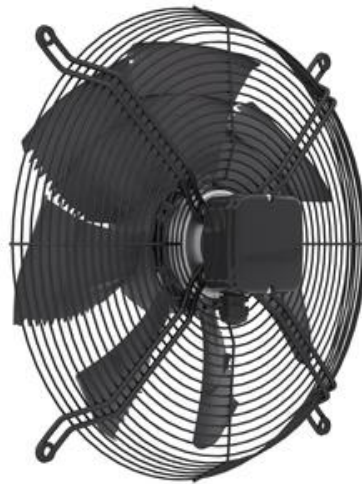


Movement by Perfection



The Royal League in ventilation, control and drive technology



[Product documentation](#)

Type  
FN040-4EW.0F.A7P1

Article number  
154201

## Product documentation

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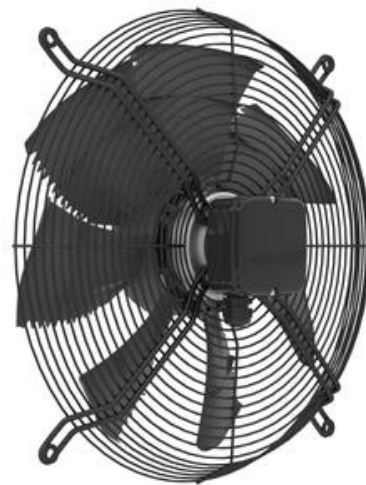
[info@ziehl-abegg.com.cn](mailto:info@ziehl-abegg.com.cn)

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### Contents

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## 1. Product specification - Technical data

<b>Article number</b>	154201
<b>Type</b>	FN040-4EW.0F.A7P1
<b>Designation</b>	Axial fan with sickle blades
<b>Rated values</b>	1~230V±10% 50Hz P <sub>1</sub> 240W 1.05A ΔI=15% 1340/min 5.0uF/400V 65°C 1~230V±10% 60Hz P <sub>1</sub> 330W 1,45A ΔI=5% 1480/min 5,0uF/400V PsF max. 70Pa 40°C
<b>Electrical connection</b>	Terminal box K05
<b>Min. operating temperature °C</b>	-25***
<b>Mounting type terminal box</b>	Mounted on Stator
<b>Type of protection</b>	IP54
<b>Thermal class</b>	THCL155
<b>Connection diagram</b>	1360-104XB
<b>Rating plate</b>	1x fixed
<b>Fitting position</b>	H/Vu/Vo
<b>Motor protection</b>	thermal contact
<b>Impregnation</b>	Moisture and hot climate protection
<b>Quality of bearings</b>	ball bearing with long-time lubrication
<b>Material Rotor</b>	Aluminium
<b>Painting rotor</b>	Rotor 1 coat painted
<b>colour rotor</b>	RAL 9005 (jet black)
<b>Material blades</b>	High Performance Composite Material
<b>Painting impeller</b>	unpainted
<b>Colour blades</b>	black
<b>Guard grille type</b>	ring grill
<b>Control</b>	--
<b>Painting mot.suspens</b>	Motor suspension powder-coated consistency class 2
<b>colour suspension</b>	RAL 9005 (jet black)
<b>Weight kg</b>	5,50
<b>ErP Data</b>	Efficiency $\eta_{statA}$ : 31,1 % Efficiency grade: $N_{actual} = 41,3 / N_{target} = 40^*$ *ErP 2015

## 2. Characteristic Curve

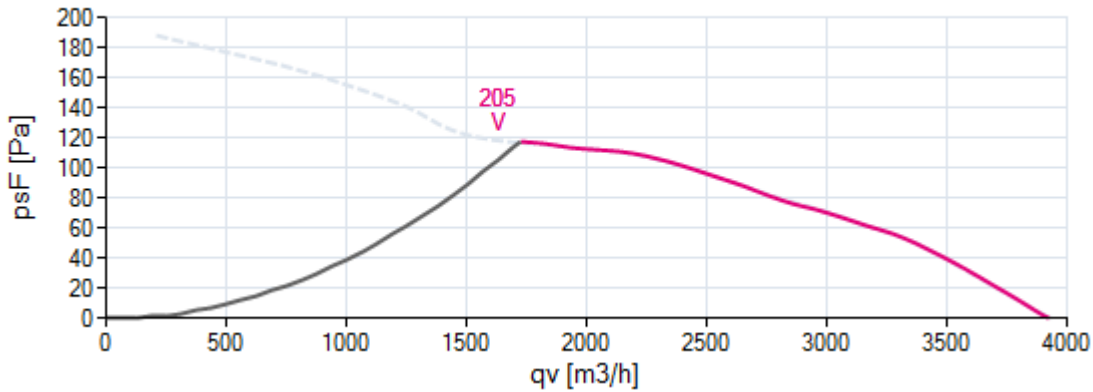
FN040-4EW.0F.A7P1

Measured with full nozzle without guard grille in installation type A according to ISO 5801

