

# RH25M-2DK.3B.1R Ziehl-Abegg 400VAC 250mm Centrifugal Fan Datasheet



**Brand:** Ziehl-Abegg

**SKU:** [676396345700](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$705.99**

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Product Page:

<https://www.equipspares.com/product/rh25m-2dk-3b-1r-ziehl-abegg-400vac-250mm-centrifugal-fan>

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## Product Description

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The Ziehl-Abegg RH25M-2DK.3B.1R is a precision-engineered Motorized Impeller designed for high-efficiency industrial air movement. Utilizing an advanced AC external rotor motor integrated directly into the backward-curved centrifugal impeller, this unit optimizes aerodynamic performance while minimizing thermal impedance. The construction features a robust metal design ensuring structural rigidity under high-stress operations. Engineered for continuous duty, the fan employs high-grade ball bearings to reduce frictional losses and extend operational lifespan. Its compact form factor allows for seamless integration into space-constrained ventilation systems, delivering reliable airflow with superior static pressure capabilities suitable for demanding thermal regulation environments.

Model Number: RH25M-2DK.3B.1R

Brand: Ziehl-Abegg

Product Type: Centrifugal Fan (Motorized Impeller)

Rated Voltage: 400 VAC

Phase: 3-Phase

Frequency: 50 / 60 Hz

Impeller Diameter: 250 mm

Motor Type: AC External Rotor Motor

Bearing Type: Ball Bearing

Rated Speed: 2600 RPM (50Hz) / 2850 RPM (60Hz)

Power Input: 280 W (Estimate)  
Current Draw: 0.46 A (Estimate)  
Max. Air Flow: 794 CFM (1350 m<sup>3</sup>/h)  
Max. Static Pressure: 480 Pa (1.92 inH<sub>2</sub>O)  
Material: Galvanized Sheet Steel  
Ingress Protection: IP54  
Insulation Class: F  
Operating Temperature: -20°C to +60°C  
Mounting Orientation: Any  
Direction of Rotation: Clockwise (viewed on rotor)  
Termination: Terminal Block / Lead Wires  
Weight: 4.5 kg  
Compliance: CE, RoHS

The RH25M-2DK.3B.1R is extensively utilized in critical industrial applications requiring reliable high-pressure air delivery. Common deployments include cabinet cooling for variable frequency drives, large-scale power inverters, and telecommunications infrastructure where heat dissipation is paramount. The RH25M-2DK.3B.1R also serves effectively in cleanroom filtration modules and heat exchangers, ensuring consistent thermal stability across sensitive electronic components.

## Supplemental Images

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