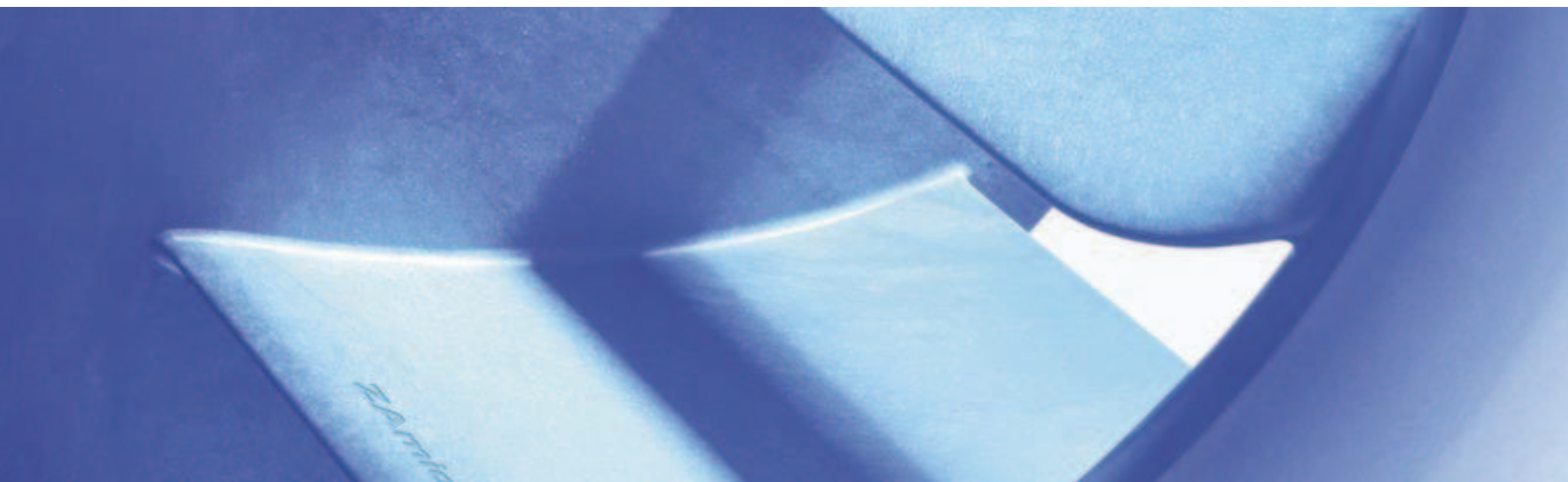


Movement by Perfection



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



Product documentation

Type
RH56M-VDK.6N.1R

Article number
124379

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1. Product specification - Technical data

Article number	124379
Type	RH56M-VDK.6N.1R
Designation	Single inlet impeller with backward curved blades.
Rated values	3~400V $\pm 10\%$ Δ/Y 50Hz P ₁ 2.20/1.55kW 4.00/ 2.60A $\Delta I=15\%$ 1350/1090/min COSY 0,80 60°C
Electrical connection	Terminal box K08
ErP Data	Efficiency η_{statA} : 50.9 % Efficiency grade: N _{actual} = 58.1 / N _{target} = 58* *ErP 2013* Does not comply with the stipulations of the ErP regulations
Min. operating temperature	-40°C***
Thermal class	Thermal class 155
Terminal box,mount.	fixed on Motor
Material impeller	Impeller made of aluminium
Painting impeller	unpainted
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	26.50 kg

*** Operation mode:

Continuous operation with occasional starts (S1) according to DIN EN 60034-1:2011-02.

Occasional starting between -40 °C and -25 °C is permissible. Continuous operation below -25 °C only with special bearings for refrigeration applications on request.

