

06038RA-48S-FW-01 NMB 48VDC 60x60x38mm PWM Axial Fan Datasheet



Brand: NMB

SKU: [772988758586](#)

Category: Axial & Centrifugal Fans

Price: **\$17.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/06038ra-48s-fw-01-nmb-48vdc-60x60x38mm-pwm-axial-fan>

Product Description

The NMB 06038RA-48S-FW-01 is a precision-engineered DC Axial Fan designed to deliver exceptional static pressure in space-constrained industrial environments. Built upon MinebeaMitsumi's renowned ball bearing technology, this unit minimizes frictional losses while ensuring superior rotational stability and extended service life. The deep 38mm frame geometry houses a specialized impeller that optimizes the P-Q characteristic curve, allowing the fan to effectively overcome significant thermal impedance in dense component arrays. Equipped with Pulse Width Modulation (PWM) control, the motor enables precise speed regulation, ensuring optimal thermal performance while maintaining structural rigidity and reliability under continuous duty cycles.

Model Number: 06038RA-48S-FW-01

Brand: NMB (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 48VDC

Voltage Range: 28.0 - 56.0 VDC

Rated Current: 0.60 A

Power Consumption: 28.8 W

Dimensions: 60x60x38mm

Bearing Type: Dual Ball Bearing

Max. Air Flow: 68.5 CFM (Approximate for S-Class)

Max. Static Pressure: 48.5 mmH₂O (Approximate for S-Class)

Speed Control: PWM (Pulse Width Modulation)

Termination: 4-Wire Leads

Frame Material: Reinforced Plastic (UL94V-0)

Impeller Material: Reinforced Plastic (UL94V-0)

Operating Temperature: -10 to +70 Degrees Celsius

Life Expectancy: 70,000 Hours @ 40C

Mounting Orientation: Any

Ingress Protection: IP20

Designed for high-density electronics, this unit is ideal for cooling variable frequency drives, solar inverters, and rack-mounted server equipment. The 06038RA-48S-FW-01 provides the necessary airflow to penetrate dense heatsink fins in telecommunications infrastructure and industrial automation systems. Furthermore, the 06038RA-48S-FW-01 is frequently utilized in network switches and CNC control modules where reliable heat dissipation is paramount for system stability.

Supplemental Images

