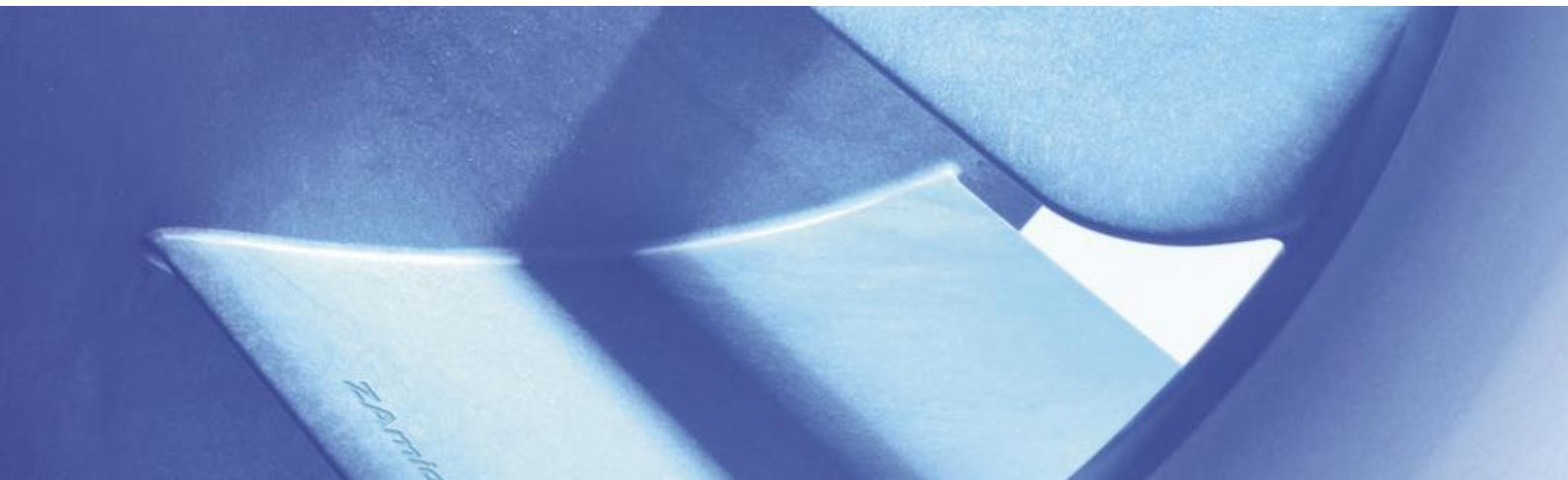


Movement by Perfection



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



[Product documentation](#)

