K2E225-RB92-09 ebm-papst 230VAC 210W 225mm Centrifugal Fan Datasheet

Brand: ebmpapst

SKU: 1047245208396

Category: Axial & Centrifugal Fans

Price: **$642.86**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/k2e225-rb92-09-ebm-papst-230vac-210w-225mm-centrifugal-fan

Product Description

ebm-papst K2E225-RB92-09 225 mm diameter, 230 VAC nominal voltage, 210 W power input, and 2600 RPM rotational speed. This AC centrifugal fan features a RadiCal backward-curved impeller constructed from glass-fiber reinforced PA plastic, driven by an M2E068-DF single-phase external rotor motor. The unit incorporates dual ball bearings and an integrated thermal overload protector wired internally for motor safety. The housing-less design utilizes a 7-blade impeller geometry optimized for aerodynamic efficiency and low noise emission, achieving insulation class F and IP 44 protection.

K2E225-RB92-09 Specifications
Model: K2E225-RB92-09
Brand: ebm-papst
Motor: M2E068-DF
Phase: 1 ~
Nominal Voltage: 230 VAC
Frequency: 50 / 60 Hz
Speed: 2500 / 2600 RPM
Power Consumption: 155 / 210 W
Current Draw: 0.68 / 0.92 A
Capacitor: 3.5 µF

Capacitor Voltage: 450 VDB
Max. Ambient Temperature: 70 °C
Min. Ambient Temperature: -25 °C
Air Flow: 705 m^3/h
Static Pressure Increase: 320 Pa
Impeller Diameter: 225 mm
Number of Blades: 7
Impeller Material: PA plastic, glass-fiber reinforced
Rotor Surface: Painted black
Direction of Rotation: Clockwise
Degree of Protection: IP 44
Insulation Class: F
Bearing: Ball bearing
Weight: 3.3 kg
Approvals: CE, UL 2111, CSA C22.2 No. 77, EAC, VDE

K2E225-RB92-09 Applications

Primary applications include integration into Siemens SINAMICS frequency inverter cooling systems, server rack thermal management units, and precision air conditioning modules. Deployed within industrial control cabinets and telecommunications base station ventilation assemblies to maintain optimal operating temperatures for power electronics.

Supplemental Images