

X9225D24MB YH-XQF 24V 0.20A 92x92x25mm DC Axial Fan

SKU: X9225D24MB

Price: \$13.99

Categories: Fans

Tags: YH-XQF

Product Link:

<https://www.electspares.com/product/x9225d24mb-yh-xqf-24v-0-20a-92x92x25mm-dc-axial-fan/>

Product Description

The YH-XQF X9225D24MB is a 24VDC DC Axial Fan with dimensions of 92 x 92 x 25 mm, specifically optimized for thermal management in industrial frequency converters (VFDs) and heavy-duty truck electrical systems. This 92 mm unit is driven by a brushless DC motor with maintenance-free ball bearings and a simplified 2-wire lead wire connection. Operating on a 24 VDC supply (Nominal Voltage Range: 14.0 - 27.6 VDC), it delivers a Max. Power Consumption of 4.8 W and a Max. Current Draw of 0.20 A at a rated speed of 3200 RPM. This unit provides a Max. Air Flow of 58.0 CFM (98.5 m³/h / 1.64 m³/min) and a Max. Static Pressure of 5.40 mmH₂O (53.0 Pa / 0.21 inAq). Featuring a rugged PBT thermoplastic housing and impeller (UL 94V-0), it ensures high-performance cooling for sensitive power electronics and maintains an extended service life in continuous S1 environments at the end.

X9225D24MB Fan Parameters

Model Number: X9225D24MB

Manufacturer: YH-XQF

Type: DC Axial Fan

Dimensions: 92 x 92 x 25 mm

Weight: 95 g

Bearing Type: Ball bearing

Nominal Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Current Draw: 0.20 A

Max. Power Consumption: 4.8 W

Rated Speed: 3200 RPM

Max. Air Flow: 58.0 CFM (98.5 m³/h / 1.64 m³/min)

Max. Static Pressure: 5.40 mmH₂O (53.0 Pa / 0.21 inAq)

Noise Level: 38.0 dB(A)

Impeller Material: Thermoplastic PBT (UL 94V-0)

Housing Material: Thermoplastic PBT (UL 94V-0)

Direction of Rotation: Counter-clockwise (viewed toward rotor)

Direction of Airflow: Suction over struts

Insulation Class: "A"

Motor Protection: Polarity and locked rotor protection

Connection: 2-Wire Lead Wires

Mode: S1

Protection Class: III

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +80 °C

Standard Compliance: CE; RoHS

Application

The YH-XQF X9225D24MB fan is the primary cooling component for industrial frequency converters (VFD), high-power inverters, and truck electrical cabinets requiring efficient 24V DC axial airflow in a 92mm form factor.

Product Images







Scan for product details:

