

SG146HA2 SANJUN 220V 272x240x205mm AC Centrifugal Blower

SKU: SG146HA2

Price: \$157.14

Categories: Fans

Tags: Sanju

Product Link:

<https://www.electspares.com/product/sg146ha2-sanjun-220v-272x240x205mm-ac-centrifugal-blower/>

Product Description

The SANJUN SG146HA2 is a high-performance 220VAC AC Centrifugal Blower with a 146 mm specialized impeller, specifically engineered for mission-critical cooling in Industrial Frequency Converters and specialized ventilation systems. Driven by a high-torque external rotor motor with precision dual ball bearings, this 4100.0 g unit operates within a 220 - 240 VAC range across 50/60 Hz frequencies, delivering a Max. Power Consumption of 266.0 W and a Max. Current Draw of 1.50 A at a rated speed of 1620 RPM. This High-performance unit features a forward-curved aerodynamic impeller designed for maximum static pressure, achieving a Max. Air Flow of 1000.0 m³/h (588.0 CFM / 16.67 m³/min) and a Max. Static Pressure of 45.90 mmH₂O (450.12 Pa / 1.81 inAq). Featuring a maintenance-free structure and integrated thermal protection, this IP54-rated blower is optimized for environments requiring high-pressure stability and long-term reliability in industrial VFD and power electronics systems at the end.

SG146HA2 Fan Parameters

Model Number: SG146HA2

Manufacturer: SANJUN

Type: AC Centrifugal Blower

Impeller Size: 146 mm

Dimensions: 272 x 240 x 205 mm

Weight: 4100.0 g

Bearing Type: Dual ball bearing

Nominal Voltage: 220 VAC

Voltage Range: 220 - 240 VAC

Frequency: 50 / 60 Hz

Max. Current Draw: 1.50 A

Max. Power Consumption: 266.0 W

Rated Speed: 1620 RPM

Max. Air Flow: 588.0 CFM (1000.0 m³/h / 16.67 m³/min)

Max. Static Pressure: 45.90 mmH₂O (450.12 Pa / 1.81 inAq)

Working Air Flow: 1000.0 m³/h

Static Pressure Increase: 450.12 Pa

Motor Protection: Thermal overload protector (TOP) wired internally

Insulation Class: Class B

Degree of Protection: IP54

Electrical Hookup: Lead wires

Direction of Rotation: Clockwise (viewed toward rotor)

Impeller Material: Galvanized sheet steel

Frame Material: Die-cast aluminum / Galvanized steel housing

Sound Pressure Level: 66.0 dB(A)

Service Life: 50,000 h (at 40 °C)

Operating Temperature: -20 - +70 °C

Standard Compliance: CE; UL; TUV

Application

The SANJUN SG146HA2 centrifugal blower is the primary cooling component for industrial frequency converters, cabinet climate control, and industrial air curtains requiring robust airflow and high-pressure stability in 220VAC environments.

Product Images







Scan for product details:

