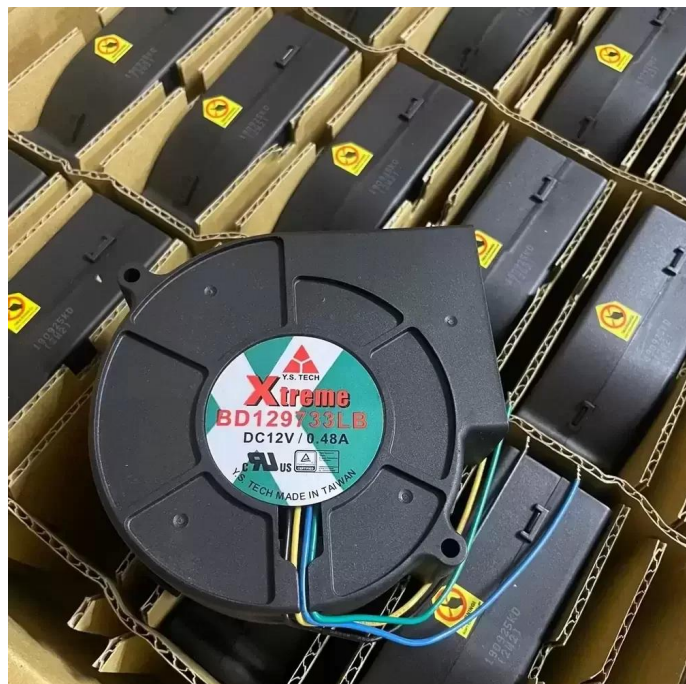


BD129733LB Y.S.TECH 12VDC 97x97x33mm DC Blower Datasheet



Brand: Y.S.TECH

SKU: 984338807789

Category: Axial & Centrifugal Fans

Price: \$19.99

E-mail: sales@equipspares.com

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

Product Page: <https://www.equipspares.com/product/bd129733lb-y-s-tech-12vdc-97x97x33mm-dc-blower>

Product Description

The Y.S.TECH BD129733LB is a high-efficiency DC Blower designed for applications requiring significant static pressure and concentrated airflow. Engineered with a durable ball bearing architecture, this unit minimizes frictional wear and heat buildup, ensuring extended operational service life under continuous duty. The aerodynamic volute design optimizes the intake and exhaust flow paths, effectively reducing thermal impedance in high-density electronic enclosures. Constructed from UL94V-0 rated thermoplastic, the housing offers superior structural rigidity and resistance to environmental stress, making it a robust solution for demanding industrial thermal management systems.

Model Number: BD129733LB

Brand: Y.S.TECH

Product Type: DC Blower Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 0.48 A

Power Input: 5.76 W

Rated Speed: 3600 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 28.5 CFM (48.4 m³/h / 0.81 m³/min)

Max. Static Pressure: 22.5 mmH₂O (220 Pa / 0.88 inH₂O)

Dimensions: 97 x 97 x 33 mm

Weight: 170 g

Life Expectancy: 70,000 Hours @ 40°C

Noise Level: 52.0 dBA

Housing Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: 2-Wire Leads

Ingress Protection: IP40

Safety Certifications: UL, CUL, TUV, CE

The BD129733LB is frequently utilized in scenarios where space is constrained but high pressure is required to force air through restricted pathways, such as in 1U/2U server racks and telecommunications switching gear. Its robust 97mm form factor makes it ideal for cooling extruders in 3D printers, CNC control electronics, and medical instrumentation. Additionally, the BD129733LB serves as a critical component in projector cooling systems and industrial automation cabinets, providing reliable directed airflow to prevent component failure due to overheating.

Supplemental Images

