GFB0848EW-00K68 Delta 48VDC 80x80x80mm Counter-Rotating Fan Datasheet

Brand: Delta

SKU: 961539373720

Category: Axial & Centrifugal Fans

Price: **$15.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/gfb0848ew-00k68-delta-48vdc-80x80x80mm-counter-rotating-fan

Product Description

The Delta GFB0848EW-00K68 is a high-performance counter-rotating axial fan designed for mission-critical thermal management in high-impedance environments. Engineered with a robust DC brushless motor architecture and precision ball bearing system, this unit ensures exceptional structural rigidity and operational longevity under continuous load. The aerodynamic profile features a dual-rotor configuration with differential speeds (18700/15100 RPM), optimizing the pressure curve to deliver significant static pressure capabilities. This design effectively mitigates thermal impedance in dense server enclosures and telecommunications infrastructure, ensuring reliable heat dissipation.

Model Number: GFB0848EW-00K68
Brand: Delta
Product Type: DC Axial Fan (Counter-Rotating)
Rated Voltage: 48 VDC
Voltage Range: 40.0 - 60.0 VDC
Rated Current: 5.0 A (Safety Label) / 2.9 A (Max Operating)
Power: 139.2 W (Based on Max Operating Current)
Rated Speed: Inlet 18700 RPM / Outlet 15100 RPM (±10%)
Bearing Type: Ball Bearing
Max. Air Flow: 185.0 CFM (314.3 m^3/h / 5.24 m^3/min)

Max. Static Pressure: 225.0 mmH_2O (2206.5 Pa / 8.86 inH_2O)
Dimensions: 80 x 80 x 80 mm
Mounting Orientation: Flange Mount
Housing Material: Plastic (UL94V-0)
Termination: Lead Wires

The GFB0848EW-00K68 is specifically engineered for applications requiring extreme static pressure to penetrate dense component layouts, such as 1U/2U server racks and high-performance computing clusters. Its robust airflow characteristics make the GFB0848EW-00K68 ideal for telecommunications base stations and automotive forced induction cooling systems where back-pressure resistance is critical. Additionally, this unit serves effectively in industrial automation equipment and precision medical devices that demand unfaltering thermal regulation.

Supplemental Images