Type
RH40V-4EK.4I.1R

Article number
113376

Product documentation

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Type
RH40V-4EK.4I.1R

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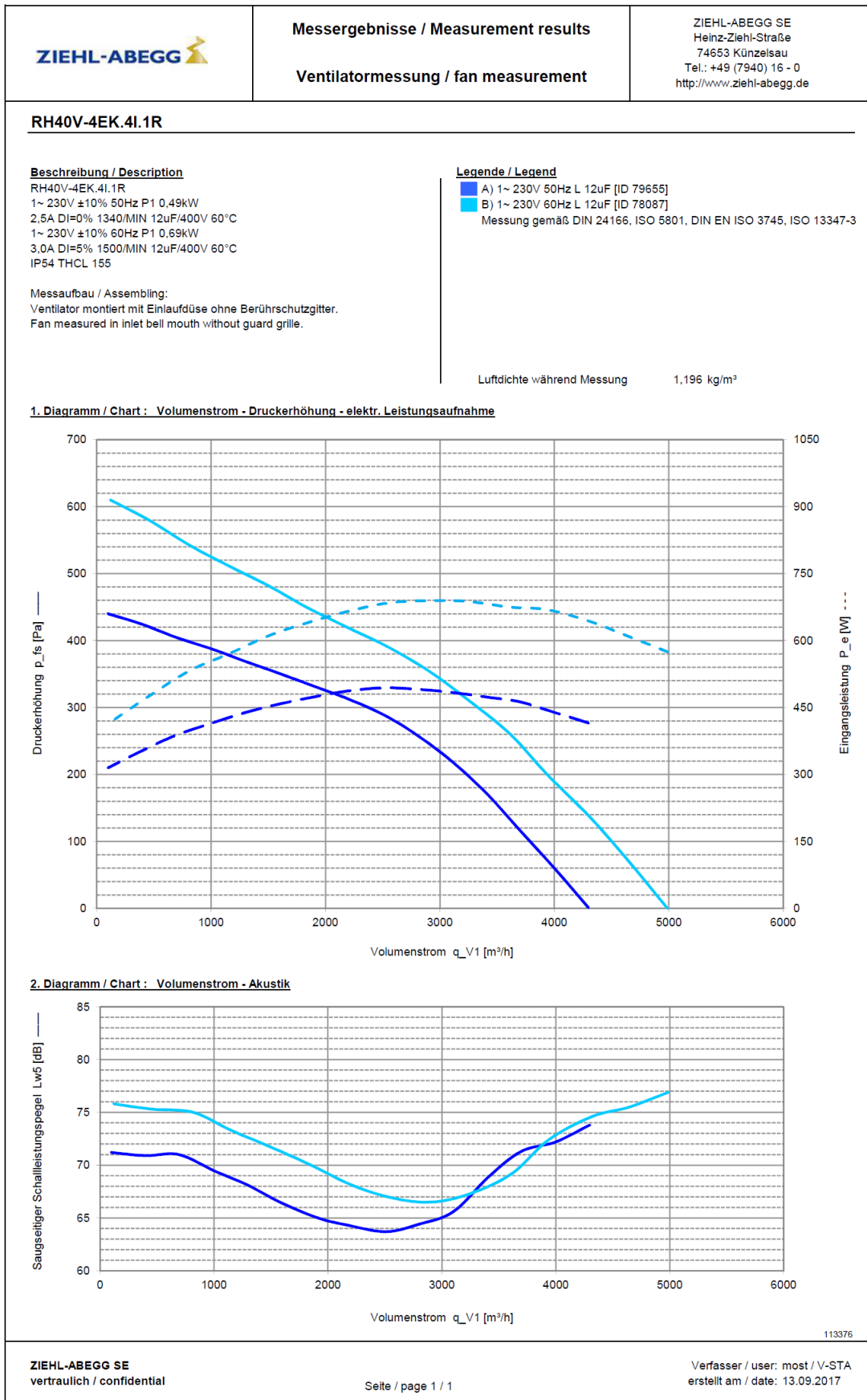
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1. Product specification

Technical data

Article number	113376
Type	RH40V-4EK.4I.1R
Designation	Single inlet impeller with backward curved blades.
Rated values	1~230V ±10% 50Hz P ₁ 0,49kW 2.50A ΔI=0% 1340/min 12,0uF/400V 60°C 1~230V ±10% 60Hz P ₁ 0,69kW 3,00A ΔI=5% 1500/min 12,0uF/400V 60°C
Electrical connection	Cable box D02 with cable lateral, 7x 0,75mm ² x 105cm
Min. operating temperature [°C]	-15
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	1360-104XA
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
Field of application	Standardanwendung
Labelling UL/CSA	zzz_xx
Weight kg	10,30
ErP Data	Efficiency η_{statA} : 44,3 % Efficiency: $N_{actual} = 58,0 / N_{target} = 58^*$ *ErP 2013 Does not comply with the stipulations of the ErP regulations

