

FSY81B24H Fonsoning 24VDC 80mm Industrial Axial Fan Datasheet



SKU: [670798903245](#)

Category: Axial & Centrifugal Fans

Price: **\$7.99**

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Product Page:

<https://www.equipspares.com/product/fsy81b24h-fonsoning-24vdc-80mm-industrial-axial-fan>

Product Description

The Fonsoning FSY81B24H is a precision-engineered DC Axial Fan designed for critical thermal management applications. Utilizing advanced brushless DC motor technology combined with a durable ball bearing architecture, this unit ensures reduced friction and optimized rotational stability. The aerodynamic impeller design minimizes turbulence while maximizing airflow efficiency, effectively lowering thermal impedance within high-density enclosures. Constructed with high-grade thermoplastic materials, the frame offers superior structural rigidity and resistance to environmental stress, making it an ideal solution for continuous duty cycles in demanding industrial environments.

Model Number: FSY81B24H

Brand: Fonsoning

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.15 A

Power Consumption: 3.60 W

Rated Speed: 3200 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 41.0 CFM (69.6 m³/h / 1.16 m³/min)

Max. Static Pressure: 3.8 mmH₂O (37.2 Pa / 0.15 inH₂O)

Dimensions: 80 x 80 x 25 mm

Weight: 86 g

Life Expectancy: 50,000 Hours at 40°C

Noise Level: 34.0 dB(A)

Housing Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Termination: 2-Wire Lead

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20

Insulation Class: Class A

Motor Protection: Impedance Protected

Mounting Orientation: Any

The FSY81B24H is engineered to deliver reliable cooling performance in diverse industrial sectors, including telecommunications cabinets and server rack ventilation systems. Its robust design makes it suitable for CNC machinery control panels and medical instrumentation where consistent airflow is paramount. By maintaining optimal operating temperatures, the FSY81B24H prevents component overheating, ensuring the longevity and stability of sensitive electronic equipment in automation and power supply units.

Supplemental Images

