

# BSB0812HN Delta 12V 0.60A DC Blower fan

**SKU:** BSB0812HN

**Price:** \$10.41

**Categories:** Fans

**Tags:** Delta

**Product Link:**

<https://www.electspares.com/product/bsb0812hn-delta-12v-0-60a-dc-blower-fan/>

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## Product Description

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The Delta BSB0812HN is a high-performance DC Blower Fan (Centrifugal Blower) with a robust 80 x 80 x 28 mm housing dimension. It operates on a nominal voltage of 12 VDC. The blower achieves a high speed of 6000 RPM, consuming 7.2 W of power and drawing a maximum current of 0.60 A. It delivers a maximum air flow of 13.9 m<sup>3</sup>/h (8.2 CFM) and a high maximum static pressure of 120.0 Pa (0.48 inAq). This high-performance blower features a durable Ball Bearing system and is specifically designed for industrial equipment and compact systems requiring strong pressure output in a deep profile.

BSB0812HN Fan Parameters

Model: BSB0812HN

Manufacturer: Delta Electronics

Type: DC Blower Fan (Centrifugal Blower)

Dimensions (measuring): 80 x 80 x 28 mm (Housing)

Nominal Voltage: 12 VDC

Voltage Range: 4.0 VDC ~ 13.2 VDC

Speed: 6000 RPM

Power Consumption: 7.2 W

Current Draw: 0.60 A

Max. Airflow: 13.9 m<sup>3</sup>/h (8.2 CFM)

Max. Static Pressure: 120.0 Pa (0.48 inAq)

Noise Level: 42 dB(A)

Weight: 0.050 kg

Housing Material: Thermoplastic (UL94V-0)

Impeller Material: Thermoplastic (UL94V-0)

Bearing Type: Ball Bearing

Motor Design: Brushless DC Motor

Motor Protection: Locked Rotor Protection, Auto-Restart

Termination: 3 Wire Leads

Monitor Output: Yes (Tachometer/FG)

Service Life L10 at 40 °C: 50000 h

Min. Ambient Temperature: -10 °C

Max. Ambient Temperature: 70 °C

Approvals: UL, CE, TUV

#### Application

The Delta BSB0812HN blower, in this larger configuration, is engineered for powerful, focused cooling in compact industrial machinery and rack-mounted equipment that can accommodate the increased 28 mm depth. Primary applications for the BSB0812HN include cooling high-power industrial PCs, specialized medical devices, and server blade systems where high pressure development against complex internal pathways is required.

## Product Images

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Scan for product details:

