

BD129035EB Y.S.TECH 12VDC 97x94x33mm 3-Wire Blower Datasheet



Brand: Y.S.TECH

SKU: [974244966221](#)

Category: Axial & Centrifugal Fans

Price: **\$15.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/bd129035eb-y-s-tech-12vdc-97x94x33mm-3-wire-blower>

Product Description

The Y.S.TECH BD129035EB is a high-performance DC Blower engineered for demanding thermal management applications. Utilizing advanced DC motor technology and a robust dual ball bearing architecture, this unit ensures exceptional structural rigidity and long-term reliability. Its aerodynamic impeller design is optimized to minimize thermal impedance by delivering concentrated, high-pressure airflow. The BD129035EB is constructed with UL94V-0 rated materials, providing superior flame retardancy and durability in harsh industrial environments. This blower is specifically designed to overcome high static pressure resistance in compact enclosures, ensuring efficient heat dissipation for critical electronic components.

Model Number: BD129035EB

Brand: Y.S.TECH

Product Type: Blower

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 1.30A

Power: 15.6W

Rated Speed: 3500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 28.5 CFM (0.807 m³/min / 13.45 L/s)

Max. Static Pressure: 32.0 mmH₂O (313.8 Pa / 1.26 inH₂O)

Dimensions: 97x94x33mm

Weight: 185g

Life Expectancy: 70,000 Hours at 40C

Speed Control: Tachometer (FG)

Noise Level: 54.0 dB(A)

Housing Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Termination: 3 Lead Wires

Operating Temperature: -10C to +70C

Storage Temperature: -40C to +80C

Insulation Class: Class A

Protection Features: Auto Restart, Polarity Protection, Locked Rotor Protection

Certifications: UL, CUL, TUV, CE, RoHS

The BD129035EB is ideally suited for high-density server racks, telecommunications equipment, and industrial power supplies where space is constrained and static pressure is high. In CNC machinery and medical diagnostic devices, the BD129035EB provides critical cooling for internal circuitry and power modules. Its robust design makes it a preferred choice for automotive infotainment systems and projection equipment, where the BD129035EB ensures stable operating temperatures during continuous duty cycles.

Supplemental Images

