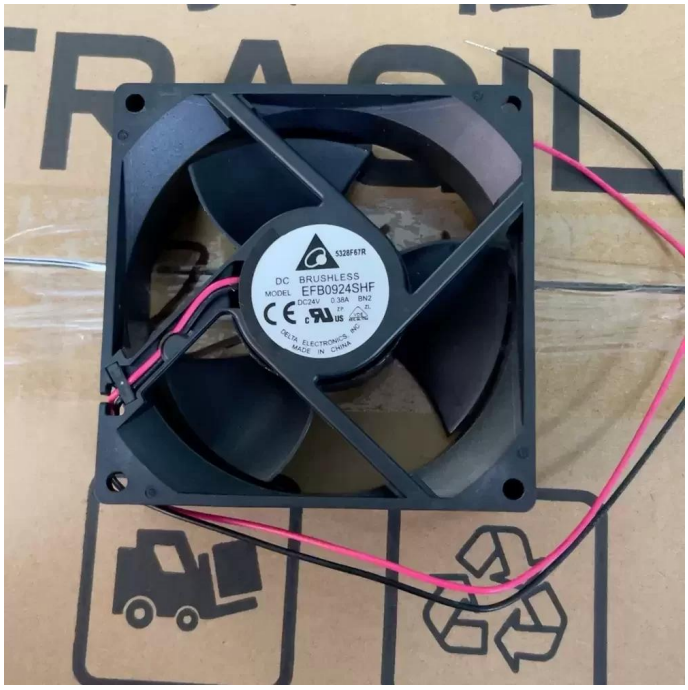
EFB0924SHF-BN2 Delta 24VDC 92x92x32mm Inverter Fan Datasheet



Brand: Delta

SKU: 947940329080

Category: Axial & Centrifugal Fans

Price: **$25.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/efb0924shf-bn2-delta-24vdc-92x92x32mm-inverter-fan

Product Description

The Delta EFB0924SHF-BN2 is a high-performance DC Axial Fan specifically engineered for demanding thermal regulation in industrial environments. Utilizing a robust Dual Ball Bearing architecture, this unit reduces frictional coefficients to ensure operational longevity and stability under continuous duty cycles. The 92mm chassis allows for high aerodynamic throughput, while the injection-molded PBT frame (UL 94V-0) provides essential structural rigidity. Powered by an efficient Brushless DC motor, the fan delivers significant static pressure and airflow density, making it an ideal solution for mitigating thermal impedance in densely packed electronic enclosures.

Model Number: EFB0924SHF-BN2
Brand: Delta Electronics
Product Type: DC Axial Fan
Rated Voltage: 24 VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.38 A
Input Power: 9.12 W
Rated Speed: 4800 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 102.04 CFM (173.2 m^3/h / 2.88 m^3/min)
Max. Static Pressure: 11.48 mmH_2O (112.5 Pa / 0.45 inH_2O)

Noise Level: 55.0 dBA
Dimensions: 92 x 92 x 32 mm
Weight: 190 g
Housing Material: Plastic (PBT UL 94V-0)
Impeller Material: Plastic (PBT UL 94V-0)
Termination: 2-Wire Leads with Connector
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +75°C
Ingress Protection: IP54 (Standard Construction)
Life Expectancy: 70,000 Hours (40°C)
Safety Certifications: UL, cUL, TUV, VDE, CE

Designed for critical heat dissipation tasks, the EFB0924SHF-BN2 is frequently integrated into industrial variable frequency drives (VFDs) and power inverter systems where reliability is paramount. The EFB0924SHF-BN2 maintains optimal operating temperatures for sensitive components in server racks, telecommunications switching gear, and CNC automation machinery, preventing thermal throttling and extending equipment lifespan.

Supplemental Images


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