

K2E250-AH38-16 ebmpapst SK3244.110 Rittal 115V Filter Fan

SKU: K2E250-AH38-16

Price: \$394.95

Categories: Fans

Tags: ebmpapst, Rittal

Product Link:

<https://www.elecspares.com/product/k2e250-ah38-16-ebmpapst-sk3244-110-rittal-115v-filter-fan/>

Product Description

The ebmpapst K2E250-AH38-16 AC Diagonal Flow Fan operates at 115 V AC and is the main cooling component in the Rittal SK 3244.110 Filter Fan Unit, measuring approximately 250 mm in size. The fan is a single-phase (1~) unit with a ball bearing system, providing a high unimpeded airflow of 700 m³/h at 50 Hz and 770 m³/h at 60 Hz. Its key electrical specifications include a rated power of 100 W (50 Hz) and 145 W (60 Hz), and a current draw of 0.9 A (50 Hz) and 1.25 A (60 Hz). With an IP44 protection rating and a wide operating temperature range from -30 °C to 55 °C, it is ideal for industrial enclosure climate control and cooling of electronic equipment to maintain system stability.

K2E250-AH38-16 Fan Parameters

Model: K2E250-AH38-16

Manufacturer: ebmpapst

Type: Diagonal Flow Fan

Motor: M2E068-DF

Nominal Voltage: 115 V AC

Frequency: 50/60 Hz

Phase: 1~

Speed: 2600 RPM (50 Hz) / 2750 RPM (60 Hz)

Power Consumption: 100 W (50 Hz) / 145 W (60 Hz)

Current Draw: 0.9 A (50 Hz) / 1.25 A (60 Hz)

Starting Current: 1.78 A (50 Hz) / 1.7 A (60 Hz)

Airflow (Unimpeded): 700 m³/h (50 Hz) / 770 m³/h (60 Hz)

Noise Level: 65 dB(A) (50 Hz) / 66 dB(A) (60 Hz)

Protection Class: IP44

Insulation Class: B

Motor Protection: Thermal Overload Protector (TOP) internally connected

Bearing Type: Ball Bearing

Rotor Surface: Unpainted

Impeller Material: PA plastic

Number of Blades: 5

Direction of Rotation: Clockwise, viewed toward rotor

Capacitor: 8 μ F

Capacitor Voltage: 250 VDB

Weight: 3.1 kg

Maximum Ambient Temperature: 55 °C

Minimum Ambient Temperature: -30 °C

Application

The K2E250-AH38-16 fan is primarily designed for high-performance enclosure climate control and industrial electronics cooling. It is a crucial OEM component, most notably used within the Rittal SK 3244.110 TopTherm Filter Fan Unit to provide consistent, pressure-stable airflow for cooling switchgear cabinets, control panels, and automation systems.

Product Images







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