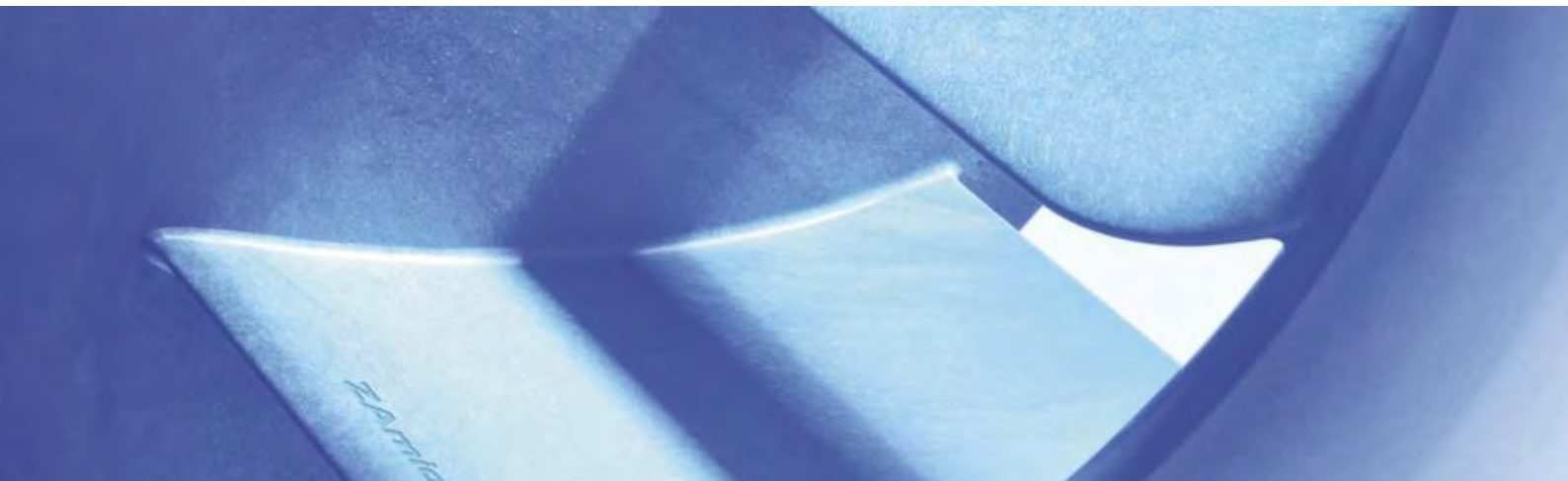


Movement by Perfection



The Royal League in ventilation, control and drive technology



[Product documentation](#)

Type
RH50M-4EK.6K.1R

Article number
201226

Product documentation

Customer
[enter here](#)

Project
[enter here](#)

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Type
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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 $\pm 10\%$ 50Hz P ₁ 1,30kW 5.70A $\Delta I = 10\%$ 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 $\leq -20^{\circ}\text{C}$ and in consideration of lowest temperature according to product documentation permissible. For cooling applications with continuous operation $\leq -20^{\circ}\text{C}$ cold design on request.

