

RB1238H12B-6 SHLF 12VDC 1.60A 120x120x38mm Axial Fan Datasheet



SKU: [1046262908899](#)

Category: Axial & Centrifugal Fans

Price: **\$16.36**

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Product Description

SHLF RB1238H12B-6 is a high-performance axial cooling fan measuring 120 x 120 x 38 mm, operating at a nominal 12 VDC with a 1.60 A current draw. It features a robust double ball bearing system and a 3-wire interface for power and speed monitoring. The housing is constructed from UL 94V-0 rated PBT plastic, housing a high-torque motor capable of reaching 4500 RPM to generate significant static pressure and high-velocity airflow for thermal management in dense environments.

RB1238H12B-6 Specifications

Model: RB1238H12B-6

Brand: SHLF

Category: DC Axial Fan

Voltage: 12 VDC

Operating Voltage Range: 8.0 to 14.0 VDC

Current: 1.60 A

Power Consumption: 19.2 W

Dimensions: 120 x 120 x 38 mm

Rotational Speed: 4500 RPM

Airflow: 173.83 CFM

Static Pressure: 21.60 mmH₂O

Bearing Type: Dual Ball Bearing

Interface: 3-wire

Noise Level: 64 dB-A

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +75 °C

Material: PBT Plastic (UL 94V-0)

Weight: 300 g

RB1238H12B-6 Applications

Primary applications include integration into high-output gas BBQ grills, industrial server racks, and ASIC mining rigs. Deployed within CNC control cabinets, telecommunications enclosures, and power supply cooling systems requiring high-pressure thermal management.

Supplemental Images

