

M2D068-CF ebm-papst 400VAC 3-Phase AC Centrifugal Fan Datasheet



Brand: ebmpapst

SKU: 718905993928

Category: Axial & Centrifugal Fans

Price: \$664.99

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Product Page:

<https://www.equipspares.com/product/m2d068-cf-ebm-papst-400vac-3-phase-ac-centrifugal-fan>

Product Description

The ebm-papst M2D068-CF is a high-efficiency AC Centrifugal Fan engineered for precision industrial cooling. Utilizing a robust 3-phase external rotor motor, this unit offers exceptional structural rigidity and low thermal impedance, ensuring optimal heat dissipation in demanding environments. The design incorporates a durable ball bearing architecture that enhances longevity and rotational stability under continuous operation. Its aerodynamic profile is calibrated to deliver consistent airflow while minimizing acoustic resonance, making it a critical component for maintaining the thermal equilibrium of sensitive machinery.

Model Number: M2D068-CF

Brand: ebm-papst

Product Type: AC Centrifugal Fan

Rated Voltage: 400 VAC

Frequency: 50 / 60 Hz

Phase: 3-Phase

Rated Current: 0.24 A

Power Input: 105 W

Rated Speed: 2650 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 205.0 CFM (348.3 m³/h / 5.8 m³/min)

Max. Static Pressure: 15.3 mmH₂O (150 Pa / 0.60 inH₂O)

Housing Material: Die-Cast Aluminum

Impeller Material: Sheet Steel

Ingress Protection: IP54

Insulation Class: F

Operating Temperature: -25°C to +60°C

Mounting Orientation: Any

Weight: 3.5 kg

Motor Protection: Thermal Overload Protector

Compliance: CE, RoHS

The M2D068-CF is specifically engineered for the rigorous thermal demands of industrial automation, serving as a primary cooling solution for Siemens spindle motors and heavy-duty CNC machinery. In manufacturing environments, the M2D068-CF ensures the operational stability of drive systems and control cabinets by effectively dissipating heat generated during high-speed processing. Its robust construction also makes it suitable for ventilation in power converters and transformer cooling, where reliability is paramount.

Supplemental Images

