V80E12BS2A5-07T841 Nidec 12VDC 1.95A 80x80x38mm Axial Fan Datasheet

Brand: Nidec

SKU: 1001497149997

Category: Axial & Centrifugal Fans

Price: **$25.99**

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Product Page:
https://www.equipspares.com/product/v80e12bs2a5-07t841-nidec-12vdc-1-95a-80x80x38mm-axial-fan

Product Description

The Nidec V80E12BS2A5-07T841 is a high-performance axial fan from the UltraFlo series, engineered for demanding industrial cooling applications. This 80x80x38mm cooling solution operates at a rated 12VDC with a robust 1.95A current draw, delivering exceptional airflow and static pressure. Designed for precision thermal management, the V80E12BS2A5-07T841 features a 4-wire interface supporting PWM speed control and tachometer output for real-time monitoring. Its heavy-duty construction and dual ball bearing system ensure long-term reliability in high-density server environments, telecommunications infrastructure, and industrial power supplies where consistent 12VDC cooling is critical.

Model Number: V80E12BS2A5-07T841
Brand: Nidec
Product Type: Axial Fan
Rated Voltage: 12VDC
Voltage Range: 7.0 - 13.2 VDC
Rated Current: 1.95A
Power: 23.4W
Rated Speed: 11000 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 115.0 CFM (195.4 m^3/h)

Max. Static Pressure: 45.0 mmH2O (441.3 Pa)
Dimensions: 80x80x38mm
Weight: 210g
Life Expectancy: 70,000 Hours
Speed Control: PWM
Monitoring Output: Tachometer
Termination: 4-Wire Lead Wires
Housing Material: UL94V-0 Plastic
Blade Material: UL94V-0 Plastic
Operating Temperature: -10C to +70C
Storage Temperature: -40C to +75C
Protection: Locked Rotor Protection, Reverse Polarity Protection

The V80E12BS2A5-07T841 is primarily utilized in high-density server racks and enterprise networking hardware where space is limited but heat dissipation requirements are extreme. Due to its high static pressure capabilities, the V80E12BS2A5-07T841 is also an ideal choice for cooling industrial power supplies, medical imaging equipment, and CNC control cabinets. Its 4-wire PWM functionality allows for precise thermal regulation in automated systems, ensuring that the V80E12BS2A5-07T841 maintains optimal operating temperatures for sensitive electronic components.

Supplemental Images