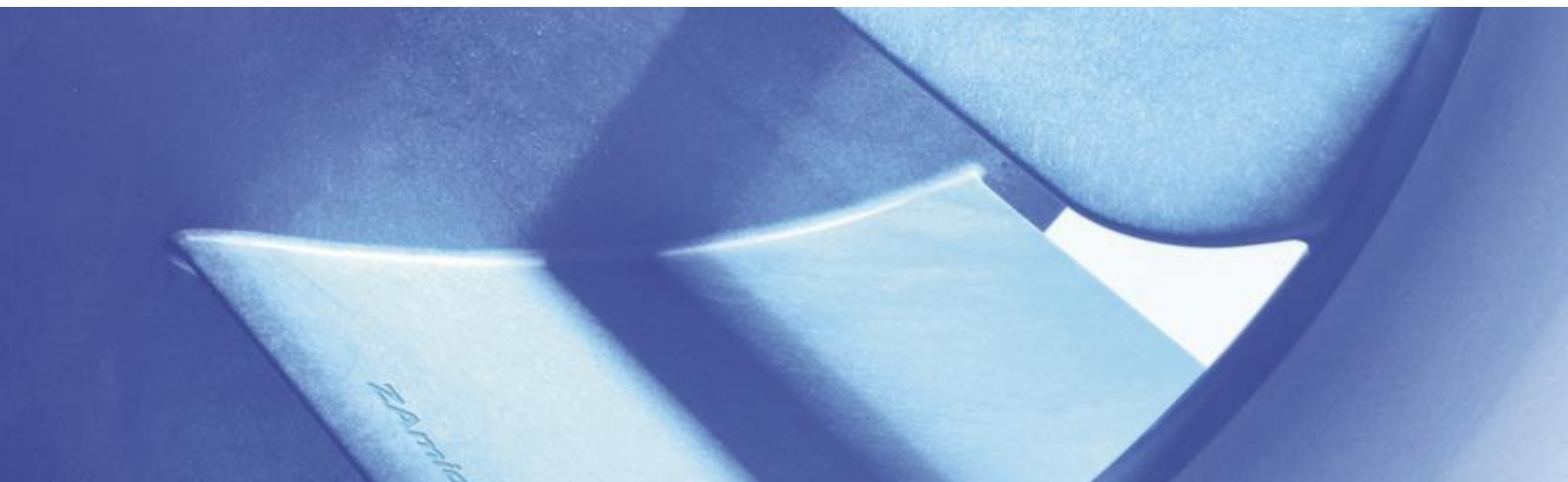


Movement by Perfection



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



Product documentation

Type
RH31M-4EK.2F.1R

Article number
134882

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1. Product specification - Technical data

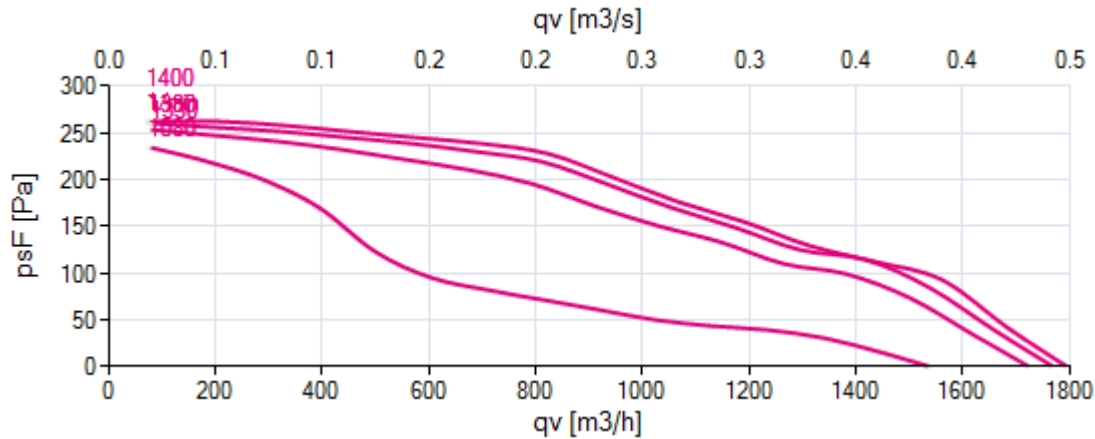
Article number	134882
Type	RH31M-4EK.2F.1R
Designation	Single inlet impeller with backward curved blades.
Rated values	1~230V $\pm 10\%$ 50Hz P ₁ 0.18kW 1.10A $\Delta I = 0\%$ 1390/min 4.0uF/400V 1~230V $\pm 10\%$ 60Hz P ₁ 0.24kW 1.15A $\Delta I = 5\%$ 1620/min 4.0uF/400V
Electrical connection	Supply cable axial, 7x 0,82mm ² (AWG18)x 55cm
ErP Data	* Does not comply with the stipulations of the ErP regulations
Min. operating temperature	-25°C
Thermal class	Thermal class 155
Cable quality	Li2G2G-J
Material impeller	Impeller made of aluminium
Connection diagram	1360-104XA
Installation position	Fitting position H/Vu/Vo
Fitting position mot	Mounting position H/Vu/Vo
Motor protection	thermal contact
Type of protection	IP54Z
Impregnation	Moisture and hot climate protection
Quality of bearings	ball bearing with long-time lubrication
Labelling UL/CSA	E111399 ZA-155, MK085-4EK.10.U
Painting motor	Motor 1 coat paint resistance class 1 (L-TI-0596)
Colour motor	2T58036999 RAL 7032 (pebble grey)
Special motor	Dust sealed design with sealing band.
Balance quality	G 6,3
Weight	5.60 kg

