

09533GS-24L-AMD-1 NMB 24VDC 95x33mm PWM Blower Fan Datasheet



Brand: NMB

SKU: [1014923686681](#)

Category: Axial & Centrifugal Fans

Price: **\$15.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/09533gs-24l-amd-1-nmb-24vdc-95x33mm-pwm-blower-fan>

Product Description

The NMB 09533GS-24L-AMD-1 is a precision-engineered centrifugal blower fan designed for high-static pressure applications where directed airflow is critical. Utilizing MinebeaMitsumi's advanced DC motor technology, this unit features a robust double ball bearing system that ensures long-term operational stability and reduced thermal impedance within the motor assembly. The aerodynamic impeller design optimizes air intake and exhaust efficiency, minimizing turbulence while maintaining structural rigidity under load. Engineered for industrial reliability, the 09533GS-24L-AMD-1 integrates a 4-wire interface, supporting Pulse Width Modulation (PWM) for precise speed regulation and thermal management in compact enclosures.

Model Number: 09533GS-24L-AMD-1

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: Centrifugal Blower Fan

Rated Voltage: 24V DC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.29 A

Power Consumption: 6.96 W

Rated Speed: 3600 RPM

Bearing Type: Double Ball Bearing

Max. Air Flow: 26.50 CFM (45.0 m³/h / 0.75 m³/min)

Max. Static Pressure: 16.5 mmH₂O (161.8 Pa / 0.65 inH₂O)

Dimensions: 95mm x 95mm x 33mm

Weight: 170 g

Life Expectancy: 50,000 Hours at 40°C

Speed Control: 4-Wire PWM / Tachometer Signal

Ingress Protection: IP40

Insulation Class: Class E

Noise Level: 43.5 dBA

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Termination: 4-Wire Lead with Connector

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Mounting Orientation: Any

Certifications: UL, CSA, TUV, CE

Protection: Locked Rotor Protection, Reverse Polarity Protection

The 09533GS-24L-AMD-1 is specifically engineered for equipment requiring concentrated airflow to dissipate heat from high-density components. Common deployment scenarios include cooling lamp assemblies in high-lumen projectors and regulating temperatures in multifunction office copiers where space is constrained. The 09533GS-24L-AMD-1 is also suitable for industrial automation control cabinets, server rack spot cooling, and medical instrumentation where reliable back-pressure performance is mandatory. Its 4-wire control scheme allows these systems to dynamically adjust fan speed based on thermal load.

Supplemental Images

