# 109P0812H7D04 Sanyo Denki 12VDC 80x80x15mm Silent Axial Fan Datasheet


**Brand:** Sanyo Denki

**SKU:** 1004638882588

**Category:** Axial & Centrifugal Fans

**Price:** **$8.99**

**E-mail:** sales@equipspares.com

**Web:** https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/109p0812h7d04-sanyo-denki-12vdc-80x80x15mm-silent-axial-fan

## Product Description

The Sanyo Denki 109P0812H7D04 is a precision-engineered DC axial fan designed for applications requiring a compact thermal solution within a slim 15mm profile. Part of the renowned San Ace series, this unit utilizes advanced motor technology to deliver consistent airflow while maintaining low acoustic emissions. The construction features a robust PBT housing and impeller, optimized to reduce structural vibration and enhance aerodynamic efficiency. Equipped with a durable ball bearing system, the 109P0812H7D04 ensures long-term reliability and stable operation, making it an ideal component for managing thermal impedance in space-constrained electronic enclosures and industrial instrumentation.

Model Number: 109P0812H7D04
Brand: Sanyo Denki (San Ace)
Product Type: DC Axial Fan
Series: San Ace 80 (P Type)
Rated Voltage: 12 VDC
Voltage Range: 10.2 - 13.8 VDC
Rated Current: 0.09 A
Power Consumption: 1.08 W
Rated Speed: 2900 RPM
Bearing Type: Dual Ball Bearing

Max. Air Flow: 22.6 CFM (0.64 $m^3$/min)
Max. Static Pressure: 2.3 $mmH_2O$ (22.5 Pa)
Dimensions: 80 x 80 x 15 mm
Weight: 80 g
Noise Level: 28 dB(A)
Termination: 3-Wire (Lead Wire)
Sensor Type: Pulse Sensor (Tachometer)
Frame Material: Plastics (UL94V-0)
Impeller Material: Plastics (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -30°C to +70°C
Life Expectancy: 40,000 Hours (at 60°C)
Dielectric Strength: 50/60 Hz, 500 VAC, 1 minute
Motor Protection: Locked Rotor Burnout Protection, Reverse Polarity Protection

The 109P0812H7D04 is specifically engineered for integration into low-profile electronic assemblies where vertical clearance is limited. Common deployment scenarios include 1U server rack cooling, compact power supply units, and medical instrumentation panels requiring reliable heat dissipation. The 109P0812H7D04 excels in maintaining optimal operating temperatures in network switches and telecommunications equipment, ensuring component longevity through consistent airflow delivery.

## Supplemental Images