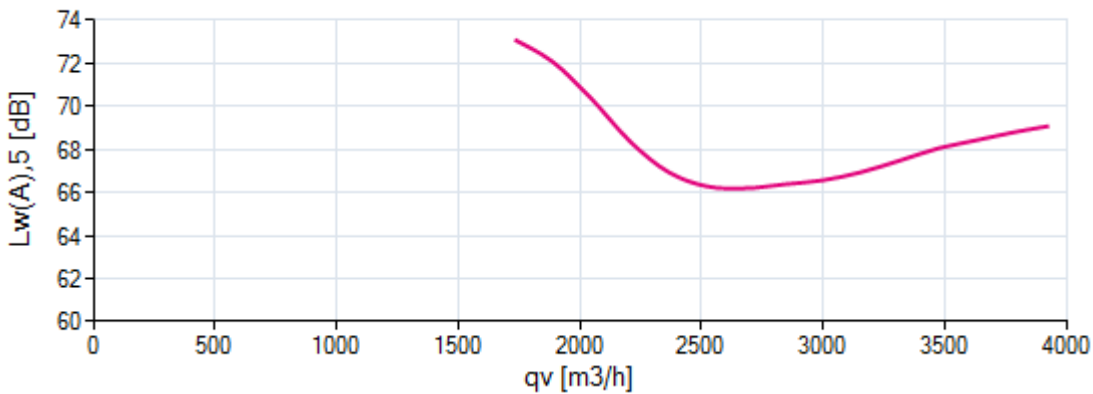
1~ 230V 50Hz

Messdichte 1,16

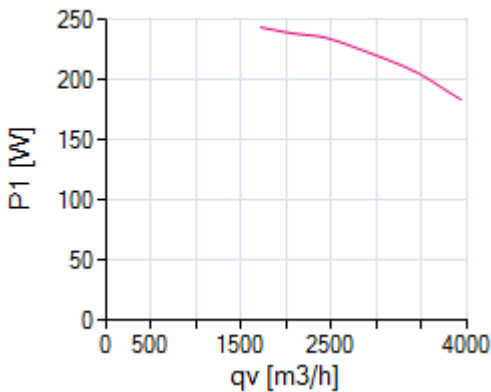
### Air performance



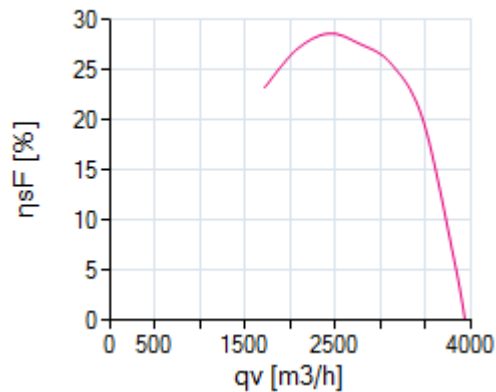
### Acoustics



### Power input



### Efficiency



89302

Please note: It's not allowed to use this fan in the stall area!\*

Article number  
154201

# The Royal League

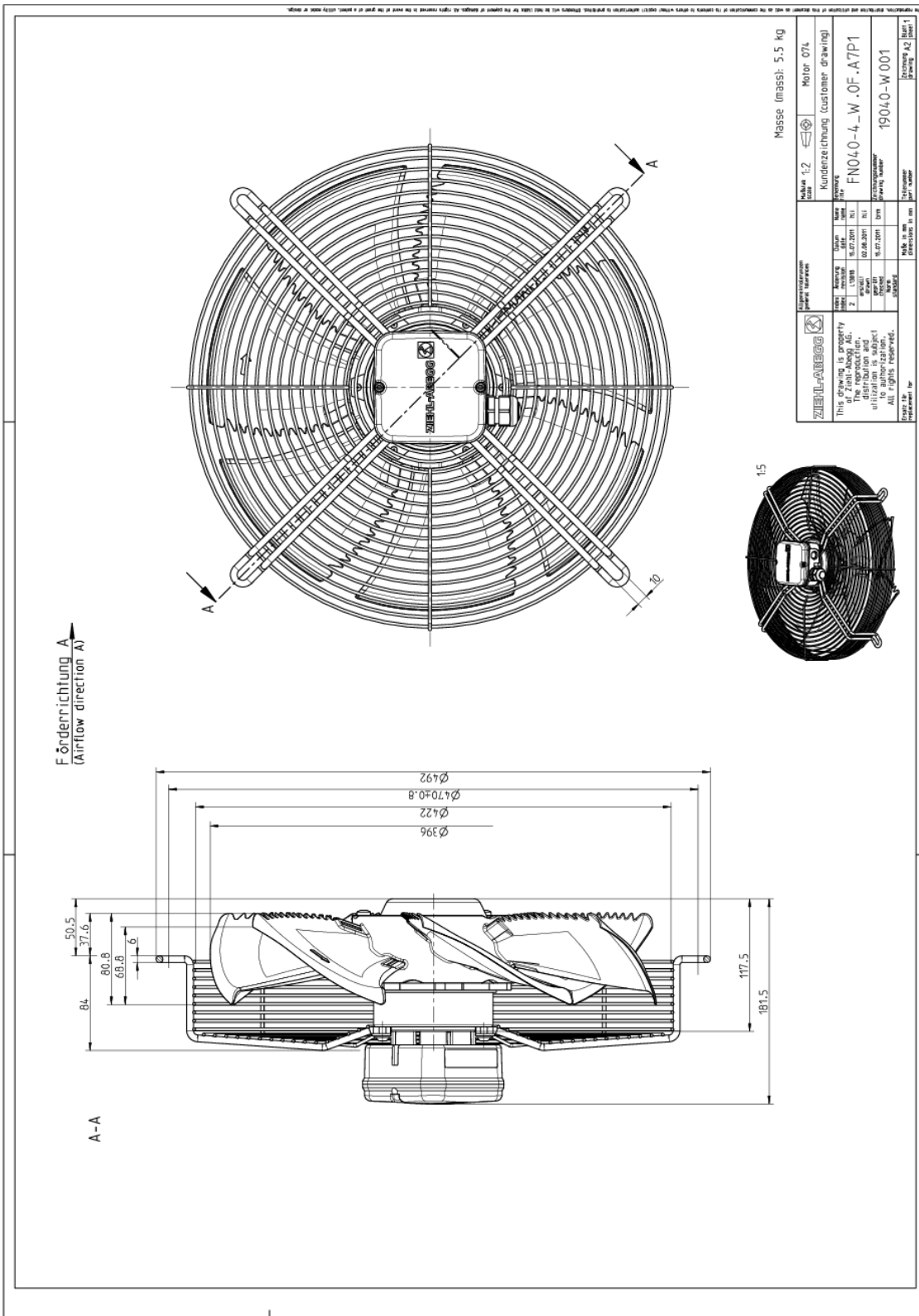
## Die Königsklasse

\*In doubt please ask your responsible ZIEHL-ABEGG sales contact.

