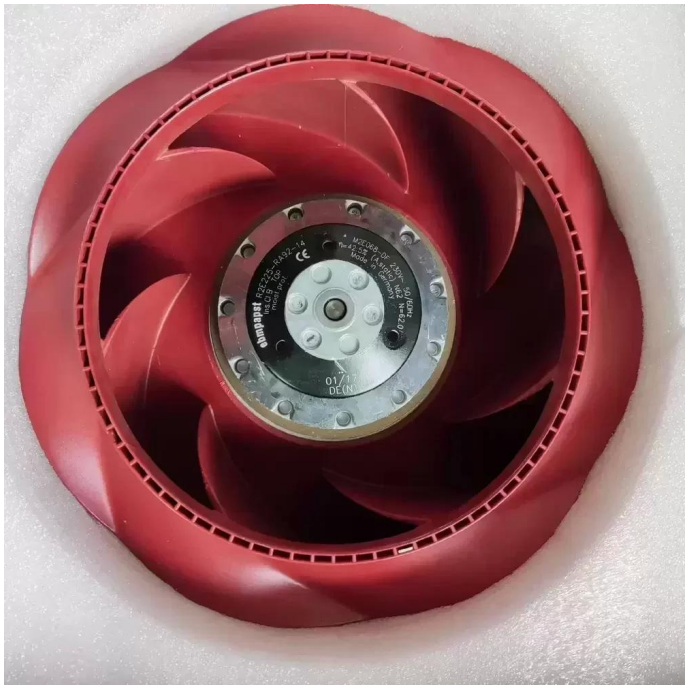
R2E225-RA92-14 ebmpapst 230VAC Ø225mm Centrifugal Fan Datasheet



Brand: ebmpapst

SKU: 702600173562

Category: Axial & Centrifugal Fans

Price: **$728.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/r2e225-ra92-14-ebmpapst-230vac-o225mm-centrifugal-fan

Product Description

The ebmpapst R2E225-RA92-14 is a high-efficiency backward curved centrifugal fan designed for demanding industrial thermal management applications. Engineered with an external rotor motor configuration (M2E068-DF), this unit integrates the motor directly into the impeller hub, optimizing compactness and cooling efficiency. The system utilizes precision ball bearings to ensure long-term operational stability and reduced frictional wear under continuous loads. Its aerodynamic profile features a fiberglass-reinforced polyamide impeller designed to minimize turbulence and acoustic noise while maximizing static pressure capabilities. The robust construction ensures structural rigidity and reliable performance in environments requiring consistent airflow and thermal regulation, supported by a thermal overload protector for enhanced safety.

Model Number: R2E225-RA92-14
Brand: ebmpapst
Product Type: Backward Curved Centrifugal Fan
Rated Voltage: 230 VAC
Frequency: 50 / 60 Hz
Rated Current: 0.68 A (50Hz) / 0.88 A (60Hz)
Power Consumption: 155 W (50Hz) / 200 W (60Hz)
Rated Speed: 2500 RPM (50Hz) / 2600 RPM (60Hz)
Max. Air Flow: 706 CFM (1200 m^3/h)

Max. Static Pressure: 1.85 inH_2O (460 Pa)
Bearing Type: Ball Bearing
Impeller Diameter: 225 mm
Weight: 2.3 kg
Motor Type: M2E068-DF
Capacitor: 3.5 µF / 450 VDB
Insulation Class: F
Ingress Protection: IP44
Impeller Material: PA6 Plastic (Fiberglass-reinforced)
Direction of Rotation: Clockwise (seen on rotor)
Operating Temperature: -25°C to +60°C
Motor Protection: Thermal Overload Protector (TOP)
Certifications: CE, CCC

The R2E225-RA92-14 is widely utilized in industrial ventilation systems where high pressure and reliable airflow are critical. Common deployments include cabinet cooling for telecommunications equipment, air filtration units, and industrial heat exchangers. The R2E225-RA92-14 is also frequently integrated into variable frequency drive cooling systems and medical technology devices requiring consistent thermal dissipation. Its compact design allows for seamless installation in constrained spaces within server racks and HVAC ductwork.

Supplemental Images


Depth of screw max. 5mm
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