

# 109P0612S7D05 Sanyo Denki 12VDC 60x60x15mm Axial Fan Datasheet



**Brand:** Sanyo Denki

**SKU:** [1016814013568](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$12.99**

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Product Page:

<https://www.equipspares.com/product/109p0612s7d05-sanyo-denki-12vdc-60x60x15mm-axial-fan>

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## Product Description

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The Sanyo Denki 109P0612S7D05 is a precision-engineered DC Axial Fan designed for high-reliability thermal management applications within the renowned San Ace 60 series. Featuring a slim 15mm profile, this unit is specifically optimized for space-constrained enclosures where airflow efficiency and structural rigidity are paramount. It utilizes a robust dual ball bearing architecture to minimize rotational friction and extend operational lifespan, ensuring consistent performance under continuous duty cycles. The aerodynamic impeller design effectively reduces thermal impedance while maintaining a low acoustic signature, making it suitable for sensitive electronic environments requiring stable forced convection.

Model Number: 109P0612S7D05

Brand: Sanyo Denki

Product Type: DC Axial Fan

Series: San Ace 60 (P Series)

Rated Voltage: 12 VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.15 A

Input Power: 1.8 W

Rated Speed: 3700 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 16.2 CFM (0.46 m<sup>3</sup>/min)  
Max. Static Pressure: 2.7 mmH<sub>2</sub>O (26.5 Pa / 0.11 inH<sub>2</sub>O)  
Dimensions: 60 x 60 x 15 mm  
Weight: 45 g  
Noise Level: 29 dB(A)  
Life Expectancy: 60,000 Hours (at 40°C)  
Termination: 3-Wire Leads  
Sensor Type: Pulse Sensor (Tachometer)  
Frame Material: Plastics (UL94V-0)  
Impeller Material: Plastics (UL94V-0)  
Operating Temperature: -10 to +70°C  
Storage Temperature: -30 to +70°C  
Protection: Locked Rotor Protection, Reverse Polarity  
Ingress Protection: IP40 (Standard)

The 109P0612S7D05 is engineered for critical cooling tasks in compact industrial and IT equipment. Its slim profile makes it an excellent choice for 1U server racks, network switches, and power supply units where vertical clearance is strictly limited. Additionally, the 109P0612S7D05 is frequently utilized in medical instrumentation and telecommunications hardware, providing reliable forced convection to dissipate heat from processors and power regulators without introducing excessive vibration or noise.