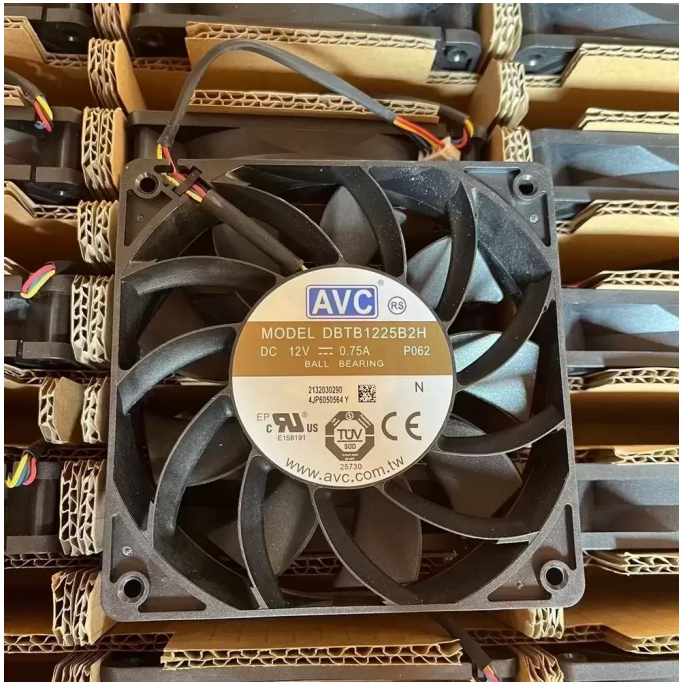


DBTB1225B2H-P062 AVC 12VDC 120x120x25mm 0.75A Axial Fan Datasheet



Brand: AVC

SKU: 829563369499

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/dbtb1225b2h-p062-avc-12vdc-120x120x25mm-0-75a-axial-fan>

Product Description

The AVC DBTB1225B2H-P062 is a precision-engineered axial fan designed for high-demand thermal management systems within industrial and telecommunications sectors. Utilizing advanced Double Ball Bearing architecture, this unit ensures minimized friction and extended operational longevity under continuous loads. The 12VDC motor integrates sophisticated commutation logic to deliver 9W of cooling power, optimizing the balance between static pressure and volumetric airflow. Its thermoplastic frame offers superior structural rigidity, while the impeller geometry is calibrated to reduce turbulence and thermal impedance. Featuring PWM speed control, this model adapts dynamically to system temperatures, making it an ideal solution for critical hardware requiring consistent thermal regulation.

Model Number: DBTB1225B2H-P062

Brand: AVC (Asia Vital Components)

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 0.75 A

Power: 9.0 W

Rated Speed: 3800 RPM

Bearing Type: Double Ball Bearing

Max. Air Flow: 110.0 CFM (186.9 m³/h / 3.11 m³/min)

Max. Static Pressure: 12.5 mmH₂O (122.6 Pa / 0.49 inH₂O)

Dimensions: 120 x 120 x 25 mm

Weight: 220 g

Life Expectancy: 70,000 Hours @ 40°C

Speed Control: 4-Wire PWM

Noise Level: 45.0 dBA

Housing Material: PBT Thermoplastic (UL94V-0)

Blade Material: PBT Thermoplastic (UL94V-0)

Termination: 4-Wire Lead with Connector

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Mounting Orientation: Any

Protection: Locked Rotor Protection, Polarity Protection

This high-performance cooling solution is specifically engineered for enterprise-grade telecommunications equipment and server chassis environments. The DBTB1225B2H-P062 excels in high-density rack enclosures where consistent airflow is critical for maintaining component stability. Frequently utilized in network infrastructure and industrial automation cabinets, the DBTB1225B2H-P062 provides reliable thermal dissipation for power supplies, RAID arrays, and heavy-duty computing clusters, ensuring uninterrupted operation in mission-critical workflows.

Supplemental Images

