

M150AP-22-2WB(MS) SINWAN 230V 172x151x38mm AC Axial Fan

SKU: M150AP-22-2WB(MS)

Price: \$51.43

Categories: Fans

Tags: Sinwan

Product Link:

<https://www.electspares.com/product/m150ap-22-2wbms-sinwan-230v-172x151x38mm-ac-axial-fan/>

Product Description

The SINWAN M150AP-22-2WB(MS) is a professional-grade 230VAC Industrial AC Axial Fan with dimensions of 172 x 151 x 38 mm, specifically engineered for precision thermal management in noise-sensitive industrial control environments and VFD cabinets. Driven by a high-efficiency capacitor-run induction outer rotor motor with integrated thermal protection, this unit delivers a precise Max. Power Consumption of 25.0 W and a Max. Current Draw of 0.11 A at 230 V DC (60 Hz). Operating at a rated speed of 2300 RPM (50 Hz) with an optimized 6-blade all-metal impeller, it provides a powerful working air flow of 289.0 m³/h (170.0 CFM) while maintaining a low noise profile. Constructed with a rugged die-cast aluminum metal housing and precision dual ball bearings, this 820 g unit ensures maximum cooling performance and long-term mechanical stability for integrated industrial switchgear systems at the end.

M150AP-22-2WB(MS) Fan Parameters

Model Number: M150AP-22-2WB(MS)

Manufacturer: SINWAN

Type: AC Axial Fan (Capacitor Motor)

Dimensions: 172.0 x 151.0 x 38.0 mm

Weight: 820 g

Bearing Type: Ball bearing

Nominal Voltage: 230VAC

Voltage Range: 200 - 240 VAC

Frequency: 50/60 Hz

Max. Power Consumption: 22.0 W (at 50 Hz) / 25.0 W (at 60 Hz)

Rated Speed: 2300 RPM (at 50 Hz) / 2200 RPM (at 60 Hz)

Max. Air Flow: 170.0 CFM (289.0 m³/h / 4.8 m³/min)

Max. Static Pressure: 10.9 mmH₂O (107.1 Pa / 0.43 inH₂O)
Working Air Flow: 289.0 m³/h (at 50 Hz) / 277.0 m³/h (at 60 Hz)
Static Pressure Increase: 107.1 Pa
Motor Type: Capacitor induction, outer rotor motor
Burnout Protection: Thermally protected
Insulation Resistance: Over 100 MΩ at DC 500V
Dielectric Strength: 1,500 VAC/min, 50/60 Hz
Number of Blades: 6
Direction of Rotation: Counter-clockwise (viewed toward rotor)
Airflow Direction: Intake over struts
Housing Material: Metal (Die-cast aluminum, black)
Impeller Material: Metal (All metal blades)
Degree of Protection: IP54
Operation Mode: S1 (Continuous operation)
Sound Pressure Level: 43.0 dB(A)
Service Life (L10): 70,000 h (at 25 °C)
Operating Temperature: -20 - +70 °C
Storage Temperature: -40 - +80 °C (at 65% RH)
Electrical Hookup: 2 lead wires (Wire lead type)
Wire Length: 300 mm
Standard Compliance: EN 60335-1; CE
Approval Agency: UL; CSA; TUV; VDE

Application

The SINWAN M150AP-22-2WB(MS) AC fan is the primary cooling component for industrial frequency converters, specialized electrical cabinets, and high-performance ventilation systems requiring IP54-rated protection and low-noise operation.

Product Images



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