04028DA-12P-EU-06 NMB 12VDC 0.88A 40x40x28mm Axial Fan Datasheet

Brand: NMB

SKU: 982857569729

Category: Axial & Centrifugal Fans

Price: **$14.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/04028da-12p-eu-06-nmb-12vdc-0-88a-40x40x28mm-axial-fan

Product Description

The NMB 04028DA-12P-EU-06 is a high-performance DC Axial Fan engineered by MinebeaMitsumi for demanding thermal management applications. This unit features advanced aerodynamic impeller geometry designed to maximize airflow while maintaining structural rigidity under high rotational speeds. Utilizing NMB's proprietary precision ball bearing technology, the motor assembly ensures minimal friction and extended operational longevity even under continuous load. The fan is optimized for low thermal impedance, making it suitable for high-density electronic enclosures requiring consistent and reliable forced convection cooling.

Model Number: 04028DA-12P-EU-06
Brand: NMB-MAT (MinebeaMitsumi)
Product Type: DC Axial Fan
Series: 1611DA
Rated Voltage: 12 VDC
Voltage Range: 7.0 - 13.2 VDC
Rated Current: 0.88 A
Input Power: 10.56 W
Rated Speed: 14300 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 26.5 CFM (45.0 m^3/h / 0.75 m^3/min)

Max. Static Pressure: 1.45 inH_2O (361 Pa / 36.8 mmH_2O)
Dimensions: 40 x 40 x 28 mm
Weight: 50 g
Life Expectancy: 70,000 Hours @ 40°C
Noise Level: 56.0 dB(A)
Speed Control: PWM (Pulse Width Modulation)
Signal Output: Tachometer (FG Sensor)
Termination: 4-Wire Leads
Housing Material: PBT Plastic (UL94V-0)
Impeller Material: PBT Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Mounting Orientation: Any
Ingress Protection: IP40
Certifications: UL, CSA, TUV, CE

This cooling solution is specifically calibrated for high-density server environments, including 1U rackmount chassis and the RM14300 enclosure systems. The 04028DA-12P-EU-06 provides the necessary static pressure to overcome flow resistance in tightly packed telecommunications equipment and industrial automation controllers. By integrating the 04028DA-12P-EU-06 into power supply units and network switches, operators ensure critical component stability through efficient heat dissipation in continuous duty cycles.

Supplemental Images