

# GFB0812SHS-8E27 Delta 12VDC 1.20A 80x80x56mm Axial Fan Datasheet



**Brand:** Delta

**SKU:** [678011857291](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$18.99**

---

**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

**Web:** <https://www.equipspares.com>

---

Product Page:

<https://www.equipspares.com/product/gfb0812shs-8e27-delta-12vdc-1-20a-80x80x56mm-axial-fan>

---

## Product Description

---

The Delta GFB0812SHS-8E27 is a robust DC axial fan engineered for demanding industrial thermal management applications. Manufactured by Delta Electronics, this unit features a specialized contra-rotating blade design housed within a 56mm thick frame, optimizing aerodynamic efficiency to deliver superior static pressure. The motor architecture incorporates a maintenance-free double ball bearing system, ensuring exceptional structural rigidity and a prolonged operational lifespan of up to 180,000 hours. Designed for precision control, the fan utilizes an 8-wire interface supporting PWM temperature control and tachometer speed monitoring. This configuration allows for dynamic speed adjustment based on thermal load, minimizing energy consumption while overcoming high thermal impedance in dense electronic enclosures.

Model Number: GFB0812SHS-8E27

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Rated Current: 1.20 A

Power: 14.40 W

Rated Speed: 8000 RPM  $\pm 5\%$

Bearing Type: Double Ball Bearing

Dimensions: 80 x 80 x 56 mm

Life Expectancy: 180,000 Hours

Termination: 8-Wire Interface (2 Sets)

Speed Control: PWM (Pulse Width Modulation), Tachometer

Max. Air Flow: High Capacity (Specific CFM not listed in source)

Max. Static Pressure: High Pressure (Specific mmH<sub>2</sub>O not listed in source)

Features: Maintenance-free, High Airflow, High Static Pressure

The GFB0812SHS-8E27 is specifically designed for high-performance cooling scenarios such as enterprise server racks, telecommunications base stations, and precision medical instrumentation. Its high static pressure capabilities make it ideal for forcing air through restricted spaces in dense component arrays or radiator systems. The GFB0812SHS-8E27 ensures reliable continuous operation in critical infrastructure, including automated manufacturing equipment and 24/7 data center environments where thermal stability is paramount.

## Supplemental Images

---

