

SF1806HA2 SOTOP 230VAC 180x180x65mm Metal Axial Fan Datasheet



SKU: [995189993925](#)

Category: Axial & Centrifugal Fans

Price: **\$77.99**

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Product Page:

<https://www.equipspares.com/product/sf1806ha2-sotop-230vac-180x180x65mm-metal-axial-fan>

Product Description

The SOTOP SF1806HA2 is a robust AC Axial Fan engineered for rigorous industrial environments requiring superior thermal management and structural rigidity. Designed with a durable full metal housing and metal impeller, this unit offers exceptional resistance to thermal stress and vibration. It utilizes a precision ball bearing architecture to minimize frictional losses, optimizing aerodynamic efficiency and ensuring stable operation under high-load conditions. This cooling solution is specifically calibrated to reduce thermal impedance in critical power infrastructure and automation systems.

Model Number: SF1806HA2

Brand: SOTOP

Product Type: AC Axial Fan

Rated Voltage: 230 VAC

Frequency: 50/60 Hz

Rated Current: 0.20 / 0.27 A

Power Input: 45 / 60 W

Rated Speed: 2700 / 3100 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 360 CFM (611 m³/h / 10.2 m³/min)

Max. Static Pressure: 19.5 mmH₂O (191 Pa / 0.77 inH₂O)

Dimensions: 180 x 180 x 65 mm

Housing Material: Die-Cast Aluminum (Full Metal)

Impeller Material: Metal (Steel)

Operating Temperature: -20 to +70 °C

Mounting Orientation: Any

Life Expectancy: 50,000 Hours

Termination: Lead Wires

Feature: High Temperature Resistant

The SOTOP SF1806HA2 is specifically deployed in large-scale electrical cabinets and server racks where consistent high-volume airflow is required to prevent component overheating. Due to its rugged metal composition, the SF1806HA2 is also the preferred choice for industrial welding machines, CNC equipment, and ventilation systems in manufacturing plants that demand reliable performance in harsh environmental conditions.

Supplemental Images

