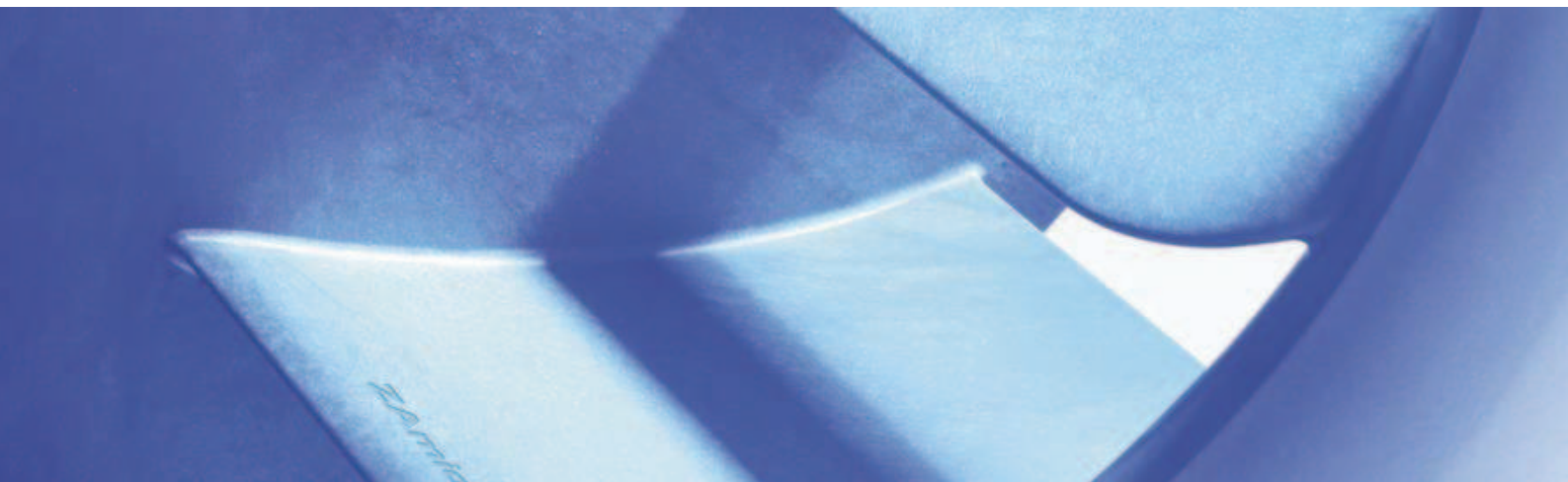


Movement by Perfection



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



Product documentation

Type
RH45V-VDK.4F.1R

Article number
113282

Beijing Hengrui Mechanical and Electrical Equipment Co.,Ltd
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1. Product specification - Technical data

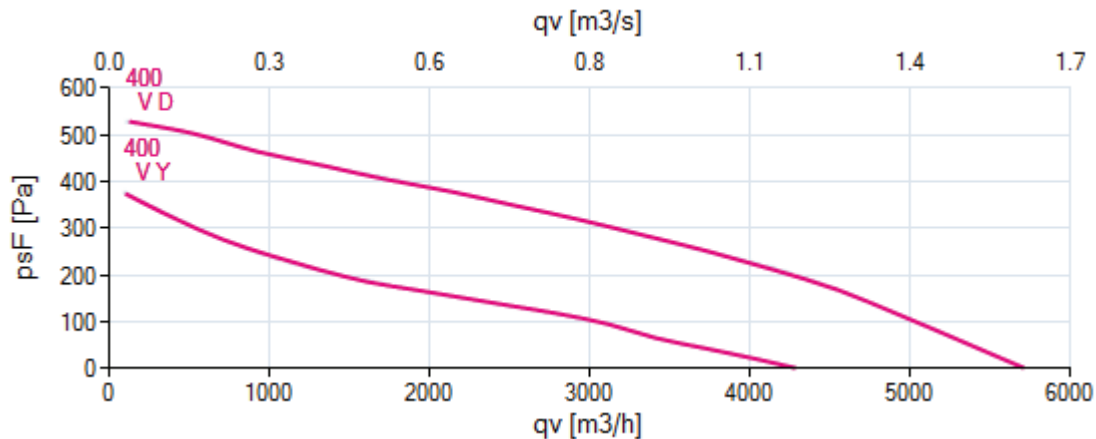
Article number	113282
Type	RH45V-VDK.4F.1R
Designation	Single inlet impeller with backward curved blades.
Rated values	3~400V $\pm 10\%$ Δ/Y 50Hz P ₁ 0.64/0.36kW 1.30/ 0.66A $\Delta I=0\%$ 1250/ 890/min COSY 0,72 55°C
Electrical connection	Cable box D02 with cable lateral, 9x 0,50mm ² x 105cm
ErP Data	* Does not comply with the stipulations of the ErP regulations
Min. operating temperature	-15°C
Thermal class	Thermal class 155
Terminal box,mount.	fixed on Motor
Cable quality	Li4G4G-J
Material impeller	Impeller made of High Performance Composite Material
Painting impeller	unpainted
Colour impeller	black
Connection diagram	1360-108XA
Installation position	Fitting position H/Vu/Vo
Fitting position mot	Mounting position H/Vu/Vo
Motor protection	thermal contact
Type of protection	IP54
Impregnation	Moisture and hot climate protection
Quality of bearings	ball bearing with long-time lubrication
Painting motor	Motor 1 coat paint resistance class 1 (L-TI-0596)
Colour motor	2T58036999 RAL 7032 (pebble grey)
Balance quality	G 6,3
Weight	9.50 kg

