

R2D225-RA26-11 ebmpapst 230VAC Ø225mm Centrifugal Fan Datasheet



Brand: ebmpapst

SKU: [1013123710651](#)

Category: Axial & Centrifugal Fans

Price: **\$192.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/r2d225-ra26-11-ebmpapst-230vac-o225mm-centrifugal-fan>

Product Description

The ebmpapst R2D225-RA26-11 is a high-efficiency backward curved centrifugal fan designed for demanding industrial applications requiring substantial airflow and pressure generation. Featuring a robust external rotor AC motor, this unit optimizes thermal impedance through advanced aerodynamic geometry, ensuring efficient heat dissipation even under heavy loads. The impeller is engineered for structural rigidity, minimizing vibration and acoustic noise during high-speed operation. Its durable bearing architecture supports continuous duty cycles, making it a reliable solution for critical cooling systems where consistent static pressure and long-term reliability are essential.

Model Number: R2D225-RA26-11

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Product Type: Backward Curved Centrifugal Fan

Rated Voltage: 230 VAC

Frequency: 50/60 Hz

Rated Power: 230 W

Rated Current: 1.05 A

Rated Speed: 2600 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 765.1 CFM (1300 m³/h / 21.6 m³/min)

Max. Static Pressure: 2.41 inH₂O (600 Pa)
Impeller Diameter: 225 mm
Dimensions: Ø 225 mm x 99 mm
Weight: 2.4 kg
Life Expectancy: 40,000 Hours @ 40°C
Motor Type: External Rotor AC Motor
Impeller Material: PA Plastic (Glass-fiber reinforced)
Insulation Class: Class F
Ingress Protection: IP44
Operating Temperature: -25°C to +60°C
Storage Temperature: -40°C to +80°C
Mounting Orientation: Any
Certifications: CE, UL, CSA
Termination: Lead Wires

The R2D225-RA26-11 is engineered for integration into complex industrial machinery where reliable heat dissipation is paramount. Common deployment scenarios include cabinet cooling, variable frequency drive (VFD) ventilation, and precision air handling units. The R2D225-RA26-11 excels in maintaining optimal operating temperatures for sensitive electronics in server racks and telecommunications infrastructure, ensuring system longevity and performance stability in harsh environments.

Supplemental Images

