RH..C ECBLUE

Product Data Sheet

RH31C-ZID.DC.1R

EC centrifugal fan assembly

INPUT PHASE	SUPPLY VOLTAGE	SUPPLY FREQUENCY	POWER INPUT P1
Single phase	**200-277 V AC**	**50/60 Hz**	**1.35 kW**

Ziehl-Abegg RH31C-ZID.DC.1R is an ECblue centrifugal fan assembly for the documented RH..C air-moving range. The integrated electronic motor control is supplied from a single-phase 200-277 V AC source at 50/60 Hz.

01 VERIFIED TECHNICAL DATA

Input phase	Single phase
Supply voltage	200-277 V AC
Supply frequency	50/60 Hz
Power input P1	1.35 kW
Rated current range	6.9-5.0 A
Rotational speed	3000 r/min
Rated ambient temperature	40 C
Protection rating	IP54
Impeller series	RH..C ECblue
Connection diagram	MOEA03K0

02 ADDITIONAL PRODUCT DATA

The manufacturer chart for this exact fan gives 1.35 kW input power, a 6.9-5.0 A current range and a nominal speed of 3000 r/min at a 40 C rated ambient temperature. IP54 protection and the MOEA03K0 connection diagram describe the documented assembly; airflow and pressure must be read together from the applicable fan curve.

03 PRODUCT FUNCTION

Use the performance pages headed RH31C-ZID.DC.1R rather than the neighbouring RH31C-6ID variant. The matching chart specifies the single-phase 200-277 V, 50/60 Hz electrical arrangement and the 3000 r/min operating reference.

04 SYSTEM COMPATIBILITY

Select the required duty point from the pressure and airflow curves for the applicable configuration. A single maximum airflow or pressure value does not define the fan duty, and the chart includes separate controller and article-number selections.

05 MANUFACTURER SOURCE

Ziehl-Abegg official documentation: RH31C-ZID.DC.1R.pdf. Selected source pages: 3.

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