

# FD248025EB-N Y.S.TECH 24V DC Axial Fan 80mm

**SKU:** FD248025EB-N

**Price:** \$9.99

**Categories:** Fans

**Tags:** Y.S.TECH

**Product Link:**

<https://www.electspares.com/product/fd248025eb-n-y-s-tech-24v-dc-axial-fan-80mm/>

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## Product Description

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The Y.S.TECH FD248025EB-N is a high-performance DC Axial Fan with dimensions of 80 x 80 x 25 mm. It operates on a nominal voltage of 24 VDC. The fan achieves a speed of 4300 RPM, consuming 5.52 W of power and drawing a maximum current of 0.23 A. It delivers a maximum air flow of 43.15 m<sup>3</sup>/h (25.4 CFM) and a maximum static pressure of 33.7 Pa (0.135 inAq). This 7-blade fan features a durable Ball Bearing system for an extended service life and is ideal for cooling industrial control panels and network equipment.

FD248025EB-N Fan Parameters

Model: FD248025EB-N

Manufacturer: Y.S.TECH

Type: DC Axial Fan

Dimensions (measuring): 80 x 80 x 25 mm

Nominal Voltage: 24 VDC

Voltage Range: 18 VDC ~ 27.6 VDC

Speed: 4300 RPM

Power Consumption: 5.52 W

Current Draw: 0.23 A

Max. Airflow: 43.15 m<sup>3</sup>/h (25.4 CFM)

Max. Static Pressure: 33.7 Pa (0.135 inAq)

Noise Level: 34 dB(A)

Weight: 0.080 kg

Housing Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Number of Blades: 7

Bearing Type: Ball Bearing

Motor Design: Brushless DC Motor

Motor Protection: Locked Rotor Protection, Auto-Restart

Termination: 2 Wire Leads

Monitor Output: No

Service Life L10 at 40 °C: 70000 h

Min. Ambient Temperature: -20 °C

Max. Ambient Temperature: 70 °C

Approvals: UL, CSA, TUV, CE

#### Application

The Y.S.TECH FD248025EB-N fan is designed for high-reliability cooling in continuous operation environments. Primary applications for the FD248025EB-N include cooling industrial automation equipment, telecommunications power supplies, central heating systems, and other 24V DC systems where a long-life Ball Bearing fan is essential.

## **Product Images**

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Scan for product details:

