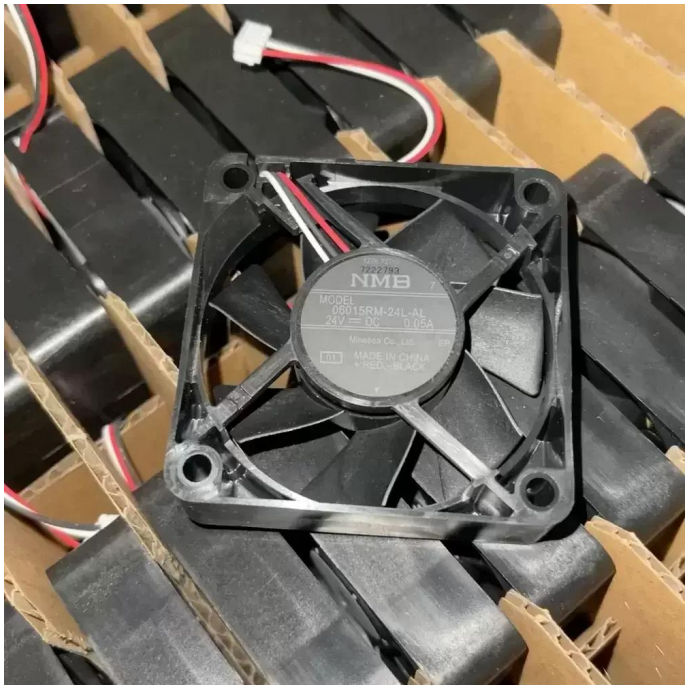
6001SRM-24L-AL-01 NMB 24VDC 60mm Silent Axial Fan Datasheet



Brand: NMB

SKU: 858842107550

Category: Axial & Centrifugal Fans

Price: **$15.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page: https://www.equipspares.com/product/6001srm-24l-al-01-nmb-24vdc-60mm-silent-axial-fan

Product Description

The NMB 6001SRM-24L-AL-01 is a precision-engineered DC cooling fan designed for critical thermal management in industrial electronics. Utilizing NMB's advanced bearing technology, this unit ensures minimal friction and extended operational longevity under continuous duty cycles. The aerodynamic impeller design optimizes airflow while maintaining a low acoustic profile, making it suitable for noise-sensitive environments. Its robust structural rigidity and efficient motor commutation provide reliable heat dissipation, effectively lowering thermal impedance in high-density component assemblies.

Model Number: 6001SRM-24L-AL-01
Brand: NMB (MinebeaMitsumi)
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.05 A (Nominal) / 0.06 A (Max)
Power: 1.44 W
Rated Speed: 3200 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 18.5 CFM (31.4 m^3/h)
Max. Static Pressure: 3.2 mmH_2O (31.4 Pa)
Dimensions: 60mm x 60mm x 25mm

Weight: 65 g
Life Expectancy: 60,000 Hours at 40°C
Noise Level: 24 dBA
Housing Material: PBT (UL94V-0)
Impeller Material: PBT (UL94V-0)
Termination: 2-Wire Leads
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Mounting Orientation: Any
Ingress Protection: IP40
Origin: China
Condition: New/Unused

The 6001SRM-24L-AL-01 is engineered for integration into precision electronic equipment requiring stable thermal regulation. Common deployment scenarios include cooling power supply units in server racks, ventilation for medical diagnostic instrumentation, and heat dissipation in telecommunication switching gear. The 6001SRM-24L-AL-01 is also frequently utilized in industrial automation control panels and CNC machinery where consistent airflow and low vibration are critical for maintaining system integrity and preventing component overheating.

Supplemental Images