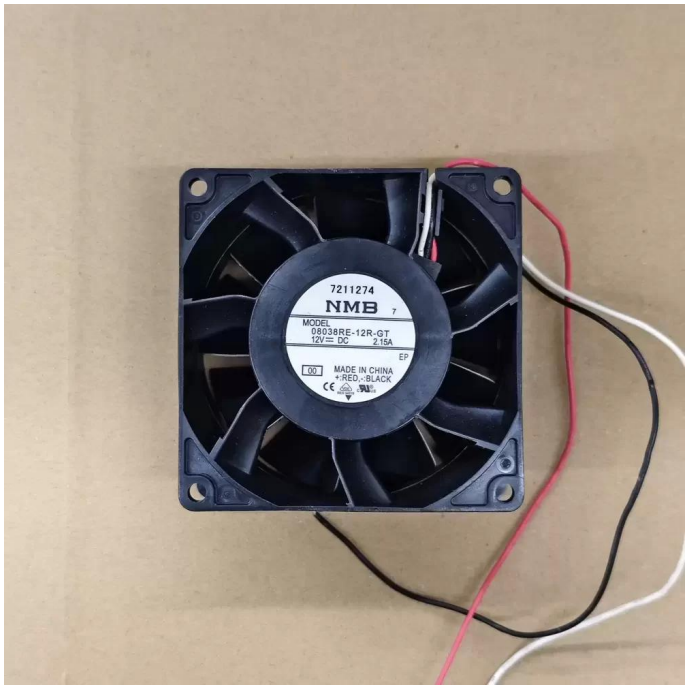
08038RE-12R-GT-00 NMB 12VDC 2.15A 80x80x38mm Axial Fan Datasheet



Brand: NMB

SKU: 1031362702938

Category: Axial & Centrifugal Fans

Price: **$22.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/08038re-12r-gt-00-nmb-12vdc-2-15a-80x80x38mm-axial-fan

Product Description

The NMB 08038RE-12R-GT-00 is a high-performance industrial DC axial fan engineered for extreme thermal management in harsh environments. Operating at a nominal 12 VDC with a high current draw of 2.15 A, this 80 mm unit delivers a substantial airflow of 105.9 CFM and a rotational speed of 7500 RPM. It features a robust dual ball bearing system and is uniquely rated at IP68/IP69K, providing total protection against dust ingress and high-pressure water jets. The 3-wire interface supports tachometer output for precise speed monitoring, ensuring reliability in mission-critical hardware.

08038RE-12R-GT-00 Specifications
Model Number: 08038RE-12R-GT-00
Brand: NMB Technologies (MinebeaMitsumi)
Product Category: DC Axial Fans
Rated Voltage: 12 VDC
Operating Voltage Range: 7 VDC to 13.2 VDC
Rated Current: 2.15 A
Input Power: 25.8 W
Rated Speed: 7500 RPM
Maximum Air Flow: 105.9 CFM (2.97 m^3/min)
Maximum Static Pressure: 310 Pa

Noise Level: 59.5 dBA
Dimensions: 80 x 80 x 38 mm
Bearing Type: Dual Ball Bearing
Ingress Protection: IP68 / IP69K (Dust-tight, Waterproof)
Termination: 3-Wire Leads (Red/Black/White or Yellow)
Frame Material: Plastic (UL 94V-0)
Impeller Material: Plastic (UL 94V-0)
Operating Temperature: -10 to 70 °C
Storage Temperature: -40 to 70 °C
Expected Life: 80,000 Hours at 25 °C
Motor Protection: Auto Restart / Polarity Protection
Insulation Resistance: 10 MΩ or over with a DC 500 V Megger
Dielectric Withstand Voltage: AC 700 V 1 s
Approvals: CE, cULus, VDE, RoHS3 Compliant
Weight: 210 g

08038RE-12R-GT-00 Applications

Industrial frequency inverters, high-density server racks, telecommunications base stations, and ruggedized power supply units. High-pressure washdown environments and outdoor industrial control cabinets.

Supplemental Images