9GA0812P1H701 Sanyo 12VDC 80x80x38mm PWM Axial Fan Datasheet

Brand: Sanyo Denki

SKU: 877937050183

Category: Axial & Centrifugal Fans

Price: **$12.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/9ga0812p1h701-sanyo-12vdc-80x80x38mm-pwm-axial-fan

Product Description

The Sanyo 9GA0812P1H701 is a precision-engineered DC Axial Fan designed for critical thermal management in high-density electronic enclosures. Part of the renowned San Ace 80 9GA series, this unit leverages advanced DC motor technology and a robust dual ball bearing architecture to minimize friction and ensure exceptional operational longevity. The impeller features an optimized aerodynamic profile that delivers high static pressure while maintaining superior energy efficiency, significantly reducing thermal impedance within restricted spaces. Constructed with a reinforced frame for structural rigidity, the 9GA0812P1H701 integrates Pulse Width Modulation (PWM) for dynamic speed control, allowing for precise airflow regulation relative to the system's thermal load.

Model Number: 9GA0812P1H701
Brand: Sanyo Denki
Series: San Ace 80 (9GA Type)
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Operating Voltage Range: 10.8 - 13.2 VDC
Rated Current: 0.6 A
Rated Power: 7.2 W
Rated Speed: 6600 RPM
Max. Air Flow: 75.9 CFM (2.15 m^3/min)

Max. Static Pressure: 230 Pa (23.5 mmH_2O / 0.92 inH_2O)
Bearing Type: Dual Ball Bearing
Dimensions: 80 x 80 x 38 mm
Noise Level: 48 dB(A)
Speed Control: PWM (Pulse Width Modulation)
Termination: 4-Wire Lead
Frame Material: Plastics (Flammability: UL94V-0)
Impeller Material: Plastics (Flammability: UL94V-0)
Operating Temperature: -20°C to +70°C
Life Expectancy: 40,000 Hours (at 60°C)
Motor Protection: Locked Rotor Burnout Protection, Reverse Polarity Protection
Weight: 170 g

Designed for environments requiring substantial airflow against high system resistance, the 9GA0812P1H701 excels in server rack cooling and telecommunications infrastructure. Its high static pressure capabilities make it ideal for forcing air through dense component arrays in industrial automation equipment and high-wattage power supply units. The 9GA0812P1H701 is also frequently utilized in medical instrumentation and CNC machinery where reliable thermal regulation is paramount for continuous, uninterrupted operation.

Supplemental Images


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San Ace 80
MODEL 9GA0812P1H701
DC 12V 0.6A
TP 072216P
SANYO DENKI
Made in The Philippines