

R2E225-AX52-05 ebmpapst 230V AC Centrifugal Fan

SKU: R2E225-AX52-05

Price: \$224.27

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/r2e225-ax52-05-ebmpapst-230v-ac-centrifugal-fan/>

Product Description

The ebmpapst R2E225-AX52-05 is an AC Centrifugal Fan measuring 225 mm in diameter and operating on 230 VAC. As a dual-frequency unit, its performance varies: at 50 Hz, it achieves a speed of 2700 RPM, drawing 0.51 A for 115 W of power, delivering a maximum airflow of 1015 m³/h and a maximum static pressure of 540 Pa. At 60 Hz, the fan accelerates to 3000 RPM, consuming 165 W at 0.72 A, reaching a maximum airflow of 1120 m³/h and a maximum static pressure of 740 Pa. This backward-curved, single-intake motorized impeller features an IP44 rating and Ball Bearing system, making it suitable for compact, high-pressure cooling in HVAC and industrial ventilation applications.

R2E225-AX52-05 Fan Parameters

Model: R2E225-AX52-05

Manufacturer: ebmpapst

Fan Type: AC Centrifugal Fan (Backward-Curved)

Dimensions: measuring 225×85 mm

Nominal Voltage: 230 VAC

Frequency: 50 Hz/60 Hz

Current Draw: 0.51 A (50 Hz)/0.72 A (60 Hz)

Power Input: 115 W (50 Hz)/165 W (60 Hz)

Rated Speed: 2700 RPM (50 Hz)/3000 RPM (60 Hz)

Maximum Airflow: 1015m³/h (50 Hz)/1120 m³/h (60 Hz)

Maximum Static Pressure: 540 Pa (50 Hz)/740 Pa (60 Hz)

Acoustical Noise: 72 dBA (50 Hz)/75 dBA (60 Hz)

Weight: 2.33 kg

Impeller Material: PA Plastic

Number of blades: 11

Motor: M2E068-DF

Bearing System: Ball Bearing

Ingress Protection: IP44

Insulation Class: B

Application

The ebmpapst R2E225-AX52-05 is engineered for ventilation systems requiring high pressure development, such as air conditioning units, heat exchangers, and central exhaust systems. Its reliable Ball Bearing design and IP44 rating ensure long-term, stable performance in challenging industrial and HVAC environments.

Product Images



