

08025VE-12P-GLD NMB 12VDC 80x80x25mm Waterproof Axial Fan Datasheet



Brand: NMB

SKU: [923209818395](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/08025ve-12p-gld-nmb-12vdc-80x80x25mm-waterproof-axial-fan>

Product Description

The NMB 08025VE-12P-GLD is a precision-engineered Axial Fan designed for demanding industrial environments where reliability is paramount. Utilizing advanced DC brushless motor technology and a robust dual ball bearing architecture, this unit significantly reduces thermal impedance while maintaining exceptional structural rigidity under stress. Its aerodynamic impeller design optimizes airflow delivery against system resistance, ensuring consistent heat dissipation in systems requiring ingress protection and operational longevity.

Model Number: 08025VE-12P-GLD

Brand: NMB (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.30 A

Power: 3.60 W

Rated Speed: 4200 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 53.0 CFM (90.0 m³/h / 1.50 m³/min)

Max. Static Pressure: 6.80 mmH₂O (66.6 Pa / 0.27 inH₂O)

Dimensions: 80x80x25mm

Weight: 95 g

Life Expectancy: 60,000 Hours @ 40°C

Speed Control: Alarm Signal (Locked Rotor Sensor)

Ingress Protection: Waterproof (IP55 Rated)

Insulation Class: Class E

Noise Level: 40.0 dB(A)

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Termination: 3-Wire Lead

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Mounting Orientation: Any

Certifications: UL, CSA, TUV, CE

Protection: Reverse Polarity, Locked Rotor Protection

The 08025VE-12P-GLD is specifically engineered for critical cooling applications such as outdoor telecommunications cabinets, CNC machinery, and industrial automation control panels where moisture resistance is required. Its ruggedized construction makes the 08025VE-12P-GLD particularly suitable for environments exposed to humidity or particulate matter, protecting sensitive electronics in medical devices and power supply units.

Supplemental Images

