

9S1212M401 Sanyo Denki 12VDC 120x120x25mm Silent Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [1009809628668](#)

Category: Axial & Centrifugal Fans

Price: **\$15.99**

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Product Page:

<https://www.equipspares.com/product/9s1212m401-sanyo-denki-12vdc-120x120x25mm-silent-axial-fan>

Product Description

The Sanyo Denki 9S1212M401 is a precision-engineered DC Axial Fan designed for applications requiring a superior balance between acoustic performance and thermal efficiency. Part of the renowned San Ace 120 Silent Series, this unit utilizes advanced aerodynamic blade geometry to minimize air turbulence and reduce noise generation while maintaining consistent airflow delivery. The motor assembly features a robust DC drive system integrated with high-grade dual ball bearings, ensuring exceptional rotational stability and reduced friction over extended operational lifespans. Constructed with a flame-retardant frame, the 9S1212M401 offers superior structural rigidity and optimized thermal impedance management, making it an ideal solution for noise-sensitive industrial and electronic cooling environments.

Model Number: 9S1212M401

Brand: Sanyo Denki

Series: San Ace 120 (9S Type)

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Operating Voltage Range: 6.0 - 13.8 VDC

Rated Current: 0.13 A

Rated Power: 1.56 W

Rated Speed: 1850 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 55.8 CFM (94.8 m³/h / 1.58 m³/min)

Max. Static Pressure: 1.9 mmH₂O (18.6 Pa / 0.07 inH₂O)

Noise Level: 24 dB(A)

Dimensions: 120 x 120 x 25 mm

Weight: 140 g

Life Expectancy: 40,000 Hours at 60°C / 70,000 Hours at 40°C

Operating Temperature: -10°C to +70°C

Storage Temperature: -30°C to +70°C

Frame Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Motor Protection: Locked Rotor Protection, Reverse Polarity Protection

Dielectric Strength: 50/60 Hz, 500 VAC, 1 minute

Insulation Resistance: 10 MΩ or more at 500 VDC

Termination: Lead Wires

The 9S1212M401 is engineered for critical cooling tasks where acoustic signatures must be kept to a minimum without compromising thermal displacement. Common deployments include medical instrumentation, home theater PC setups, and quiet server rack environments where noise pollution is a primary concern. The 9S1212M401 is also frequently utilized in precision laboratory equipment and telecommunications cabinets, ensuring reliable heat dissipation for sensitive electronic components.

Supplemental Images

