

DSB0824M-7X46 Delta 24VDC 0.09A 80x80x25mm Axial Fan Datasheet



Brand: Delta

SKU: [930945920656](#)

Category: Axial & Centrifugal Fans

Price: **\$21.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/dsb0824m-7x46-delta-24vdc-0-09a-80x80x25mm-axial-fan>

Product Description

The Delta DSB0824M-7X46 is a DC Axial Fan engineered for reliable thermal management in industrial and electronic environments. This unit utilizes a precision-engineered sleeve bearing system, which offers a cost-effective solution with low acoustic noise generation suitable for stationary equipment. The aerodynamic impeller design is optimized to deliver consistent airflow while maintaining structural rigidity under continuous operation. Powered by a 24VDC brushless motor, the fan ensures efficient energy conversion with a low power draw of 2.16W. The housing is constructed from durable PBT plastic, meeting UL94V-0 flammability standards, ensuring safety and compliance in critical hardware integrations. Its 3-wire configuration supports speed monitoring, allowing for active system feedback and thermal regulation.

Model Number: DSB0824M-7X46

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.09 A

Power: 2.16 W

Rated Speed: 3000 RPM

Bearing Type: Sleeve Bearing

Max. Air Flow: 37.0 CFM (62.8 m³/h / 1.05 m³/min)
Max. Static Pressure: 3.54 mmH₂O (34.7 Pa / 0.14 inH₂O)
Dimensions: 80 x 80 x 25 mm
Weight: 80 g
Life Expectancy: 30,000 Hours at 40°C
Termination: 4-Wire Leads
Housing Material: PBT Plastic (UL94V-0)
Operating Temperature: -10 to +70 °C
Speed Control: Tachometer Output (Frequency Generator)
Ingress Protection: IP20

The DSB0824M-7X46 is widely deployed in chassis cooling applications where moderate static pressure and reliable airflow are required. Common implementations include server rack ventilation, power supply unit (PSU) cooling, and industrial automation control cabinets. The DSB0824M-7X46 is also suitable for telecommunications equipment and network switches, providing essential heat dissipation to prevent component throttling and extend hardware lifespan.

Supplemental Images

