

# RH35B-2EK.6N.2R ZIEHL-ABEGG 230V AC Centrifugal Fan 350mm

**SKU:** RH35B-2EK.6N.2R

**Price:** \$2,267.89

**Categories:** Fans

**Tags:** Ziehl-Abegg

**Product Link:**

<https://www.electspares.com/product/rh35b-2ek-6n-2r-ziehl-abegg-230v-ac-centrifugal-fan-350mm/>

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## Product Description

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The ZIEHL-ABEGG RH35B-2EK.6N.2R is a High-Performance AC Centrifugal Fan with a fan diameter of 350 mm, designed as a motorized impeller with backward-curved blades. It operates on 230 VAC across a wide frequency range of 47 Hz–63 Hz. It features a variable speed of 2,870 RPM–3,300 RPM, Input Power ranging from 2.6 kW–4.1 kW and a Current Draw of 11.5 A–18 A. This fan is specifically used as a cooling fan for high power components in industrial frequency converters and inverter systems (e.g., Siemens Inverters), where high static pressure and high reliability are critical.

RH35B-2EK.6N.2R Fan Parameters

Model: RH35B-2EK.6N.2R

Manufacturer: ZIEHL-ABEGG

Type: AC Centrifugal Fan (Backward-Curved Blade)

Fan Diameter: 350 mm

Bearing Type: Ball Bearing

Nominal Voltage: 230 VAC

Phase: 1~

Frequency Range: 47 Hz–63 Hz

Rated Input Range: 2.6 kW–4.1 kW

Rated Current Range: 11.5 A–18 A

Rated Speed Range: 2,870 RPM–3,300 RPM

Airflow (Approx. Max. Free Air Delivery): 5,000 m<sup>3</sup>/h

Degree of Protection: IP10

Motor Protection: Thermal Contact

Impeller Material: Sheet Steel (Galvanized)

Motor/Impeller Design: Motorized Impeller (RH)

Motor: MK137–100

Noise Level: 73 dB

Max. Conveying Temperature: 70 °C

Min. Operating Temperature: –20 °C

#### Application

The RH35B-2EK.6N.2R is a specialized radial fan primarily used for cooling high power electronics, such as IGBT modules, within large industrial frequency inverters and drives (e.g., Siemens Inverters). Its centrifugal design with backward-curved blades provides the necessary high static pressure to move air efficiently through tightly packed heat sinks and enclosures, ensuring system reliability and longevity.

## Product Images

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