

06038DA-12S-EWF-D NMB 12VDC 2.80A 60x38mm DC Axial Fan Datasheet



Brand: NMB

SKU: 1035578987383

Category: Axial & Centrifugal Fans

Price: \$18.57

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Product Page:

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Product Description

The NMB 06038DA-12S-EWF-D is a high-performance DC axial cooling fan engineered for extreme thermal management in space-constrained industrial environments. Operating at a nominal 12VDC with a high current draw of 2.80A, this 60x38mm unit delivers a massive 73.1CFM airflow and 887Pa static pressure. It features a precision dual ball bearing system for a 70,000-hour service life and a 4-wire interface supporting PWM speed control and tachometer output for real-time system monitoring.

06038DA-12S-EWF-D Specifications

Model Number: 06038DA-12S-EWF-D

Brand: NMB Technologies (MinebeaMitsumi)

Category: DC Axial Fan / PWM Speed Control Fan

Frame Size: 60mm x 60mm

Frame Depth: 38mm

Nominal Voltage: 12VDC

Operating Voltage Range: 10.8V to 13.2VDC

Rated Current: 2.80A (Max)

Input Power: 33.6W

Rated Speed: 17000 RPM

Maximum Air Flow: 73.1 CFM (2.07 m³/min)

Maximum Static Pressure: 3.56 In H₂O (887 Pa)

Noise Level: 66.5 dB

Bearing Type: Dual Ball Bearing

Speed Control: PWM (Pulse Width Modulation)

Output Signal: Tachometer / Locked Rotor Sensor

Wiring: 4-Wire Lead (Red: +, Black: -, White: Tach, Brown: PWM)

Mass: 125g

Life Expectancy: 70,000 Hours at 40°C (L10)

Frame Material: Plastic (UL 94V-0)

Impeller Material: Plastic (UL 94V-0)

Protection: Auto Restart, Polarity Protection

06038DA-12S-EWF-D Applications

High-density thermal regulation for 1U/2U rack-mount servers, enterprise network switches, industrial frequency inverters, and high-capacity power supply units (PSU).

Supplemental Images

