109P0424H7D28 Sanyo Denki 24VDC 40x40x15mm 3-Wire Axial Fan Datasheet

Brand: Sanyo Denki

SKU: 675991420681

Category: Axial & Centrifugal Fans

Price: **$29.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/109p0424h7d28-sanyo-denki-24vdc-40x40x15mm-3-wire-axial-fan

Product Description

The Sanyo Denki 109P0424H7D28 is a DC Axial Fan engineered for high-reliability applications within the acclaimed San Ace 40 series. Utilizing a precision dual ball bearing architecture, this component ensures minimal friction and extended operational service life, even under continuous industrial loads. The unit features an aerodynamically optimized impeller design that effectively balances airflow delivery with static pressure capabilities, significantly reducing thermal impedance in compact enclosures. Constructed with high-grade, flame-retardant thermoplastics to UL94V-0 standards, the frame provides essential structural rigidity while maintaining a lightweight profile suitable for diverse electromechanical integration.

Model Number: 109P0424H7D28
Brand: Sanyo Denki
Series: San Ace 40
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.08 A
Power Consumption: 1.92 W
Rated Speed: 7500 RPM
Bearing Type: Dual Ball Bearing

Max. Air Flow: 7.06 CFM (12.0 m^3/h / 0.20 m^3/min)
Max. Static Pressure: 5.4 mmH_2O (53 Pa / 0.21 inH_2O)
Dimensions: 40x40x15mm
Weight: 45 g
Life Expectancy: 40,000 Hours @ 60°C
Noise Level: 32 dB(A)
Frame Material: Plastic (UL94V-0)
Impeller Material: Plastic (UL94V-0)
Termination: 3-Wire Leads
Sensor Type: Locked Rotor Sensor / Pulse (D28 Code)
Operating Temperature: -10°C to +70°C
Storage Temperature: -30°C to +70°C
Ingress Protection: IP40
Safety Certifications: UL, CSA, TUV
Mounting Orientation: Any

The 109P0424H7D28 is specifically designed to meet the rigorous demands of industrial automation and precision electronics cooling. Frequently utilized in Fanuc CNC machinery and servo drive systems as an OEM replacement, the 109P0424H7D28 ensures stable thermal management for critical control boards and power supply units. Its compact form factor makes it an ideal solution for telecommunications equipment, network switches, and high-density server rack enclosures where space is at a premium but reliability cannot be compromised.

Supplemental Images