

06025SA-12R-AU-D1 NMB 12V 0.31A DC Axial Fan

SKU: 06025SA-12R-AU-D1

Price: \$23.14

Categories: Fans

Tags: NMB

Product Link:

<https://www.electspares.com/product/06025sa-12r-au-d1-nmb-12v-0-31a-dc-axial-fan/>

Product Description

The NMB 06025SA-12R-AU-D1 is a high-performance DC Axial Fan with measuring dimensions of 60 x 60 x 25 mm. It operates on a rated voltage of 12 VDC with a high current consumption of 0.31 A, resulting in a power input of 3.72 W. This fan achieves a maximum speed of approximately 6800 RPM, delivering a strong airflow of 56.6 m³/h (33.3 CFM) and generating a high static pressure of 117.0 Pa (0.47 inAq). It is constructed entirely from plastic, features a robust Ball Bearing system, and utilizes a 4-Wire termination for precise control and monitoring via PWM and Tachometer signals.

06025SA-12R-AU-D1 Fan Parameters

Model: 06025SA-12R-AU-D1

Manufacturer: NMB Technologies Corporation

Type: DC Axial Fan

Dimensions: 60 x 60 x 25 mm

Rated Voltage: 12 VDC

Operating Voltage Range: 7 ~ 13.2 VDC

Rated Current: 0.31 A

Rated Input Power: 3.72 W

Speed: 6800 RPM

Airflow: 56.6 m³/h (33.3 CFM)

Static Pressure: 117.0 Pa (0.47 inAq)

Noise Level: 40.0 dB(A)

Bearing Type: Ball

Termination: 4-Wire Leads (PWM & Tachometer)

Life Expectancy: 40000 Hrs

Motor Characteristics: With Automatic Restart

Operating Temperature: -10 ~ 70 °C

Material Frame: Plastic

Material Blade: Plastic

Application

The 06025SA-12R-AU-D1 is built for mission-critical cooling in environments demanding both high air movement and smart speed control. Its 4-Wire configuration is essential for integration into sensitive systems like advanced telecommunications chassis, high-density storage arrays (NAS/SAN), or laboratory equipment, allowing system controllers to dynamically adjust fan speed based on thermal load for optimized efficiency and noise reduction.

Product Images



Scan for product details:

