

8317082559 VFS0146XSLFS ebmpapst 230V AC Centrifugal Fan

SKU: 8317082559

Price: \$257.13

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/8317082559-vfs0146xslfs-ebmpapst-230v-ac-centrifugal-fan/>

Product Description

The ebmpapst VFS0146XSLFS (Part No. 8317082559) is a high-performance 200-240 V single-phase AC dual-inlet centrifugal fan module featuring a 146 mm forward-curved galvanized steel impeller housed in a precision-engineered scroll casing. Driven by the high-efficiency E06005 external rotor motor, this unit is engineered for high-velocity air displacement, delivering a powerful 2525 RPM with a rated input power of 170 W and an output power of 130 W. The module's design, characterized by its dual-inlet architecture and IP54 protection, ensures maximum air displacement and reliable operation in demanding industrial environments. Equipped with premium ball bearings and an integrated thermal overload protector, the VFS0146XSLFS provides an industrial-grade thermal management solution for air handling units and electronic cabinet cooling across an ambient temperature range of -25 °C to 45 °C.

VFS0146XSLFS Fan Parameters

Model Number: VFS0146XSLFS

Part Number: 8317082559

Manufacturer: ebmpapst

Motor Model: E06005

Series: AC Centrifugal Series

Type: AC Centrifugal Fan (Dual-Inlet with Scroll Housing)

Impeller Size: 146 mm

Dimensions: 225 x 241 x 176 mm

Bearing Type: Ball Bearing

Nominal Voltage: 230 VAC

Voltage Range: 200 - 240 VAC

Phase: 1~

Frequency: 50 / 60 Hz

Weight: 4.1 kg

Power Consumption (Input): 170 W

Power Output: 130 W

Nominal Current: 1.3 A

Speed: 2525 RPM

Required Capacitor: 5 μ F / 450 VDB

Motor Design: Single-phase External Rotor Motor (PSC)

Motor Protection: Thermal overload protector (TOP) internally connected

Insulation Class: Class B

Touch Current: < 0.75 mA

Electrical Hookup: Lead wires

Number of Blades: 42 (Forward-curved)

Direction of Rotation: Counter-clockwise, viewed toward rotor

Impeller Material: Sheet steel, galvanized

Housing Material: Sheet steel, galvanized

Rotor Surface: Painted black

Installation Position: Any

Condensate Discharge Holes: None

Degree of Protection: IP54

Operating Temperature: -25 - +45 °C

Standard Compliance: EN 60335-1, CE

Approval Agency: CCC, EAC, VDE

Application

The ebmpapst VFS0146XSLFS centrifugal fan is primarily utilized in industrial air handling units (AHU), commercial kitchen ventilation, laboratory fume hoods, electronic cabinet cooling, and cleanroom air filtration systems.

Product Images







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