2. Characteristic Curve

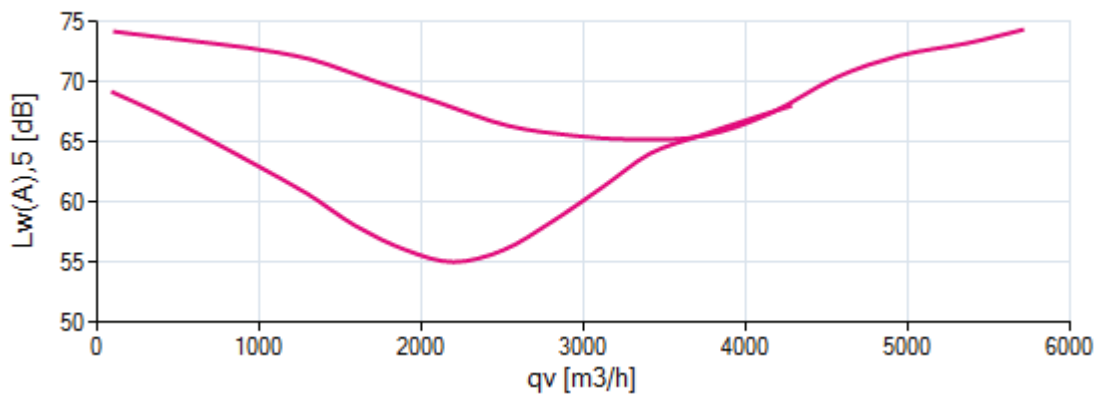
RH45V-VDK.4F.1R
3~ 400V 50Hz D

measured in standard nozzle in installation type A according to ISO 5801
measurement density 1,16 kg/m³

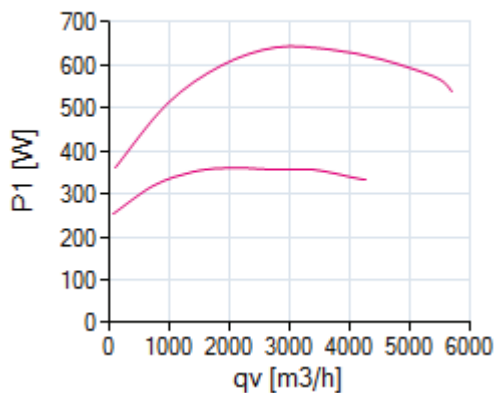
Air performance



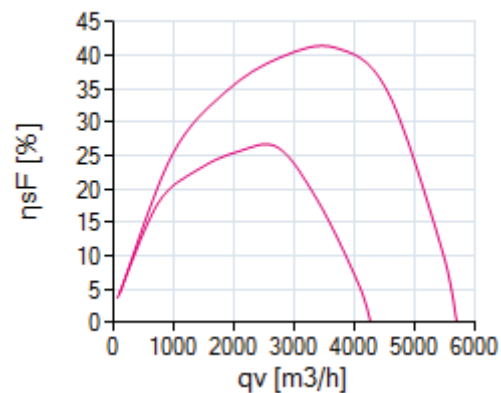
Acoustics



Power input



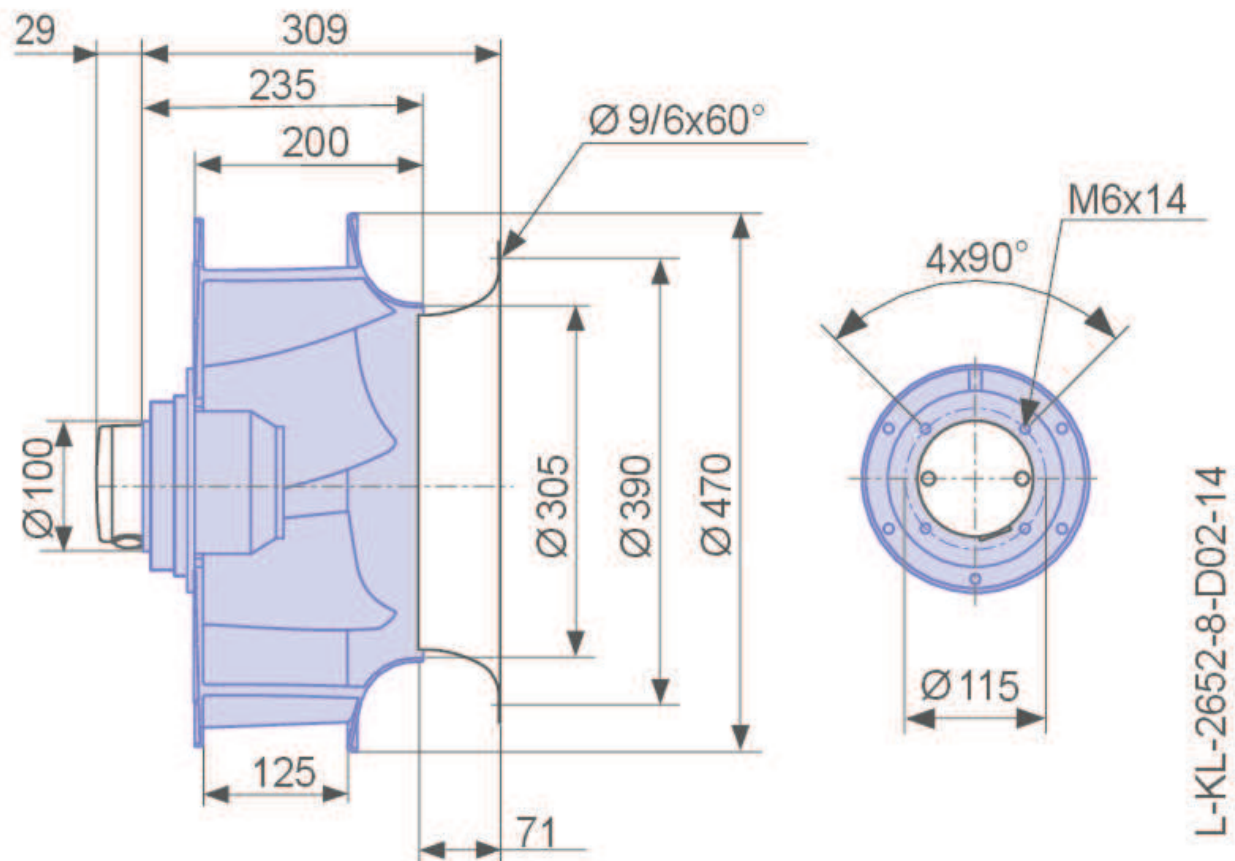
Efficiency



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

*In doubt please ask your responsible ZIEHL-ABEGG sales contact.

3. Drawing



Dimensions in mm

The illustrations shown make no claim to completeness and are for orientation purposes only.

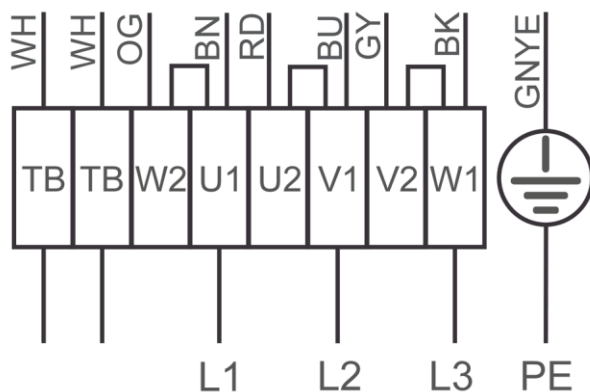
4. Connection diagram

wiring diagram: 1360-108XA

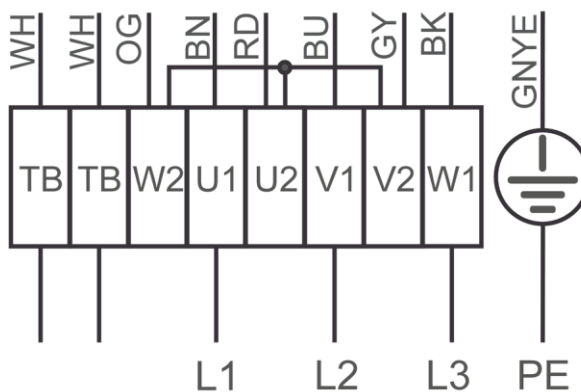
3~ motor, 2 speeds (Δ/Y switch over) with thermostatic switch (if built in). Without bridge when using speed change-over switch.

BN	brown
BU	blue
BK	black
RD	red
GY	grey
OG	orange
WH	white
GNYE	green-yellow

High speed/D-connection



Low speed/Y-connection





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](#).