

AS08024HB389100 ADDA 24V 1.50A 80x80x38mm DC Axial Fan

SKU: AS08024HB389100

Price: \$19.71

Categories: Fans

Tags: ADDA

Product Link:

<https://www.electspares.com/product/as08024hb389100-adda-24v-1-50a-80x80x38mm-dc-axial-fan/>

Product Description

The ADDA AS08024HB389100 is a high-performance 24 VDC DC Axial Fan with dimensions of 80 x 80 x 38 mm, specifically engineered for demanding thermal management in industrial frequency converters and electrical control cabinets. Driven by a robust brushless DC motor with integrated electronic protection, this unit provides a precise power consumption of 36.0 W and a nominal current of 1.50 A at 24 VDC. Operating at an extraordinary rated speed of 9000 RPM, it delivers a powerful airflow of 117.0 CFM for efficient heat extraction. Constructed with a UL94V-0 reinforced plastic housing and impeller featuring high-precision dual ball bearings, this 212.0 g unit provides a dependable air-moving solution with a noise level of 64.0 dB(A) and IP20 protection, ensuring maximum cooling performance and long-term mechanical stability for high-power inverters, variable frequency drives (VFD), and integrated electrical switchgear systems at the end.

AS08024HB389100 Fan Parameters

Model Number: AS08024HB389100

Manufacturer: ADDA

Type: DC Axial Fan

Impeller Size: 80 mm

Dimensions: 80.0 x 80.0 x 38.0 mm

Weight: 212.0 g

Bearing Type: Dual Ball Bearing

Nominal Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Nominal Power Consumption: 36.0 W

Nominal Current Draw: 1.50 A

Rated Speed: 9000 RPM

Max. Air Flow: 117.0 CFM (198.8 m³/h / 3.31 m³/min)

Max. Static Pressure: 51.15 mmH₂O (501.60 Pa / 2.014 inH₂O)

Working Air Flow: 198.8 m³/h

Static Pressure Increase: 501.60 Pa

Motor Protection: Locked-rotor and reverse polarity protection

Insulation Class: Class A

Electrical Hookup: 2 lead wires (Red +, Black -)

Number of Blades: 9

Direction of Rotation: Clockwise (viewed toward rotor)

Airflow Direction: Exhaust over struts

Housing Material: UL94V-0 Reinforced Plastic

Impeller Material: UL94V-0 Reinforced Plastic

Operation Mode: S1 (Continuous operation)

Sound Pressure Level: 64.0 dB(A)

Service Life: 70,000 h (at 40 °C)

Operating Temperature: -10 - +70 °C

Storage Temperature: -40 - +80 °C

Degree of Protection: IP20

Standard Compliance: UL94V-0; CE

Approval Agency: UL; CUL; TUV

Application

The ADDA AS08024HB389100 DC fan is primarily utilized in industrial frequency converters, power inverters, and electrical control cabinet heat dissipation systems for efficient exhaust and cooling.

Product Images







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