

K2D250-AH06-06 ebmpapst SK3244.140 Rittal 400/460V AC Centrifugal Fan

SKU: K2D250-AH06-06

Price: \$415.80

Categories: Fans

Tags: ebmpapst, Rittal

Product Link:

<https://www.electspares.com/product/k2d250-ah06-06-ebmpapst-sk3244-140-rittal-400-460v-ac-centrifugal-fan/>

Product Description

The ebmpapst K2D250-AH06-06 is a robust AC Centrifugal Fan (also referred to as a diagonal fan) designed to deliver high-pressure stability and airflow. It is commonly integrated into the Rittal SK 3244.140 TopTherm Filter Fan Unit for industrial enclosure ventilation. The fan operates on a dual-frequency, three-phase voltage, with a power consumption of 93 W at 50 Hz (400 V AC) and 140 W at 60 Hz (460 V AC). It utilizes a high-efficiency M2D068-DF motor and achieves speeds up to 2930 min⁻¹. The fan unit, including a filter mat, is rated with an IP 54 degree of protection and is suitable for continuous operation in ambient temperatures from –30 °C to 55 °C.

K2D250-AH06-06 Fan Parameters

Manufacturer: ebmpapst

Model: K2D250-AH06-06

Type: AC Centrifugal Fan (Diagonal)

Nominal Voltage: 400 V (50 Hz) / 460 V (60 Hz) AC

Phase: 3~

Frequency: 50/60 Hz

Current Draw: 0.17 A (50 Hz) / 0.21 A (60 Hz)

Input Power: 93 W (50 Hz) / 140 W (60 Hz)

Speed: 2580 min⁻¹ (50 Hz) / 2930 min⁻¹ (60 Hz)

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

Noise Level: 67 dB(A) (50 Hz) / 70 dB(A) (60 Hz)

Bearing Type: Ball Bearing

Fan Diameter (Impeller): 250 mm

Impeller Material: PA plastic

Degree of Protection (Fan): IP44

Min. Ambient Temperature: -30 °C

Max. Ambient Temperature: 55 °C

Application

This fan model is primarily used in Rittal TopTherm Filter Fan Units (SK 3244.140) for enclosure climate control and ventilation. It is ideal for dissipating heat loss and protecting temperature-sensitive components within industrial control panels, switchgear cabinets, and various electronic enclosures where a high degree of pressure stability and reliable continuous air throughput are required.

Product Images







Scan for product details:

