

R2E120-AO16-09 ebmpapst 230V AC centrifugal fan

SKU: R2E120-AO16-09

Price: \$535.69

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/r2e120-ao16-09-ebmpapst-230v-ac-centrifugal-fan/>

Product Description

The ebmpapst R2E120-AO16-09 is a robust 120mm AC centrifugal fan specifically engineered for industrial thermal management. Operating on a 230V AC (50/60Hz) power supply, this fan efficiently draws 0.39A (50Hz) or 0.50A (60Hz), consuming 87W (50Hz) or 112W (60Hz). It achieves rotational speeds of 2300 RPM (50Hz) or 2200 RPM (60Hz), providing a maximum airflow of 160 m³/h (50Hz) or 180 m³/h (60Hz) and generating a maximum static pressure of 60 Pa (50Hz) or 70 Pa (60Hz). Built with a durable galvanized steel impeller and long-lasting ball bearings, this IP20-rated fan includes integral thermal overload protection, ensuring reliable and continuous operation in demanding environments such as injection molding machinery and frequency converters.

R2E120-AO16-09 Fan Parameters

Model Number: R2E120-AO16-09

Manufacturer: ebmpapst

Type: AC Centrifugal Fan (Backward-Curved Motorized Impeller)

Impeller Diameter: 120mm

Rated Voltage: 230 VAC

Frequency: 50 Hz / 60 Hz

Rated Current: 0.39A (50Hz) / 0.50A (60Hz)

Rated Power: 87 W (50Hz) / 112 W (60Hz)

Speed: 2300 RPM (50Hz) / 2200 RPM (60Hz)

Max. Airflow (free air): 160 m³/h (50Hz) / 180 m³/h (60Hz)

Max. Static Pressure (at 0 flow): 60 Pa (50Hz) / 70 Pa (60Hz)

Noise Level (LpA at 1m): 52 dB(A) (50Hz) / 55 dB(A) (60Hz)

Bearing Type: Ball Bearing

IP Rating: IP20

Impeller Material: Galvanized steel

Motor Type: M2E068-CF

Weight: 0.9 kg

Operating Temperature: -25°C to +80°C (50Hz) / -25°C to +65°C (60Hz)

Features: Thermal Overload Protected

Application: Electronic cooling, frequency converter industry, general ventilation, small machinery, control panels, injection molding machines.

Product Images







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