6424/19T PAPST 24VDC 0.75A 172x172x51mm Axial Fan Datasheet

Brand: ebmpapst

SKU: 1007274591561

Category: Axial & Centrifugal Fans

Price: **$36.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/6424-19t-papst-24vdc-0-75a-172x172x51mm-axial-fan

Product Description

The PAPST 6424/19T is a Axial Fan engineered for high-demand industrial thermal management. Utilizing an advanced DC motor architecture, this unit provides exceptional structural rigidity through its die-cast aluminum housing, minimizing resonance and optimizing aerodynamic efficiency. The internal bearing system is designed for low thermal impedance, ensuring prolonged operational stability under continuous load. Its specialized blade geometry is optimized for high-pressure environments, making the 6424/19T an ideal solution for systems requiring consistent volumetric airflow and robust mechanical durability in challenging industrial environments.

Model Number: 6424/19T
Brand: PAPST
Product Type: Axial Fan
Rated Voltage: 24VDC
Voltage Range: 12.0 - 28.0 VDC
Rated Current: 0.75A
Power: 18W
Rated Speed: 3400 RPM
Bearing Type: Ball Bearing
Max. Air Flow: 282.5 CFM (480.0 m^3/h / 8.0 m^3/min)
Max. Static Pressure: 14.27 mmH_2O (140.0 Pa / 0.56 inH_2O)

Dimensions: 172 x 172 x 51 mm
Weight: 820g
Life Expectancy: 70,000 hours
Housing Material: Die-cast aluminum
Blade Material: UL94V-0 Plastic
Termination: 2 Lead wires
Operating Temperature: -20 to +72 C
Storage Temperature: -40 to +80 C
Insulation Class: Class E
Protection: Locked Rotor Protection, Reverse Polarity Protection
Certifications: VDE, CSA, UL, CE

The PAPST 6424/19T is specifically designed for high-density cooling applications such as server racks, telecommunications enclosures, and industrial power supplies. In CNC machinery and medical imaging equipment, the 6424/19T provides the necessary static pressure to overcome internal resistance and maintain optimal operating temperatures. Its robust construction ensures reliability in mission-critical infrastructure where downtime is not an option.

Supplemental Images