2. Characteristic Curve

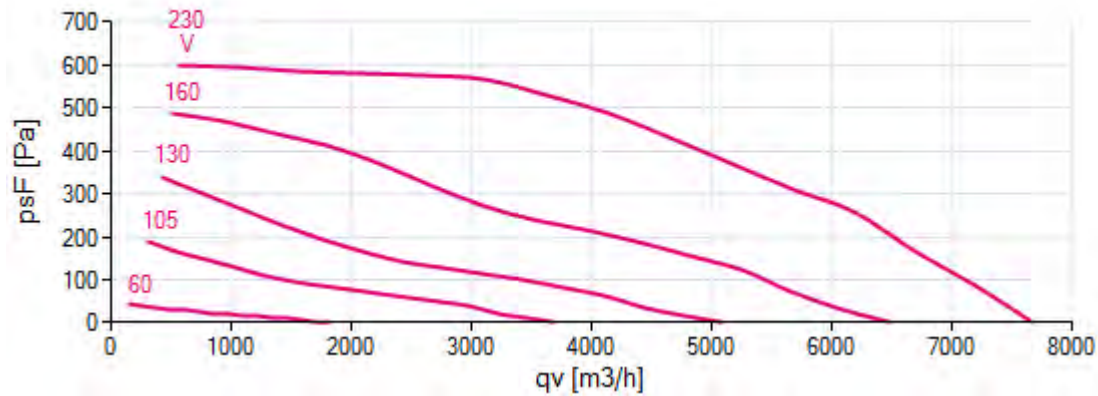
RH50M-4EK.6K.1R

Gemessen in Standarddüse in Einbauart A nach ISO 5801

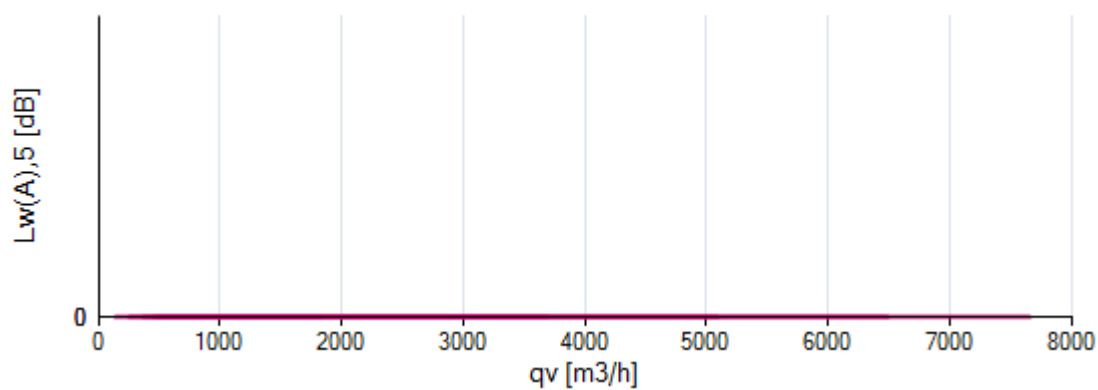
1~ 230V 50Hz

Messdichte 1,16

Air performance

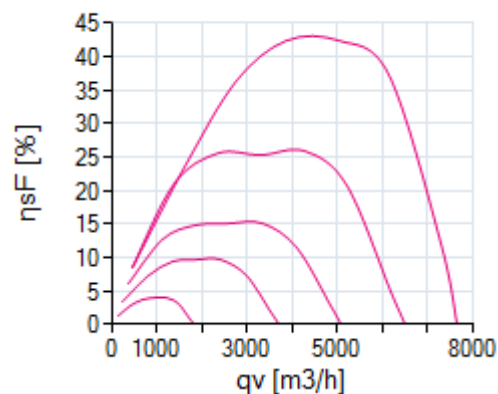
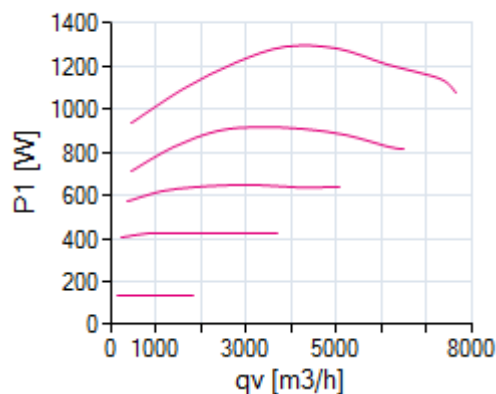


