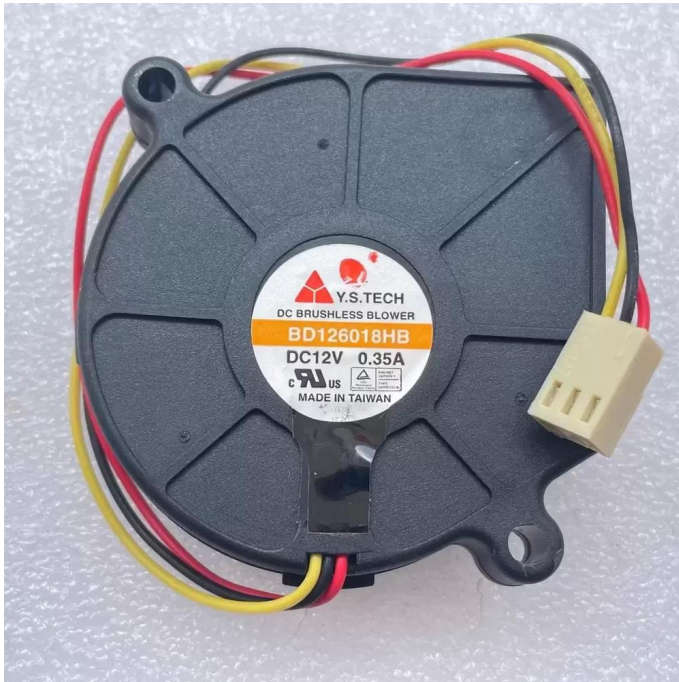


BD126018HB Y.S.TECH 12VDC 60x60x18mm Centrifugal Blower Datasheet



Brand: Y.S.TECH

SKU: 730162573270

Category: Axial & Centrifugal Fans

Price: \$8.99

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/bd126018hb-y-s-tech-12vdc-60x60x18mm-centrifugal-blower>

Product Description

The Y.S.TECH BD126018HB is a precision-engineered DC centrifugal blower designed for high-impedance thermal management applications requiring concentrated airflow. Utilizing advanced 2-Ball Bearing architecture, this unit ensures long-term structural rigidity and operational stability under continuous loads, significantly outperforming sleeve bearing alternatives in vertical mounting orientations. The aerodynamic impeller design optimizes static pressure delivery, making it ideal for restricted airflow environments where back-pressure is a concern. Engineered with a brushless DC motor, the BD126018HB minimizes electromagnetic interference while maximizing thermal dissipation efficiency, providing a robust solution for industrial and telecommunications hardware cooling requirements.

Model Number: BD126018HB

Brand: Y.S.TECH

Product Type: Centrifugal Blower

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 0.35 A

Input Power: 4.20 W

Rated Speed: 4800 RPM

Bearing Type: 2-Ball Bearing

Max. Air Flow: 5.8 CFM (9.85 m³/h)
Max. Static Pressure: 12.7 mmH₂O (124.5 Pa / 0.50 inH₂O)
Dimensions: 60 x 60 x 18 mm
Weight: 55 g
Life Expectancy: 70,000 Hours at 40°C
Noise Level: 38.0 dBA
Housing Material: PBT (UL94V-0)
Impeller Material: PBT (UL94V-0)
Termination: 3-Wire (Red +, Black -, Yellow Signal)
Speed Control: Tachometer Output
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +75°C
Insulation Resistance: >10M Ohm at 500VDC
Dielectric Strength: 5mA at 500VAC for 1 min
Safety Certifications: UL, CUL, TUV, CE

This centrifugal blower is specifically calibrated for compact electronic enclosures requiring directed airflow and high static pressure. The BD126018HB is frequently integrated into network switches, server rack power supplies, and industrial automation controllers where space is at a premium. Additionally, the BD126018HB serves as a critical component in projector cooling systems, 3D printer extruders, and telecommunications equipment, ensuring reliable thermal regulation for sensitive components.

Supplemental Images

