K2E225-AB92-09 ebmpapst 230VAC 225mm Centrifugal Fan Datasheet

Brand: ebmpapst

SKU: 893355279533

Category: Axial & Centrifugal Fans

Price: **$359.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/k2e225-ab92-09-ebmpapst-230vac-225mm-centrifugal-fan

Product Description

The ebmpapst K2E225-AB92-09 is a precision-engineered centrifugal fan designed for high-demand thermal management within industrial inverter systems. Utilizing an advanced AC external rotor motor, this unit delivers exceptional aerodynamic efficiency while maintaining structural rigidity under continuous operation. The impeller geometry is optimized to minimize turbulence and reduce thermal impedance, ensuring rapid heat dissipation in confined enclosures. Featuring robust ball bearing architecture, the K2E225-AB92-09 ensures longevity and reliability, making it a critical component for maintaining optimal operating temperatures in Siemens variable frequency drives and power electronics.

Model Number: K2E225-AB92-09
OEM Part Number: 6SL3362-0AF00-0AA1
Brand: ebmpapst
Product Type: Centrifugal Fan / Motorized Impeller
Rated Voltage: 230 VAC
Frequency: 50 / 60 Hz
Rated Current: 0.64 / 0.88 A
Power Consumption: 145 / 200 W
Rated Speed: 2550 / 2700 RPM
Impeller Diameter: 225 mm

Bearing Type: Ball Bearing
Motor Type: AC External Rotor Motor
Phase: Single Phase
Capacitor: 5 µF
Max. Air Flow: 1200 m^3/h (Approximate)
Impeller Material: PA Plastic (Glass-fiber reinforced)
Direction of Rotation: Clockwise (viewed toward rotor)
Insulation Class: F
Ingress Protection: IP44
Operating Temperature: -25°C to +60°C
Mounting: Motorized Impeller
Application: Siemens Inverter Cooling

The K2E225-AB92-09 is specifically engineered for forced-air cooling in high-power industrial electronics, most notably serving as the primary cooling solution for Siemens frequency inverters and variable speed drives. Its compact motorized impeller design allows for seamless integration into server cabinets, renewable energy inverters, and large-scale HVAC control panels where space is at a premium. By effectively managing thermal loads, the K2E225-AB92-09 prevents overheating in critical automation hardware, ensuring system stability in manufacturing plants and data centers.

Supplemental Images