

# 6424/12TDHR ebmpapst 24V 2.5A DC axial fan

**SKU:** 6424/12TDHR

**Price:** \$60.00

**Categories:** Fans

**Tags:** ebmpapst

**Product Link:**

<https://www.electspares.com/product/6424-12tdhr-ebmpapst-24v-2-5a-dc-axial-fan/>

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## Product Description

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The ebmpapst 6424/12TDHR is a high-performance 24V DC axial compact fan. Measuring 172mm x 150mm x 51mm, this fan is designed for robust thermal management in demanding applications such as industrial control systems, servers, and other heavy-duty equipment. It operates at a rated voltage of 24V DC and draws a current of 2.5A, resulting in a significant power consumption of 60W. This allows it to achieve a high rotational speed of 6000 RPM, delivering a substantial airflow of 301.3 CFM. Its noise level is 69.5 dBA. The fan features durable ball bearings for an extended operational lifespan of 75,000 hours at 40°C. It commonly comes with 2-wire leads. Its frame is made of robust aluminum.

Model Number: 6424/12TDHR

Manufacturer: ebm-papst

Series: 6400 Series (DC Axial Compact Fan)

Type: DC Axial Compact Fan

Dimensions: 172mm x 150mm x 51mm

Rated Voltage: 24V DC

Operating Voltage Range: 12V to 28V DC

Rated Current: 2.5A

Rated Power: 60W

Speed: 6000 RPM

Airflow: 301.3 CFM

Noise Level: 69.5 dBA

Connector: 2-Wire Leads

Bearing Type: Ball Bearing

Life Expectancy: 75,000 hours at 40°C (L10)

Frame Material: Die-cast aluminum

Impeller (Blade) Material: Fiberglass-reinforced PA plastic

Operating Temperature: -20°C to +60°C

Approvals: VDE, CSA, UL, CE

## Product Images

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