2. Characteristic Curve

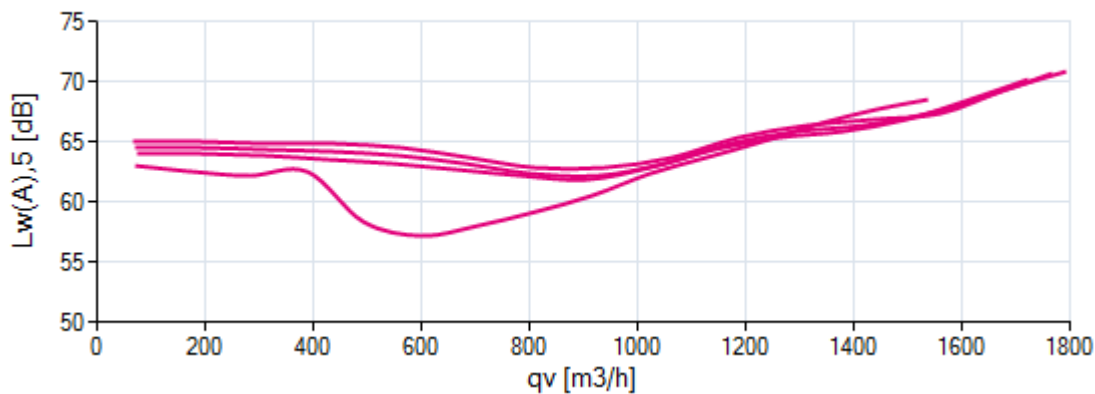
RH31M-4EK.2F.1R
1~ 230V 50Hz

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

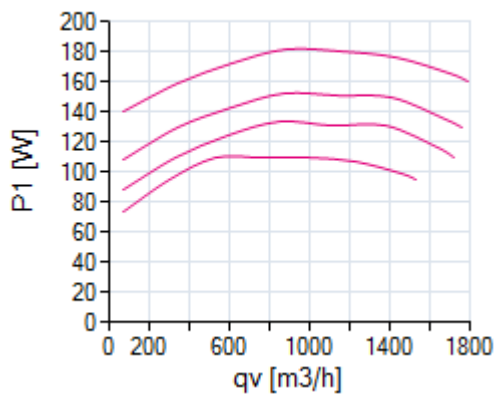
Air performance



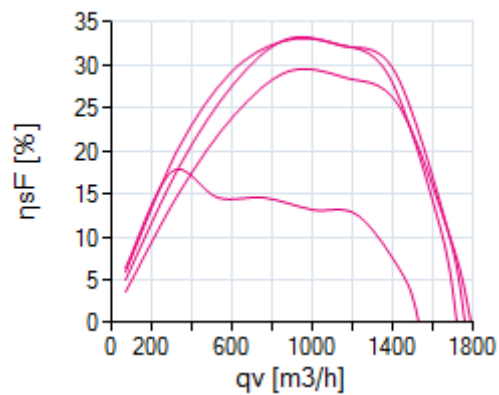
Acoustics



Power input



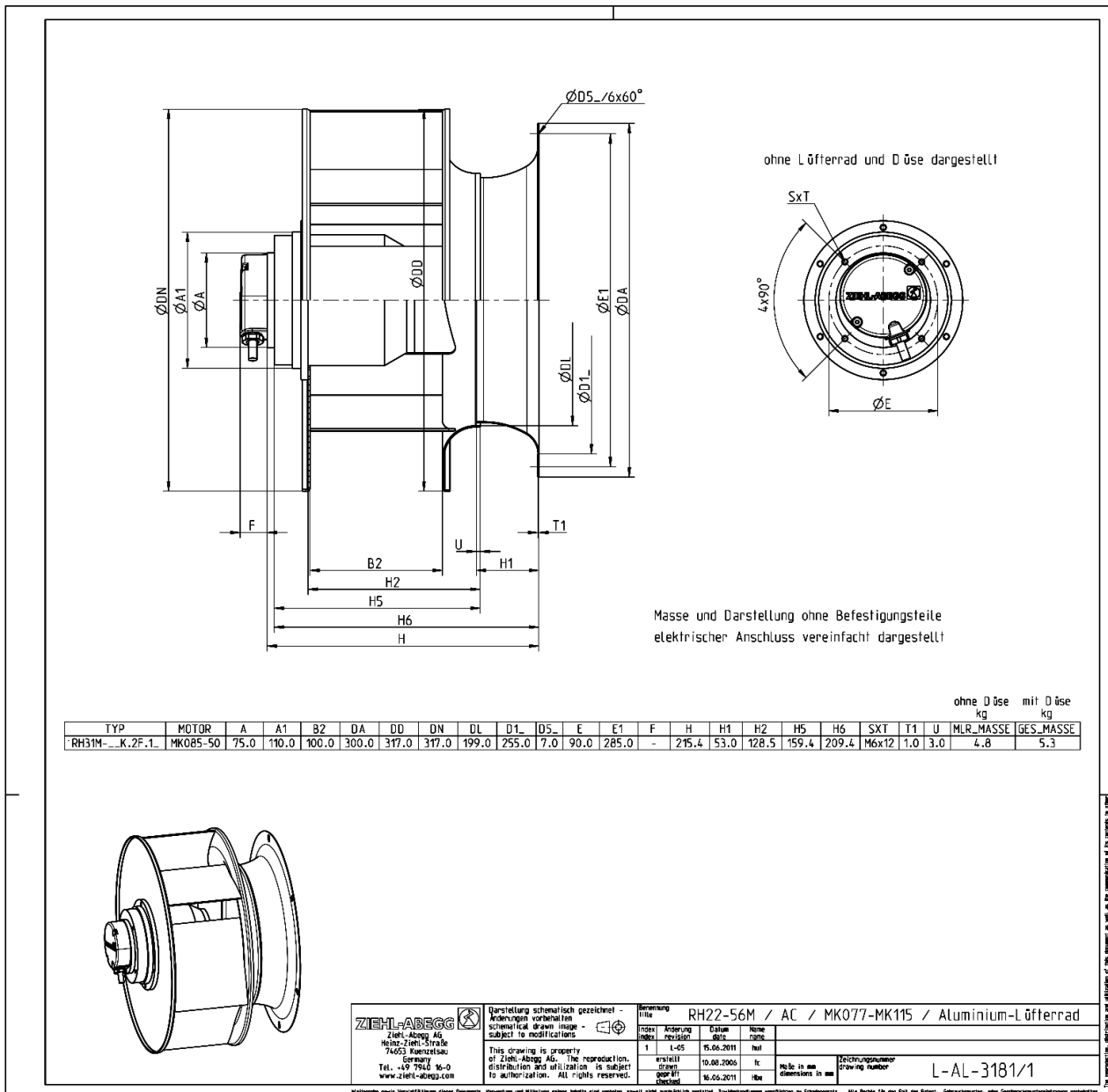
Efficiency



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

