

2214F/2TDHOU-754 ebmpapst 24V DC Axial Fan

SKU: 2214F/2TDHOU-754

Price: \$79.28

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/2214f-2tdhou-754-ebmpapst-24v-dc-axial-fan/>

Product Description

The ebmpapst 2214F/2TDHOU-754 is a high-performance DC Axial Fan with dimensions of 220×200×51 mm. This fan operates on 24 VDC with an operating range of 16 to 30 VDC, delivering a high airflow of 800 m³/h and a high static pressure of 430 Pa at a speed of 4,250 RPM. It features a metal housing, a plastic impeller with 5 blades, ball bearings, and a 4-wire termination, with a rated current of 1.45 A and multiple safety approvals (CE, EAC, UL, VDE, CSA).

2214F/2TDHOU-754 Fan Parameters

Model: 2214F/2TDHOU-754

Manufacturer: ebmpapst

Fan Type: DC Axial Fan

Dimensions: 220×200×51 mm

Nominal Voltage: 24 VDC

Nominal Voltage Range: 16 to 30 VDC

Rated Power: 36 W

Rated Current: 1.45 A

Label Current: 1.5 A

Rated Speed: 4,250 RPM

Airflow: 800 m³/h

Static Pressure: 430 Pa

Noise Level: 62 dB(A)

Bearing System: Ball Bearing

Number of blades: 5

Motor Type: DC Brushless Motor (3-phase fan drive)

Material - Frame: Metal

Material - Impeller: Plastic

Airflow Direction: Exhaust over struts

Operating Temperature: -20 °C to 70 °C

Service Life L10 at 40 °C: 90,000 h

Termination: 4-Wire Leads

Mounting: Flange Mount

Weight: 1.0 kg

Approvals: CE, EAC, UL, VDE, CSA

Application

The 2214F/2TDHOU-754 is an S-Force high-performance DC Axial Fan designed for robust forced air cooling in systems with high heat loads and increased back pressure. Its characteristics, including high static pressure of 430 Pa and a 4-wire control system, make the unit 2214F/2TDHOU-754 an excellent choice for temperature-sensitive applications such as IT/telecom equipment (e.g., servers and switches), large industrial power supplies, and high-power inverter cooling.

Product Images







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