

FFB0824SHE-R00 Delta 24V 0.51A DC Axial Fan

SKU: FFB0824SHE-R00

Price: \$16.99

Categories: Fans

Tags: Delta

Product Link:

<https://www.electspares.com/product/ffb0824she-r00-delta-24v-0-51a-dc-axial-fan/>

Product Description

The Delta FFB0824SHE-R00 is a high-performance DC Axial Fan with measuring dimensions of 80 x 80 x 38 mm. It operates on a nominal voltage of 24VDC, drawing a high current of 0.51 A for a calculated power consumption of 12.24 W. This fan achieves a speed of 4900 RPM, delivering substantial airflow up to 116.4 m³/h (68.51 CFM) and a high static pressure of 0.591 inAq (15.01 mmH₂O). Featuring durable Ball Bearings and a 3-Wire termination with a Locked Rotor Sensor for critical system monitoring, it is ideally suited for cooling industrial equipment, high-density server racks, and power systems where maximum cooling performance is critical.

FFB0824SHE-R00 Fan Parameters

Model: FFB0824SHE-R00

Manufacturer: Delta Electronics

Type: DC Axial Fan

Dimensions: 80 x 80 x 38 mm

Motor Design: Brushless DC Motor

Nominal Voltage: 24VDC

Voltage Operating Range: 14.0 VDC to 27.6 VDC

Current Draw: 0.51 A

Power Consumption: 12.24 W

Speed: 4900 RPM

Airflow: 116.4 m³/h (68.51 CFM)

Static Pressure: 0.591 inAq (15.01 mmH₂O)

Noise Level: 48.5 dBA

Bearings: Ball Bearings

Termination: 3 Wire Leads (Locked Rotor Sensor)

Frame Material: Plastic (UL 94V-0)

Blade Material: Plastic

Weight: 170 g

Life Expectancy: 70,000 Hrs @ 40 °C

Operating Temperature: -10 °C to +70 °C

Safety Approvals: CE, CSA, UL, VDE

Application

The FFB0824SHE-R00 is an industrial-grade fan from Delta's FFB series, designed to handle high thermal loads in systems with high back pressure. The combination of high speed, robust Ball Bearings, and the wide operating voltage range ensures high reliability and performance across varied working conditions. It is primarily utilized in high-performance computing (HPC) servers, power supplies, networking switches, and industrial automation controllers that rely on continuous and effective spot or exhaust cooling.

Product Images



Scan for product details:

