

200FZY2-D Weierke 220VAC 200mm External Rotor Axial Fan Datasheet



SKU: 904421260843

Category: Axial & Centrifugal Fans

Price: **\$32.99**

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Product Page:

<https://www.equipspares.com/product/200fzy2-d-weierke-220vac-200mm-external-rotor-axial-fan>

Product Description

The Suzhou Weierke 200FZY2-D is a high-performance AC Axial Fan designed for rigorous industrial thermal management applications. Featuring a robust external rotor motor architecture, this unit provides exceptional torque and thermal stability, ensuring reliable operation under continuous load. The aerodynamic steel impeller is precision-balanced to minimize vibration and optimize airflow efficiency, significantly reducing thermal impedance within enclosed systems. Built with a durable die-cast aluminum housing for structural rigidity, the fan utilizes high-quality ball bearings to extend service life. Equipped with a starting capacitor, it delivers consistent startup performance and maintains high static pressure, making it an ideal solution for critical cooling requirements in harsh environments.

Model Number: 200FZY2-D

Brand: Suzhou Weierke

Product Type: External Rotor Axial Fan

Rated Voltage: 220VAC

Frequency: 50Hz

Rated Current: 0.30A

Power Input: 65W

Rated Speed: 2600 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 459.09 CFM (780 m³/h / 13.0 m³/min)
Max. Static Pressure: 0.72 inH₂O (180 Pa)
Dimensions: 210mm x 210mm x 71mm (200mm Impeller)
Weight: 2.50 kg
Life Expectancy: 50,000 Hours @ 40°C
Motor Type: Single Phase External Rotor Induction Motor
Capacitor: Included (Starting Capacitor)
Housing Material: Die-cast Aluminum (Black)
Blade Material: Sheet Steel
Ingress Protection: IP54
Insulation Class: Class B
Operating Temperature: -20°C to +60°C
Termination: Lead Wires
Mounting Orientation: Any

This industrial-grade cooling solution is primarily engineered for heavy-duty welding equipment, where the 200FZY2-D ensures rapid heat dissipation for transformers and rectifiers. It is extensively used in electric welding machines, plasma cutters, and industrial power supplies to prevent thermal overload during prolonged operation. Beyond welding applications, the 200FZY2-D is also suitable for ventilating large control cabinets, server racks, and automation machinery, providing the necessary airflow to maintain optimal operating temperatures for sensitive electronic components.

Supplemental Images

