

R2D225-RA26-15 ebmpapst 400/460V 225mm AC Centrifugal Fan

SKU: R2D225-RA26-15

Price: \$789.39

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/r2d225-ra26-15-ebmpapst-400-460v-225mm-ac-centrifugal-fan/>

Product Description

The ebmpapst R2D225-RA26-15 is a high-duty 400-460 V three-phase AC centrifugal fan featuring a 225 mm backward-curved impeller precision-fabricated from galvanized sheet steel. Driven by the high-torque M2D068-DF external rotor motor, this unit is engineered for powerful air displacement in industrial cooling systems, achieving speeds up to 2850 RPM. Designed for continuous S1 operation, it provides exceptional pressure stability and thermal durability with a high-performance Class F insulation system. This robust 3-phase solution is optimized for heavy-duty applications such as large-scale electronics cooling, industrial heat exchangers, and HVAC ventilation, ensuring reliable operation across demanding ambient conditions.

R2D225-RA26-15 Fan Parameters

Model Number: R2D225-RA26-15

Manufacturer: ebmpapst

Motor Model: M2D068-DF

Series: AC Centrifugal Series

Type: AC Centrifugal Fan (Backward-Curved)

Impeller Size: 225 mm

Dimensions: 225 x 225 x 99 mm

Bearing Type: Ball Bearing

Nominal Voltage: 400 VAC / 460 VAC

Voltage Range: 380 - 480 VAC

Phase: 3~

Frequency: 50 / 60 Hz

Weight: 2.2 kg

Input Power: 150 W (400V 50Hz) / 200 W (400V 60Hz) / 230 W (460V 60Hz)

Nominal Current: 0.27 A (400V 50Hz) / 0.33 A (400V 60Hz) / 0.33 A (460V 60Hz)
Speed: 2530 RPM (400V 50Hz) / 2700 RPM (400V 60Hz) / 2850 RPM (460V 60Hz)
Motor Design: 3-phase External Rotor Motor
Motor Protection: Thermal overload protector (TOP) wired internally
Insulation Class: Class F
Touch Current: < 0.75 mA
Termination: Variable cable
Max. Air Flow: 62.23 CFM (105.7 m³/h / 1.76 m³/min)
Max. Static Pressure: 9.81 mmH₂O (96.24 Pa / 0.39 inH₂O)
Number of Blades: 7
Direction of Rotation: Clockwise, viewed toward rotor
Airflow Direction: Radial (Single inlet)
Mode of Operation: S1 (Continuous operation)
Impeller Material: Sheet steel, galvanized
Rotor Surface: Painted black
Mounting Position: Any
Condensate Discharge Holes: None
Degree of Protection: IP44
Operating Temperature: -25 - +70 °C
Standard Compliance: EN 60335-1, CE
Approval Agency: VDE, CCC, EAC

Application

The ebmpapst R2D225-RA26-15 centrifugal fan is primarily utilized in electronic cabinet cooling, small air handling units, laboratory equipment ventilation, cleanroom filter units, and compact HVAC systems.

Product Images







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