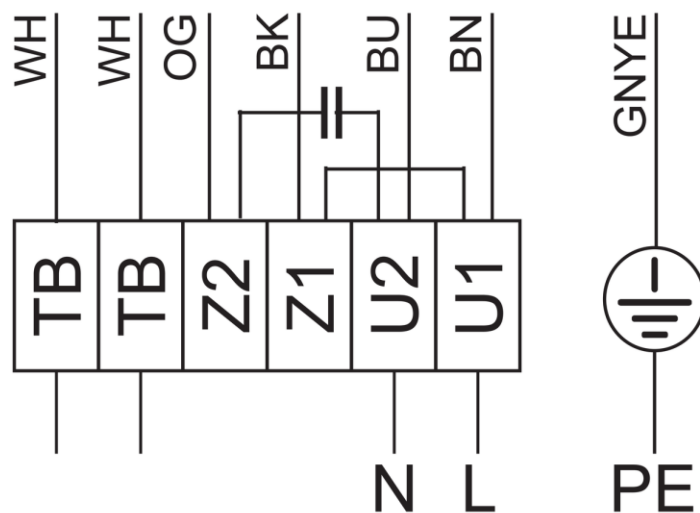
wiring diagram: 1360-104XA

1~ Motor mit Kondensator und
Thermostatschalter (falls eingebaut).

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

104XA-05

Rechtslauf
Clockwise rotation



WH - weiß, white
OG - orange, orange
BK - schwarz, black
BU - blau, blue
BN - braun, brown
GNYE - grün-gelb, green-yellow