A
Power Input: 680 W
Rated Speed: 1380 RPM
Bearing Type: Ball Bearing

Max. Air Flow: 5120 CFM (8700 m^3/h)
Max. Static Pressure: 0.60 inH_2O (150 Pa)
Blade Diameter: 500mm
Weight: 14 kg
Life Expectancy: 40,000 Hours @ 40°C
Ingress Protection: IP54
Insulation Class: THCL 155
Blade Material: Die-cast Aluminum (FE2owlet)
Operating Temperature: -40°C to +70°C
Motor Protection: Thermal Overload Protector (TOP)
Mounting Orientation: Any
Certifications: CE, UL, CCC

The FN050-ZIK.DC.V7P2 is engineered for critical heat dissipation in large-scale industrial applications. It is frequently deployed in commercial refrigeration condensers, heat pumps, and evaporators where consistent airflow is paramount. Additionally, the FN050-ZIK.DC.V7P2 serves effectively in transformer cooling systems, agricultural ventilation, and general HVAC air handling units, ensuring reliable performance in temperature-sensitive environments.

Supplemental Images


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