

# FSY81B12M FONSONING 12VDC 0.15A 80x80x15mm Axial Fan Datasheet



**SKU:** [1045573654688](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$21.71**

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Product Page:

<https://www.equipspares.com/product/fsy81b12m-fonsoning-12vdc-0-15a-80x80x15mm-axial-fan>

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## Product Description

FONSONING FSY81B12M is an 80 x 80 x 15 mm axial cooling fan operating at 12 VDC with a 0.15 A current rating. The unit features a dual ball bearing system housed within a PBT thermoplastic frame and impeller, meeting UL 94V-0 flammability standards. It utilizes a 2-wire interface with 250 mm lead wires for power connection. The internal motor is brushless DC with impedance protection, providing consistent rotational speed and airflow through seven high-efficiency blades.

### FSY81B12M Specifications

Model: FSY81B12M

Brand: FONSONING

Dimensions: 80 x 80 x 15 mm

Rated Voltage: 12 VDC

Operating Voltage: 10.8 to 13.2 VDC

Rated Current: 0.15 A

Input Power: 1.8 W

Rated Speed: 3000 RPM

Maximum Airflow: 28.5 CFM

Static Pressure: 3.2 mmH<sub>2</sub>O

Noise Level: 31.5 dBA

Bearing Type: Dual Ball Bearing

Frame Material: PBT Plastic (UL 94V-0)  
Impeller Material: PBT Plastic (UL 94V-0)  
Lead Wire: 2-wire, 250 mm length  
Operating Temperature: -10 to +70 °C  
Storage Temperature: -40 to +75 °C  
Life Expectancy: 50,000 hours at 40 °C  
Weight: 55 g

#### FSY81B12M Applications

Primary applications include integration into compact server chassis, network switch enclosures, and power supply units requiring slim-profile thermal management. Deployed within medical diagnostic equipment, industrial control panels, and LED display cooling systems where continuous operation and high reliability are required.

## Supplemental Images

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