2. Characteristic curve



3. Drawing

ohne Düse mit Düse
kg

TYP	MOTOR	DA	DD	DE	DN	DS	E1	H	H1	H2	H5	T	U	Z	MTR.MASSE	GES.MASSE	
RH35V.R	MK106-25	338.0	373.0	236.5	363.0	292.2	7.0	315.0	248.9	58.0	160.6	194.4	1.0	3.5	6x60*	5.5	6.1
RH35V.R	MK106-35	338.0	373.0	236.5	363.0	292.2	7.0	315.0	248.9	58.0	160.6	194.4	1.0	3.5	6x60*	6.5	7.1
RH35V.R	MK106-50	338.0	373.0	236.5	363.0	292.2	7.0	315.0	248.9	58.0	160.6	194.4	1.0	3.5	6x60*	7.9	8.5
RH40V.R	MK106-25	374.0	419.0	266.5	409.0	324.9	9.0	350.0	276.6	66.0	179.3	214.6	1.0	4.0	6x60*	6.3	7.1
RH40V.R	MK106-35	374.0	419.0	266.5	409.0	324.9	9.0	350.0	276.6	66.0	179.3	214.6	1.0	4.0	6x60*	7.3	8.1
RH40V.R	MK106-50	374.0	419.0	266.5	409.0	324.9	9.0	350.0	276.6	66.0	179.3	214.6	1.0	4.0	6x60*	8.7	9.5
RH45V.R	MK106-35	413.0	470.0	305.2	460.0	364.0	9.0	390.0	301.5	71.0	200.2	235.0	1.0	4.5	6x60*	10.3	11.1
RH45V.R	MK106-50	413.0	470.0	305.2	460.0	364.0	9.0	390.0	301.5	71.0	200.2	235.0	1.0	4.5	6x60*	8.1	9.0
RH50V.R	MK106-35	456.0	521.0	339.2	511.0	410.0	9.0	430.0	331.3	79.0	222.5	257.3	1.0	5.0	6x60*	9.5	10.4
RH50V.R	MK106-50	456.0	521.0	339.2	511.0	410.0	9.0	430.0	331.3	79.0	222.5	257.3	1.0	5.0	6x60*	11.1	12.0
RH50V.R	MK106-70	456.0	521.0	339.2	511.0	410.0	9.0	430.0	331.3	79.0	222.5	257.3	1.0	5.0	6x60*	10.5	11.6
RH56V.R	MK106-50	530.0	584.0	375.0	572.0	459.0	9.0	510.0	369.8	87.0	252.5	288.3	1.15	5.5	6x60*	12.1	13.2
RH56V.R	MK106-70	530.0	584.0	375.0	572.0	459.0	9.0	510.0	369.8	87.0	252.5	288.3	1.15	5.5	6x60*	12.2	14.4

H und H5 mit Standardlageranstellung nach L-KR-0415 berechnet

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Motor-Lüfterrad RH.V / MK106 mit D02

Index	Änderung	Datum	Name	Zeichnungsnummer
1	LOZ18/02	05.02.2009	hut	
	Änderung			
	Revision			
	Änderung			
	Revision			
	Änderung			
	Revision			
	Änderung			
	Revision			

L-AL-3238

Dimensions in mm
Shown drawing is just to show the dimensions of the fan.

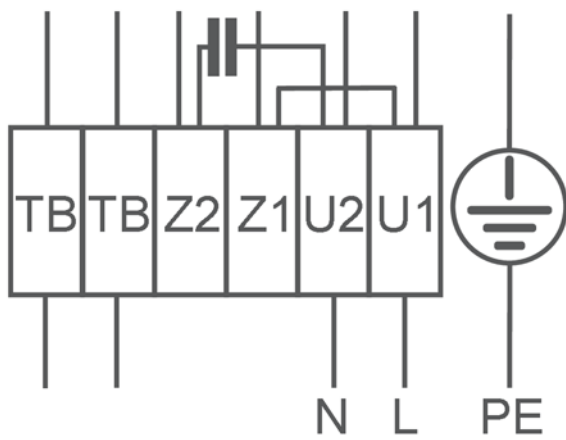
4. Connection diagram

1360-104XA

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

- U1 brown
- U2 blue
- Z1 black
- Z2 orange
- TB white

Clockwise rotation



5. EU-Declaration of conformity



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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