

R2D220-AC14-19 ebmpapst 400V AC Centrifugal Fan

SKU: R2D220-AC14-19

Price: \$392.26

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/r2d220-ac14-19-ebmpapst-400v-ac-centrifugal-fan/>

Product Description

The ebmpapst R2D220-AC14-19 is an AC centrifugal fan with overall dimensions of 252x252x90mm. It operates on a dual nominal voltage of 400/460VAC at both 50Hz and 60Hz frequencies. At 400V/50Hz, it draws 0.16A of current, consumes 74W of power, delivers an airflow of 850m³/h (500CFM), and achieves a static pressure of 100Pa, running at 2650RPM with a noise level of 60dB(A). At 460V/60Hz, its performance increases to 0.21A current, 98W power consumption, 1000m³/h (588CFM) airflow, 120Pa static pressure, and 2950RPM speed, with a noise level of 63dB(A). Featuring durable ball bearings and terminals for connection, it is constructed with a galvanized sheet steel housing and a PA plastic impeller, boasting an IP44 ingress protection rating. It is suitable for reliable operation within an ambient temperature range of -25 to 65°C and has a typical service life of 40,000hours at 40°C.

R2D220-AC14-19 Fan Parameters

Manufacturer: ebmpapst

Model: R2D220-AC14-19

Fan Type: AC Centrifugal Fan

Dimensions: 252 x 252 x 90 mm

Rated Voltage: 400/460 VAC

Frequency: 50 Hz / 60 Hz

Current Rating: 0.16 A (400V, 50Hz), 0.21 A (460V, 60Hz)

Power Consumption: 74 W (50Hz), 98 W (60Hz)

Airflow: 850 m³/h (500 CFM) @ 50Hz, 1000 m³/h (588 CFM) @ 60Hz

Static Pressure: 100 Pa (50Hz), 120 Pa (60Hz)

Speed: 2650 RPM (50Hz), 2950 RPM (60Hz)

Noise Level: 60 dB(A) (50Hz), 63 dB(A) (60Hz)

Motor: M2D068-CF

Bearing Type: Ball Bearing

Termination: Terminals

Operating Temperature: -25 ~ 65°C

Lifetime @ Temp: 40,000 Hours (at 40°C)

Housing Material: Galvanized sheet steel

Impeller Material: PA plastic

IP Rating: IP44

Weight: 2.5 kg

Approval Agency: CE, UL, CSA, VDE

Application: This ebmpapst AC centrifugal fan is ideal for air conditioning systems, ventilation units, heat pumps, and other applications requiring efficient air movement against higher static pressures in industrial and commercial settings.

Product Images







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