9PF0424H304 Sanyo Denki 24VDC 40x40x28mm Axial Fan Datasheet

Brand: Sanyo Denki

SKU: 975869618249

Category: Axial & Centrifugal Fans

Price: **$51.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/9pf0424h304-sanyo-denki-24vdc-40x40x28mm-axial-fan

Product Description

The Sanyo Denki 9PF0424H304 is a high-performance DC Axial Fan belonging to the robust San Ace 40 series. Engineered with a precision dual ball bearing system, this unit ensures exceptional rotational stability and extended service life under continuous operation. The fan features an optimized impeller design that delivers high static pressure, making it effective for overcoming significant thermal impedance in dense electronic assemblies. Constructed with a flame-retardant PBT frame, the 9PF0424H304 offers superior structural rigidity and vibration resistance, ensuring reliable thermal management for sensitive industrial equipment.

Model Number: 9PF0424H304
Brand: Sanyo Denki
Product Type: DC Axial Fan
Series: San Ace 40 (9PF Type)
Rated Voltage: 24 VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.095 A
Power Consumption: 2.28 W
Rated Speed: 11000 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 14.83 CFM (25.2 m^3/h / 0.42 m^3/min)

Max. Static Pressure: 14.2 mmH_2O (140 Pa / 0.56 inH_2O)
Dimensions: 40 x 40 x 28 mm
Weight: 53 g
Life Expectancy: 40,000 Hours (L10 at 60°C)
Frame Material: PBT Plastic (UL94V-0)
Impeller Material: PBT Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -30°C to +70°C
Noise Level: 42 dB(A)
Termination: Lead Wires
Ingress Protection: IP40
Safety Certifications: UL, CSA, TUV

The 9PF0424H304 is specifically engineered for critical cooling within industrial automation systems, serving as a direct replacement for Fanuc drive cooling modules. Its high static pressure capabilities make the 9PF0424H304 suitable for server rack spot cooling, CNC machinery electronics, and telecommunications equipment where airflow must be maintained against significant backpressure. Integrators rely on the 9PF0424H304 to maintain thermal stability in compact control cabinets and mission-critical electronic enclosures.

Supplemental Images