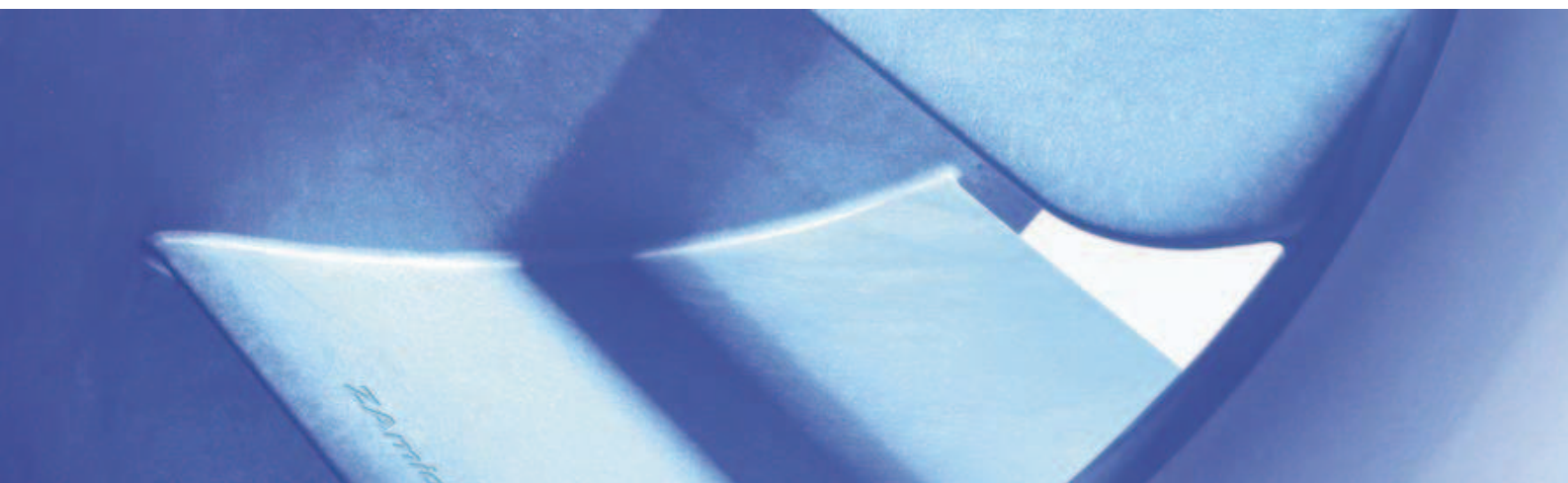


Movement by Perfection



The Royal League in **ventilation**, control and drive technology



Product documentation

Type
RH25V-6IK.BD.1R

Article number
171275K

Beijing Hengrui Mechanical and Electrical Equipment Co., Ltd
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en.bjhengrui.com

1. Product specification

Technical data

Article number	171275K
Type	RH25V-6IK.BD.1R
Designation	Single inlet impeller with backward curved blades.
Rated values	1~200-277V 50/60Hz P ₁ 0,24kW 1,20-0,88A 2900min ⁻¹ 60°C
Electrical connection	Integrated controller
Control	ECblue basic
Min. operating temperature [°C]	-15
Painting stator	Stator unpainted
coating rotor	Rotor with 2 coatpaint
Colour sheet rotor	1K RAL 5002 (ultramarine blue)
Material impeller	Impeller made of High Performance Composite Material
Painting impeller	unpainted
Colour impeller	black
Connection diagram	1360-384
Installation position	H/Vu/Vo
Motor protection	integrated active temperaturemanagement
Type of protection	IP55
Thermal class	Thermal class 155
Balancing	6,3
Quality of bearings	ball bearing with long-time lubrication
Labelling UL/CSA	MK090-0029
Certification	Motor-Recognized Component
Weight kg	4,10
ErP Data	Efficiency η_{statA} : 50,8 % Efficiency grade: $N_{\text{actual}} = 67,4 / N_{\text{target}} = 62^*$ *ErP 2015

