

PEAD26025BM-PF00 AVID 24VDC 0.23A 60x60x25mm Axial Fan Datasheet



Brand: Aavid

SKU: 1030017027874

Category: Axial & Centrifugal Fans

Price: \$18.57

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Product Page:

<https://www.equipspares.com/product/pead26025bm-pf00-aavid-24vdc-0-23a-60x60x25mm-axial-fan>

Product Description

AAVID PEAD26025BM-PF00 is a high-performance DC axial fan measuring 60 x 60 x 25 mm, operating at a nominal 24 VDC with a rated current of 0.23 A and power consumption of 3.84 W. This Excellence Series (PE) model features a precision dual ball bearing system and a 3-wire interface including a Frequency Generator (FG) tachometer signal for real-time rotational speed monitoring. The unit utilizes a brushless motor design with integrated auto-restart and polarity reverse protection, delivering a maximum airflow of 35.5 CFM and a static pressure of 17.94 mmH₂O at a rated speed of 7000 RPM. The structural housing and impeller are constructed from UL 94V-0 rated thermoplastic, ensuring thermal stability and flame retardancy during continuous operation.

PEAD26025BM-PF00 Specifications

Model Number: PEAD26025BM-PF00

Brand: AAVID (Boyd Corporation)

Product Category: DC Axial Fan

Series: Excellence Series (PE)

Dimensions: 60 x 60 x 25 mm

Rated Voltage: 24 VDC

Operating Voltage Range: 16 to 27.6 VDC

Rated Current: 0.23 A

Input Current: 0.16 A

Input Power: 3.84 W

Rated Speed: 7000 RPM

Maximum Airflow: 35.5 CFM (1.01 CMM)

Maximum Static Pressure: 17.94 mmH₂O (0.71 InH₂O)

Noise Level: 45.5 dBA

Bearing Type: Dual Ball Bearing

Function Type: FG Signal (Frequency Generator)

Protection: Auto Restart Protection, Polarity Reverse Protection

Lead Wire: UL 1007 AWG #24 (Red: +, Black: -, Yellow: FG)

Material: UL 94V-0 Thermoplastic Impeller and Frame

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +70 °C

Life Expectancy: 70,000 hours at 40 °C

PEAD26025BM-PF00 Applications

Primary applications include integration into high-density server rack enclosures, telecommunications base station cooling modules, and industrial power supply thermal management systems. Deployed within CNC controller cabinets and medical diagnostic imaging equipment requiring high static pressure for restricted airflow environments.

Supplemental Images

