

6SL3362-0AG00-0AA1 Siemens 230VAC 280mm Centrifugal Fan Datasheet



Brand: Siemens

SKU: [1009153468664](#)

Category: Axial & Centrifugal Fans

Price: **\$1,209.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/6sl3362-0ag00-0aa1-siemens-230vac-280mm-centrifugal-fan>

Product Description

The Siemens 6SL3362-0AG00-0AA1 is a robust Centrifugal Fan engineered by Ziehl-Abegg (Model RG28P-4EK.4I.1R) for high-demand industrial cooling applications. Utilizing an advanced single-phase AC external rotor motor, this unit delivers exceptional aerodynamic efficiency while maintaining low thermal impedance under continuous load. The impeller features a backward-curved design optimized for high static pressure generation and reduced turbulence, ensuring structural rigidity and minimal vibration. Designed specifically for SINAMICS drive systems, it incorporates durable ball bearings to extend operational service life in harsh thermal environments and maintains strict adherence to industrial insulation standards.

Model Number: 6SL3362-0AG00-0AA1 (OEM: RG28P-4EK.4I.1R)

Brand: Siemens / Ziehl-Abegg

Product Type: Single Inlet Centrifugal Fan

Rated Voltage: 230 VAC

Voltage Range: 207 - 253 VAC

Frequency: 50 / 60 Hz

Phase: 1~ (Single Phase)

Rated Current: 2.30 A (50Hz) / 3.0 A (60Hz)

Power Input: 520 W (50Hz) / 690 W (60Hz)

Rated Speed: 1360 RPM (50Hz) / 1490 RPM (60Hz)

Bearing Type: Maintenance-free Ball Bearing
Max. Air Flow: 1236 CFM (2100 m³/h)
Max. Static Pressure: 2.41 inH₂O (600 Pa)
Impeller Diameter: 280mm
Weight: 7.5 kg
Capacitor: 14 µF / 400 VDB
IP Rating: IP54
Insulation Class: F (155°C)
Motor Protection: Thermal Overload Protector (TOP)
Housing Material: Galvanized Sheet Steel
Impeller Material: Sheet Steel (Hot Galvanized)
Operating Temperature: -25°C to +70°C
Mounting Orientation: Any
Termination: Terminal Box
Certifications: CE, UL, CCC

This cooling module is primarily deployed within industrial automation setups, specifically serving as the critical thermal management component for Siemens SINAMICS G130, G150, and S120 chassis units. The 6SL3362-0AG00-0AA1 ensures optimal operating temperatures for power electronics in sectors such as metallurgy, marine propulsion, and renewable energy inverters. By maintaining consistent airflow, the 6SL3362-0AG00-0AA1 prevents thermal throttling in large-scale drive cabinets and heavy-duty motor control centers.

Supplemental Images