2. Characteristic Curve

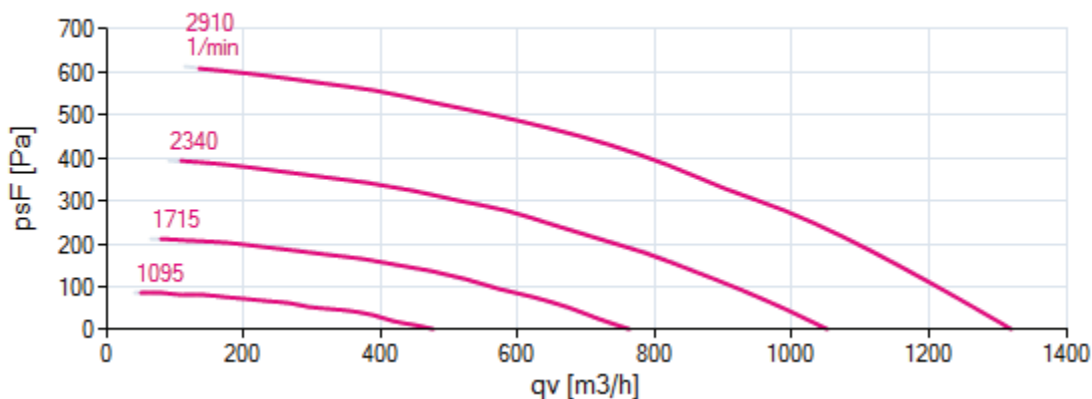
RH25V-6IK.BD.1R

measured in standard nozzle in installation type A according to ISO 5801

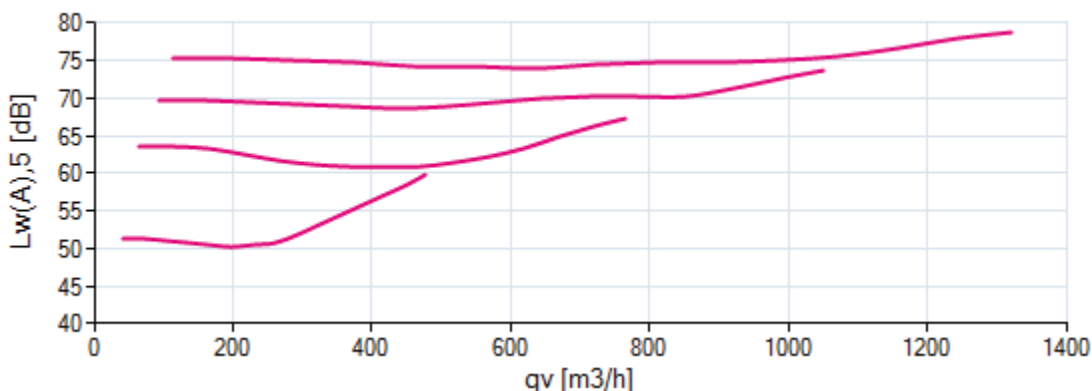
1~ 230V 50Hz

Air density at measurement 1,16 kg/m³

Air performance

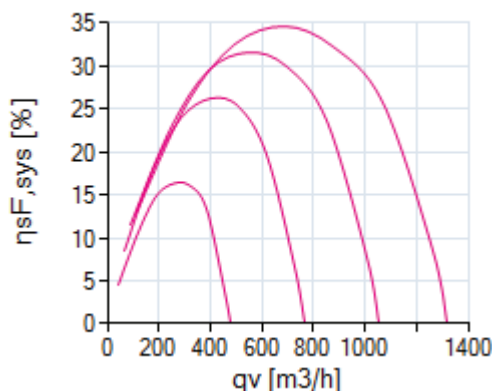
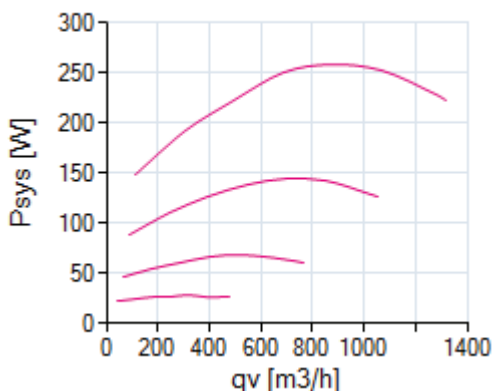


