

8317082273 VBS0250RSLFS ebmpapst 230V AC Centrifugal Fan

SKU: 8317082273

Price: \$234.56

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/8317082273-vbs0250rslfs-ebmpapst-230v-ac-centrifugal-fan/>

Product Description

The ebmpapst VBS0250RSLFS (8317082273) is a high-performance 230VAC AC Centrifugal Fan featuring a 250 mm high-efficiency backward-curved impeller, specifically engineered for mission-critical cooling in Industrial Frequency Converters and specialized enclosure systems. Driven by a maintenance-free external rotor motor with ball bearings and moisture protection, this 1.85 kg unit operates at 200-240 VAC / 50/60 Hz delivering a Max. Power Consumption (Input) of 170.0 W and a Max. Current Draw of 1.3 A at a rated speed of 2488 RPM. This High-performance unit achieves a Max. Air Flow of 950.0 / 1080.0 m³/h (559.1 / 635.6 CFM / 15.83 / 18.00 m³/min) and a Max. Static Pressure of 45.9 / 54.1 mmH₂O (450.0 / 530.0 Pa / 1.81 / 2.13 inAq). Featuring a robust construction with an output power of 130.0 W, this IP54-rated unit is optimized for environments requiring high reliability and high-static pressure in industrial VFD systems at the end.

VBS0250RSLFS Fan Parameters

Model Number: VBS0250RSLFS

Manufacturer: ebmpapst

Part Number: 8317082273

Type: AC Centrifugal Fan

Impeller Size: 250 mm

Weight: 1.85 kg

Origin: Germany

Bearing Type: Ball bearing (Long-time lubrication)

Phase: 1~

Nominal Voltage: 230 VAC

Voltage Range: 200 - 240 VAC

Connection Type: 4-wire (Leads with capacitor connection)

Frequency: 50 / 60 Hz

Max. Current Draw: 1.3 A

Max. Power Consumption (Input): 170.0 W

Output Power: 130.0 W

Rated Speed: 2488 RPM

Max. Air Flow: 559.1 / 635.6 CFM (950.0 / 1080.0 m³/h / 15.83 / 18.00 m³/min)

Max. Static Pressure: 45.9 / 54.1 mmH₂O (450.0 / 530.0 Pa / 1.81 / 2.13 inAq)

Working Air Flow: 950.0 / 1080.0 m³/h

Static Pressure Increase: 450.0 / 530.0 Pa

Motor Protection: Thermal overload protector (TOP) internally wired

Insulation Class: Class F

Degree of Protection: IP54

Impeller Material: Sheet aluminium / Composite plastic

Ambient Temperature (Max.): 60 °C

Min. Operating Temperature: -25 °C

Standard Compliance: CE; EAC; CCC; VDE; UL; CSA

Application

The ebmpapst VBS0250RSLFS centrifugal fan is the primary cooling component for industrial frequency converters and high-power VFD modules requiring high-static pressure and stable operation in AC 230V environments.

Product Images









Scan for product details:

