



Movement by Perfection



The Royal League in ventilation, control and drive technology



[Product documentation](#)

Type

RH50M-4EK.6K.1R

Article number

201226

Product documentation

Customer
enter here

ZIEHL-ABEGG Contact

Pauline Spiteri

Tel. 03 9931 0899

pspiteri@ziehl-abegg.com.au

Project
enter here

ZIEHL-ABEGG Subsidiary
Australia

ZIEHL-ABEGG Australia Pty Ltd (VIC)

181 Calarco Drive

Derrimut

VICTORIA 3030

AUSTRALIA

Phone +61 3 99310899

Fax +61 3 99310499

www.ziehl-abegg.com.au

info@ziehl-abegg.com.au

Type
RH50M-4EK.6K.1R

Article number
201226



Contents

1.	Product specification	3
2.	Characteristic Curve	4
3.	Drawing	5
4.	Connection diagram	6

1. Product specification

Technical data

Article number	201226
Type	RH50M-4EK.6K.1R
Designation	Single inlet impeller with backward curved blades.
Rated values	1~230V ±10% 50Hz P ₁ 1,30kW 5.70A ΔI=10% 1320/min 30,0uF/400V 60°C
Electrical connection	Terminal box K08
Min. operating temperature °C	-25***
Terminal box,mount.	fixed on Motor
Material impeller	Impeller made of aluminium
Painting impeller	unpainted
Connection diagram	1360-104XA
Installation position	H/Vu/Vo
Motor protection	thermal contact
Type of protection	IP54
Thermal class	Thermal class 155
Impregnation	Moisture and hot climate protection
Balancing	6,3
Quality of bearings	ball bearing with long-time lubrication
Weight kg	20,80
ErP Data	* Does not comply with the stipulations of the ErP regulations

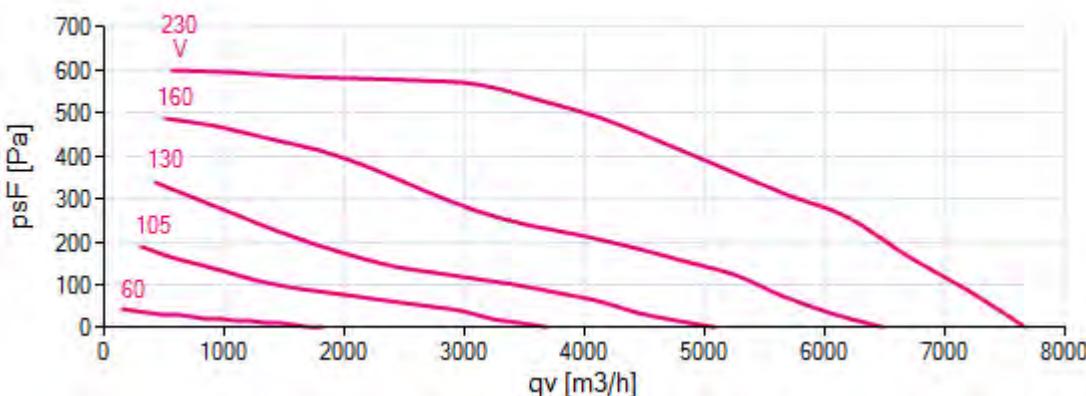
*** Occasional operation ≤ -20°C and in consideration of lowest temperature according to product documentation permissible. For cooling applications with continuous operation ≤ -20°C cold design on request.