### Data of operating point

frequency ( $f_{BP}$ )	50	Hz
mains supply	1~ 230V 50Hz	
guard grille	no	

### 3. Drawing



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

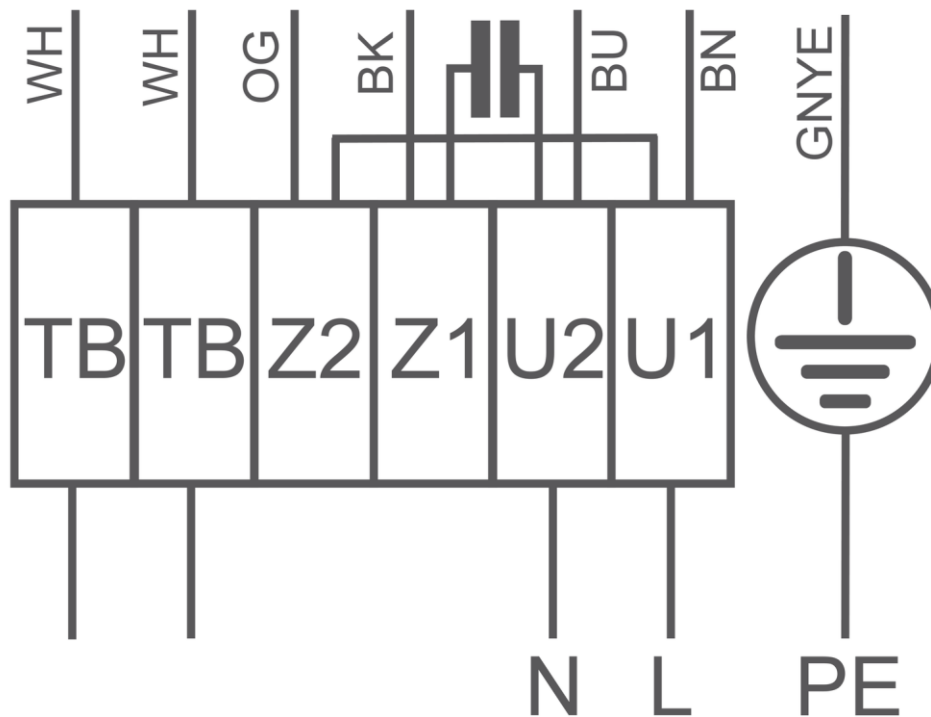
### 4. Connection diagram

#### 1360-104XB

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

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

Counter Clockwise rotation











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## 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](#).