Acoustics



Power input

Efficiency

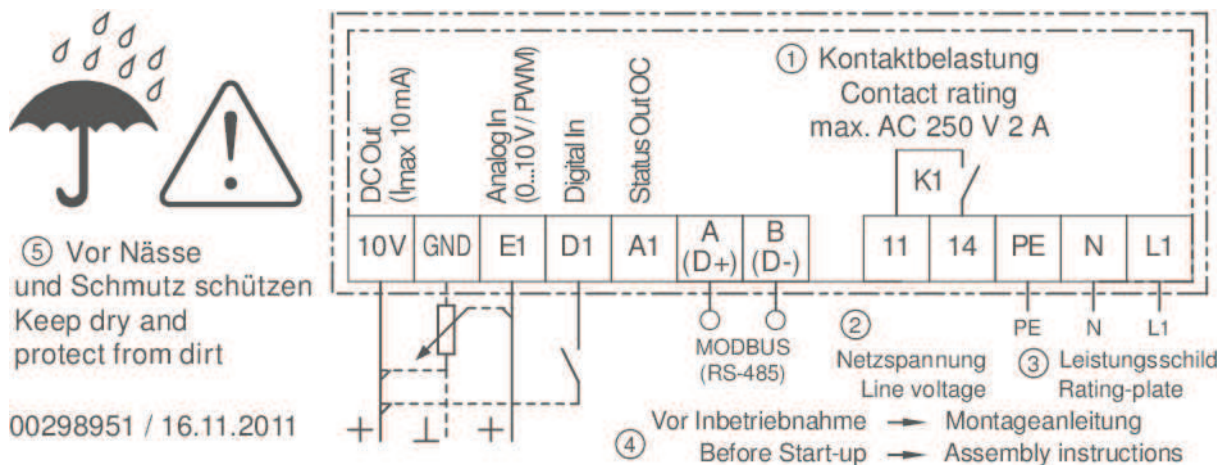


Please note: It's not allowed to use this fan in the stall area!*

, Q GRX EW S OH D V H DV N \ R X U % U H V S R Q Q H E F R H Q W, D F / W

4. Connection diagram

1360-384



5. EU-Declaration of conformity

EC-Declaration of conformity

- Translation -
(english)

ZA75-GB 1616 Index 011
00285644-GB

Manufacturer:
ZIEHL-ABEGG SE
Heinz-Ziehl-Straße
74653 Künzelsau
Germany

The manufacturer is solely responsible for issuance of the declaration of conformity.

The products:

- External rotor motor MK..., MW...
- Axial fan FA..., FB..., FC..., FE..., FF..., FS..., FT..., FH..., FL..., FN..., FV..., DN..., VR..., VN..., ZC..., ZF..., ZN...
- Centrifugal fan RA..., RD..., RE..., RF..., RG..., RH..., RK..., RM..., RR..., RZ..., GR..., ER...
- Cross-flow fan QK..., QR..., QT..., QG...

The engine type:

- Asynchronous internal or external rotor motor
- Asynchronous internal or external rotor motor with integrated frequency inverter, except EDP system
- Electronically commutated (EC) internal or external rotor motor
- Electronically commutated internal or external rotor motor with integrated EC Controller, except EDP system

These products comply with the following EU directives:

- EMC Directive 2014/30/EU
- Low voltage directive 2014/35/EU
- ErP Directive 2009/125/EC, in conjunction with Regulation (EU) no. 327/2011

The following harmonized standards are in use:

EN 60034-1:2010 + Cor.:2010	EN 61000-6-3:2007 + A1:2011 + AC:2012
EN 60204-1:2006 + A1:2009 + AC:2010	EN 61000-6-2:2005 + AC:2005
EN 60529:1991 + A1:2000 + A2:2013	

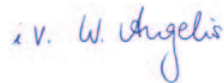
Compliance with the ErP Directive 2009/125/EC does not refer to external rotor motors MK..., MW...

All ErP-relevant information comprises measurements which are determined using a standardised measurement set-up. More details can be obtained from the manufacturer.

Compliance with the EMC Directive 2014/30 / EU refers only to those products when they are connected by mounting / operating instructions. If these products are integrated into a system or supplemented with other components (eg. sensing controls) and operated, the manufacturer or operator is responsible of the overall system for compliance with the EMC Directive 2014/30 / EU.

Künzelsau, 20.04.2016
(Location, date of issue)

ZIEHL-ABEGG SE
Dr. W. Angelis
Technical Director Air Movement Division
(Name, Function)



(Signature)

ZIEHL-ABEGG 

The Royal League Die Königsklasse



The Royal League in ventilation, control and drive technology

Intelligent control technology for any application

ZIEHL-ABEGG system capabilities:
Everything from a single source – perfectly matched for optimal performance

Please contact us. We would be pleased to design an individual solution for your requirements.

We would like to welcome you on our worldwide exhibitions. Please find our next exhibitions [here](#).