2. Characteristic Curve

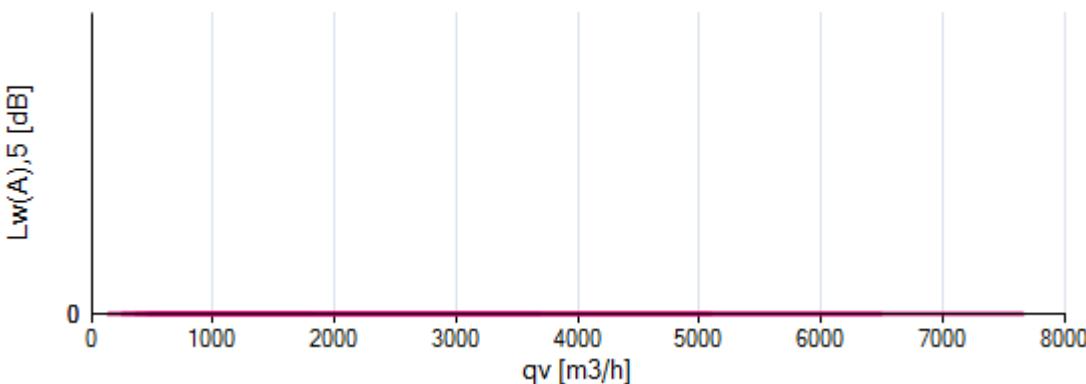
RH50M-4EK.6K.1R

1~ 230V 50Hz

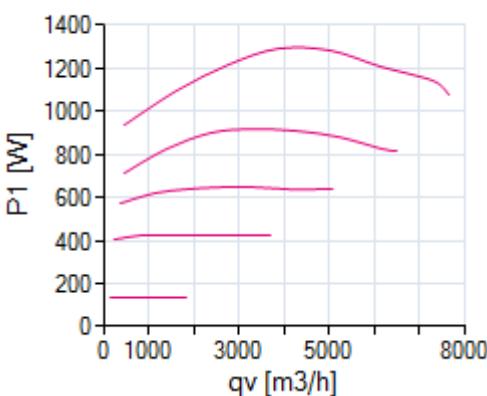
Air performance



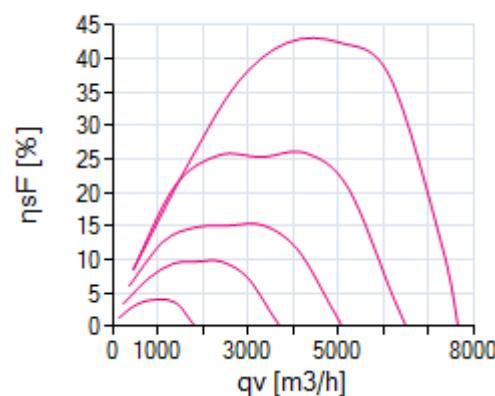
Acoustics



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

Shown drawing is just to show the dimensions of the fan.

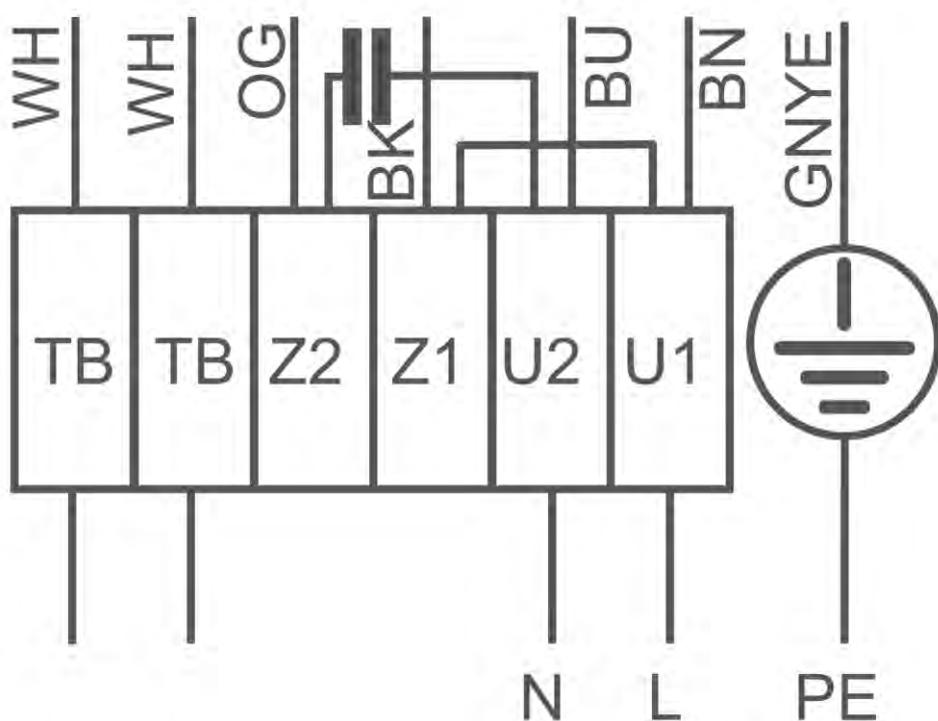
4. Connection diagram

1360-104XA

1~Motor with capacitor and thermostatic switch (if built in).

BN brown
BU blue
BK black
OG orange
WH white
GNYE green-yellow

Clockwise rotation





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](#).