

2218F/2TDH4P-209 ebmpapst 48VDC 200x200x50mm 103W Axial Fan Datasheet



Brand: ebmpapst

SKU: [727738679052](#)

Category: Axial & Centrifugal Fans

Price: **\$242.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/2218f-2tdh4p-209-ebmpapst-48vdc-200x200x50mm-103w-axial-fan>

Product Description

The ebmpapst 2218F/2TDH4P-209 is a high-capacity Axial Fan engineered for demanding industrial cooling applications requiring substantial airflow throughput. Utilizing advanced DC motor technology coupled with a precision-engineered double ball bearing system, this unit ensures operational longevity and reduced frictional wear under continuous loads. The aerodynamic design of the impeller minimizes turbulence while maximizing air volume capabilities, effectively managing thermal impedance in high-density electronic enclosures. Constructed with robust materials to maintain structural rigidity, the 2218F/2TDH4P-209 delivers reliable performance in harsh environments, balancing power consumption with exceptional cooling efficiency.

Model Number: 2218F/2TDH4P-209

Brand: ebmpapst

Product Type: Axial Fan

Rated Voltage: 48 VDC

Voltage Range: 36.0 - 72.0 VDC

Rated Current: 2.15 A

Power: 103 W

Rated Speed: 6500 RPM

Max. Air Flow: 717.6 CFM (1219.2 m³/h / 20.32 m³/min)

Dimensions: 200 x 200 x 50 mm

Noise Level: 72 dBA

Bearing Type: Double Ball Bearing

Termination: 4-Wire Lead

This cooling solution is specifically designed for high-heat dissipation environments such as enterprise server racks, telecommunications base stations, and industrial automation control panels. The 2218F/2TDH4P-209 excels in systems where consistent airflow is critical to prevent thermal throttling of sensitive components. Additionally, the 2218F/2TDH4P-209 is suitable for large-scale power supply units and renewable energy inverters requiring robust thermal management.

Supplemental Images

