

D2E160-AH01-17 ebmpapst 6SL3362-0AF01-0AA1 Siemens AC Centrifugal Fan 230V

SKU: D2E160-AH01-17

Price: \$1,224.31

Categories: Fans

Tags: ebmpapst, Siemens

Product Link:

<https://www.electspares.com/product/d2e160-ah01-17-ebmpapst-6sl3362-0af01-0aa1-siemens-ac-centrifugal-fan-230v/>

Product Description

The ebmpapst D2E160-AH01-17, alternatively identified as the Siemens 6SL3362-0AF01-0AA1, is a robust single-phase AC Forward-Curved Centrifugal Fan designed for high-performance thermal management in industrial equipment. This fan has a compact design with a 160 mm diameter and a substantial weight of 11 kg, featuring an M2E074-LA motor. It runs on a nominal voltage of 230 VAC and operates efficiently at both 50 Hz and 60 Hz frequencies. At 50 Hz, the fan achieves a speed of 2780 RPM, consuming 415 W of power with a current draw of 1.82 A. For 60 Hz operation, the speed increases to 3120 RPM, with a higher power consumption of 635 W and a current draw of 2.78 A. This unit can achieve a maximum static pressure of 760 Pa and deliver an airflow of up to 1195 m³/h. Key construction features include a steel impeller and housing with hot-dip galvanization, an IP00 degree of protection, and an insulation class of "F". The fan utilizes a reliable Ball bearing system and includes an internal Thermal Overload Protector (TOP) for motor protection. It is approved to standards including CCC, UL 507, and CSA C22.2 No. 113. Its primary application is as a critical replacement cooling component for power converters, generators, and drive units, specifically for Siemens SINAMICS/MICROMASTER PX series modules.

Fan Parameters

Manufacturer: ebmpapst

Model: D2E160-AH01-17

Alternative Part Number: Siemens 6SL3362-0AF01-0AA1

Type: Forward-Curved Centrifugal Fan

Nominal Voltage: 230 VAC

Phase: 1

Frequency: 50/60 Hz
Diameter: 160 mm
Motor: M2E074-LA
Motor Size: 74 mm
Speed: 2780/3120 RPM
Power Consumption: 415/635 W
Current Draw: 1.82/2.78 A
Max Airflow: 1195 m3/h
Max Back Pressure: 760 Pa
Weight: 11 kg
Rotor Surface: Painted black
Impeller Material: Sheet steel, hot-dip galvanized
Housing Material: Sheet steel, hot-dip galvanized
Motor Suspension: Motor vibration-damped on both sides
Direction of Rotation: Clockwise, viewed toward rotor
Degree of Protection: IP00
Insulation Class: F
Environmental Protection Class: H1
Installation Position: Any
Condensation Drainage Holes: None, open rotor
Mode: S1
Motor Bearing: Ball bearing
Touch Current: <0.75 mA
Electrical Hookup: Via terminal strip, capacitor connected
Motor Protection: Thermal overload protector (TOP) internally connected
Protection Class: I (with customer connection of protective earth)
Motor Capacitor Class: S2
Conformity with Standards: EN 60335-1
Approval: CCC; UL 507; CSA C22.2 No. 113

Application

The D2E160-AH01-17 is the equivalent replacement fan for the Siemens 6SL3362-0AF01-0AA1 and is primarily used for forced cooling of power converters, generators, telecommunication systems, and specifically for SINAMICS/MICROMASTER PX AC drive/power/motor modules (chassis unit frame size F) in industrial automation.

Product Images







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