Permissible minimum and maximum ambient temperature for operation:

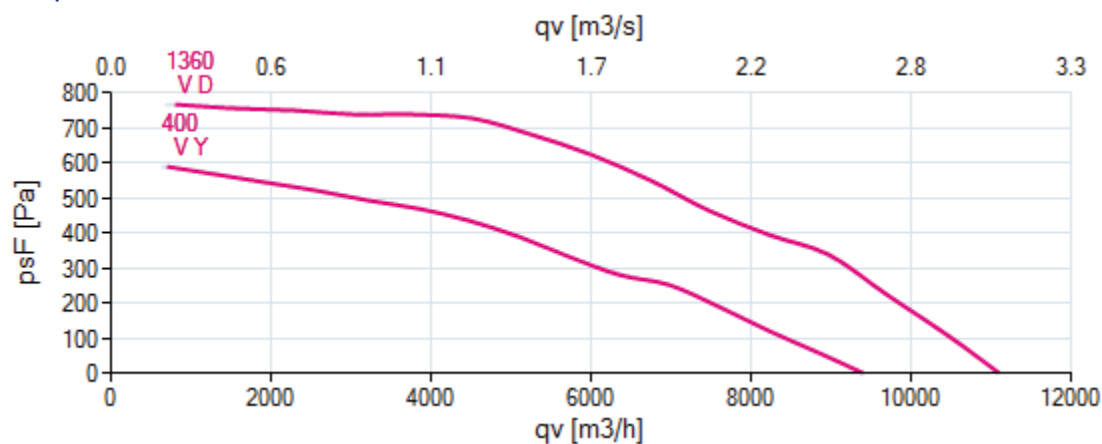
Please refer to the technical documentation of the product for the minimum and maximum ambient temperature valid for the respective fan. Operation below -25 °C as well as partial load operation for refrigeration applications is only possible with special bearings for refrigeration applications on request. If special bearings for refrigeration applications are installed in the fan, please observe the permissible maximum temperatures in the technical documentation of the product.

2. Characteristic Curve

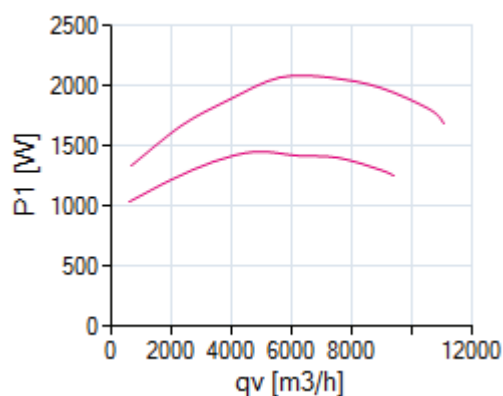
RH56M-VDK.6N.1R
3~ 400V 50Hz D

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

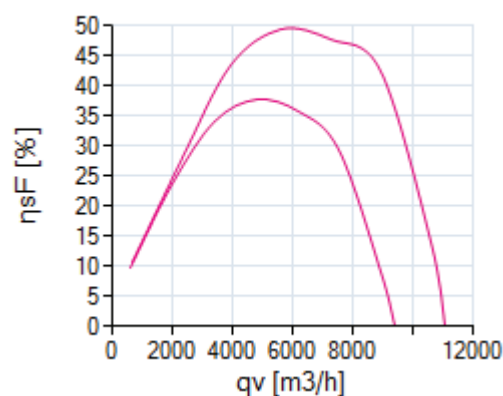
Air performance



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.

Masse und Darstellung ohne Befestigungsteile
weight and illustration without mounting parts

elektrischer Anschluss vereinfacht dargestellt
simplified electrical connection is shown

Typ type	Motor motor	A	B2	DA	DD	DL	DN	D1	D5	E	E1	F	H	H1	H2	H5	H6	SxT	T1	U	Z	GES. MASSE
Typ	MOTOR	A	B2	DA	DD	DL	DN	D1	D5	E	E1	F	H	H1	H2	H5	H6	SxT	T1	U	Z	GES. MASSE
RH56M---K.6N.1	MK137-100	140.0	200.0	530.0	570.0	380.0	570.0	459.0	9.0	162.0	510.0	6.0	388.5	87.0	260.0	307.0	388.5	M10x18	1.5	5.5	6x60°	26.6
																						26.8

Lieferung		Material		Menge		Preis		Werkstoff		Norm		Zusatz		Anmerkungen		Bemerkungen	
Lieferung		Material		Menge		Preis		Werkstoff		Norm		Zusatz		Anmerkungen		Bemerkungen	
Lieferung		Material		Menge		Preis		Werkstoff		Norm		Zusatz		Anmerkungen		Bemerkungen	
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Lieferung		Material		Menge		Preis		Werkstoff		Norm		Zusatz		Anmerkungen		Bemerkungen	
Lieferung																	

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



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](#).