06020SA-12N-AU-01 NMB 12VDC 0.14A 60x20mm Axial Fan Datasheet

Brand: NMB

SKU: 757790578091

Category: Axial & Centrifugal Fans

Price: **$17.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/06020sa-12n-au-01-nmb-12vdc-0-14a-60x20mm-axial-fan

Product Description

The 06020SA-12N-AU-01 is a high-performance DC axial fan engineered for precision thermal management in space-constrained industrial environments. Operating at a nominal 12VDC with a 0.14A current draw, this 60x20mm unit utilizes a dual ball bearing system to ensure a service life of 40,000 hours at 60°C. It delivers a maximum airflow of 20.5CFM (0.58m³/min) and a static pressure of 52.1Pa, featuring a 4-wire interface for advanced PWM speed control and tachometer feedback to maintain optimal cooling efficiency under varying thermal loads.

06020SA-12N-AU-01 Specifications
Model Number: 06020SA-12N-AU-01
Brand: NMB Technologies (MinebeaMitsumi)
Category: DC Axial Fan
Nominal Voltage: 12VDC
Operating Voltage Range: 6.0V to 13.8VDC
Rated Current: 0.14A
Input Power: 1.68W
Fan Speed: 4400 RPM
Maximum Air Flow: 20.5 CFM
Maximum Air Flow: 0.58 m³/min
Maximum Static Pressure: 0.21 In H2O

Maximum Static Pressure: 52.1 Pa
Noise Level: 30.5 dBA
Bearing Type: Dual Ball Bearing
Frame Size: 60mm x 60mm
Frame Depth: 20mm
Mass: 56g
Termination: 4-Wire Lead (PWM Control + Tachometer)
Life Expectancy: 40,000 Hours at 60°C (L10)
Material Frame: Plastic (UL 94V-0)
Material Impeller: Plastic (UL 94V-0)
Insulation Resistance: 10M Ohm min at 500VDC
Dielectric Withstand Voltage: AC 700V 1s
Operating Temperature: -10 to +70°C
Storage Temperature: -40 to +70°C

06020SA-12N-AU-01 Applications
Active thermal regulation for 1U/2U rackmount servers, network switches, and telecommunications blade systems. Integrated cooling for switch-mode power supplies (SMPS), industrial workstations, and high-density electronic enclosures requiring PWM-modulated airflow.

Supplemental Images