FD128025MB-H Y.S.TECH 12VDC 80x80x25mm Axial Fan Datasheet

Brand: Y.S.TECH

SKU: 901887223192

Category: Axial & Centrifugal Fans

Price: **$13.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/fd128025mb-h-y-s-tech-12vdc-80x80x25mm-axial-fan

Product Description

The Y.S.TECH FD128025MB-H is a precision-engineered DC Axial Fan designed for rigorous industrial thermal management applications. Featuring an advanced Double Ball Bearing architecture, this unit reduces mechanical friction to ensure operational stability and extended service life under continuous electrical loads. The 80mm thermoplastic frame provides structural rigidity, while the aerodynamically optimized impeller blade geometry lowers thermal impedance and maximizes static pressure delivery, making it a robust solution for heat dissipation in densely packed electronic enclosures.

Model Number: FD128025MB-H
Brand: Y.S.TECH (Yuan Shan)
Product Type: DC Axial Fan
Rated Voltage: 12V DC
Voltage Range: 10.2 - 13.8 VDC
Rated Current: 0.32 A
Power Consumption: 3.84 W
Rated Speed: 3800 RPM
Bearing Type: Double Ball Bearing
Max. Air Flow: 48.0 CFM (81.55 m^3/h / 1.36 m^3/min)
Max. Static Pressure: 5.8 mmH_2O (56.88 Pa / 0.23 inH_2O)

Dimensions: 80 x 80 x 25 mm
Weight: 86 g
Life Expectancy: 60,000 Hours @ 40°C
Noise Level: 40.0 dBA
Housing Material: PBT Thermoplastic (UL94V-0)
Blade Material: PBT Thermoplastic (UL94V-0)
Termination: 4-Wire Lead
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Mounting Orientation: Any
Certifications: CE, UL, TUV, RoHS
Safety Protection: Impedance Protected

Designed for critical equipment cooling, the FD128025MB-H is extensively utilized in industrial power supply units (PSU) and server chassis environments requiring reliable airflow. Its high-static pressure capabilities make the FD128025MB-H ideal for venting accumulated heat from network-attached storage (NAS) systems, telecommunications racks, and automated CNC machinery controls where consistent thermal regulation is essential for component longevity.

Supplemental Images


Y.S.TECH
DC BRUSHLESS FAN
FD128025MB-H
DC12V 0.32A -EAG
MADE IN CHINA
231028DA
2W5YM-0+IP55