Acoustics



Power input

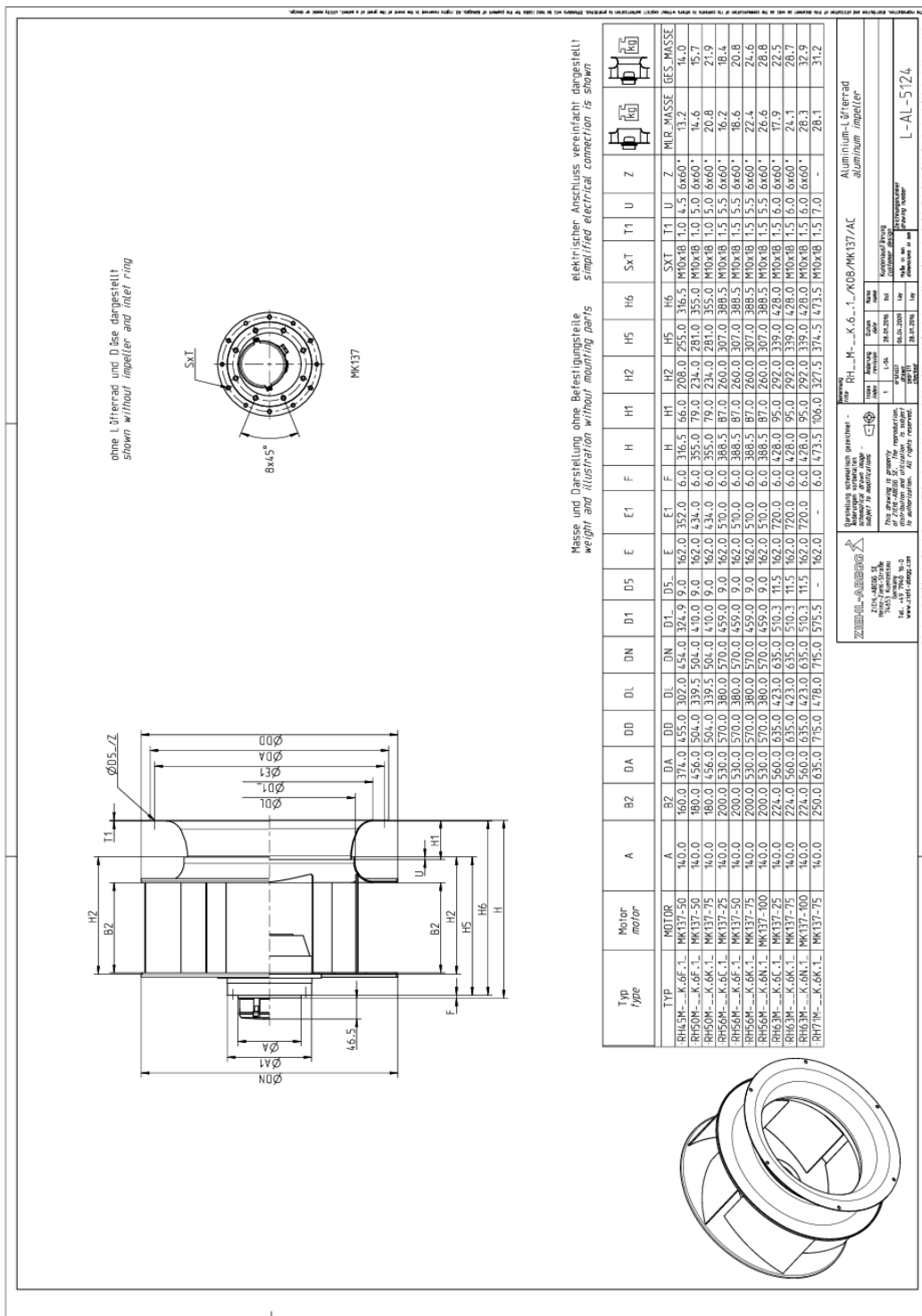
Efficiency



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.

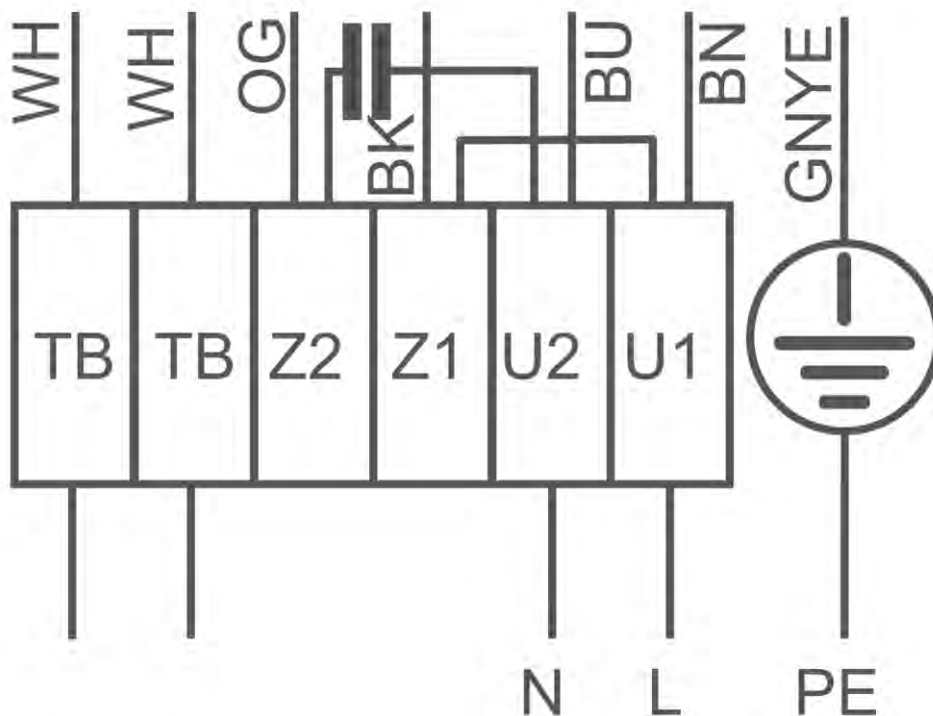
4. Connection diagram

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.

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