



Movement by Perfection



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



Product documentation

Type  
FN035-6IQ.BA.A7P2

Article number  
170612

### 1. Product specification

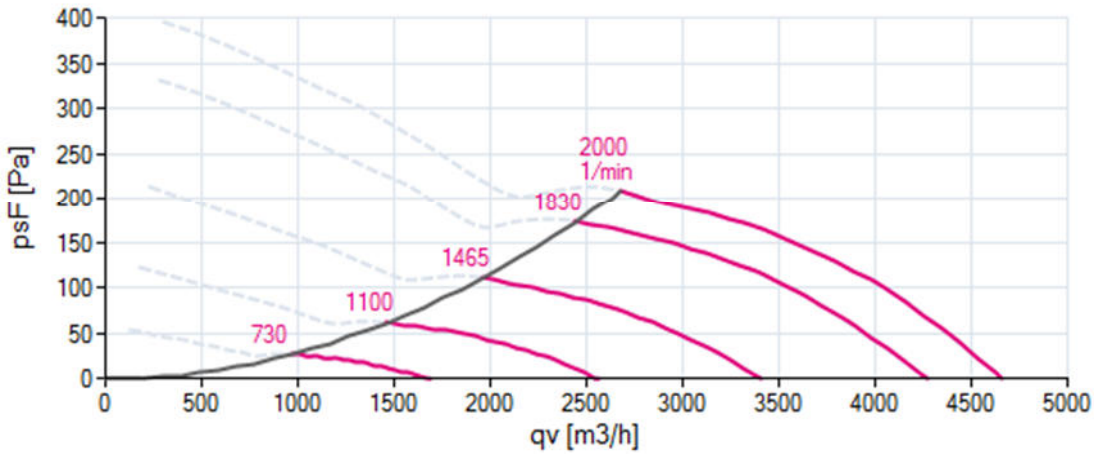
#### Technical data

<b>Article number</b>	170612
<b>Type</b>	FN035-6IQ.BA.A7P2
<b>Designation</b>	Axial fan with sickle blades
<b>Rated values</b>	1~200-277V 50/60Hz P <sub>i</sub> 460W 2.40-1.70A 2000 min <sup>-1</sup> 55 °C
<b>Electrical connection</b>	Integrated controller
<b>Min. operating temperature °C</b>	-35
<b>Type of protection</b>	IP54
<b>Thermal class</b>	THCL155
<b>Connection diagram</b>	1360-384
<b>Rating plate</b>	1x fixed
<b>Fitting position</b>	H/Vu/Vo
<b>Motor protection</b>	integrated active temperaturemanagement
<b>Quality of bearings</b>	ball bearing with long-time lubrication
<b>Material Rotor</b>	Steel
<b>Painting rotor</b>	2 coat painted
<b>colour rotor</b>	RAL 5002 (ultramarine blue)
<b>Material blades</b>	High Performance Composite Material
<b>Painting impeller</b>	unpainted
<b>Colour blades</b>	black
<b>Guard grille type</b>	ring grille
<b>Painting pipe</b>	Bell mouth powder-coated consistency class 2
<b>Colour pipe</b>	RAL 9005 (jet black)
<b>Painting mot.suspens</b>	Motor suspension powder-coated consistency class 2
<b>colour suspension</b>	RAL 9005 (jet black)
<b>Weight kg</b>	9,50
<b>ErP Data</b>	Efficiency $\eta_{\text{statA}}$ : 38.8 % Efficiency: $N_{\text{actual}} = 47.2 / N_{\text{target}} = 40^*$ *ErP 2015

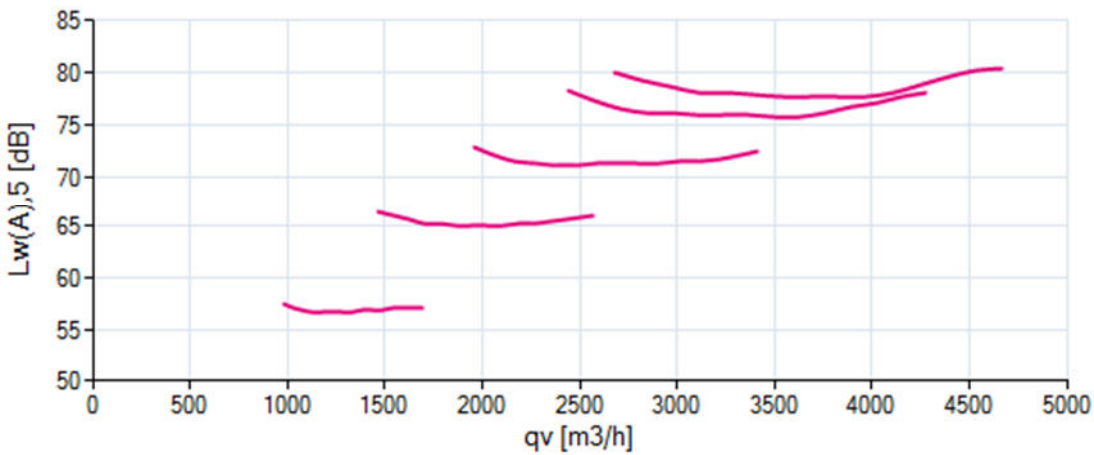


## 2. Characteristic Curve

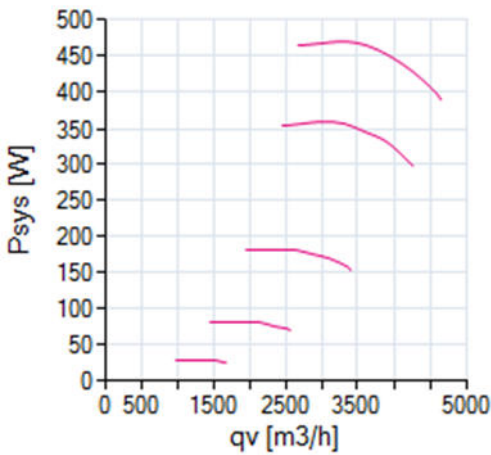
### Air performance



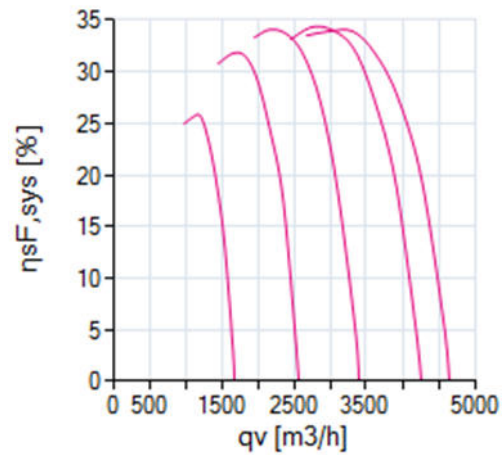
### Acoustics



### Power input



### Efficiency

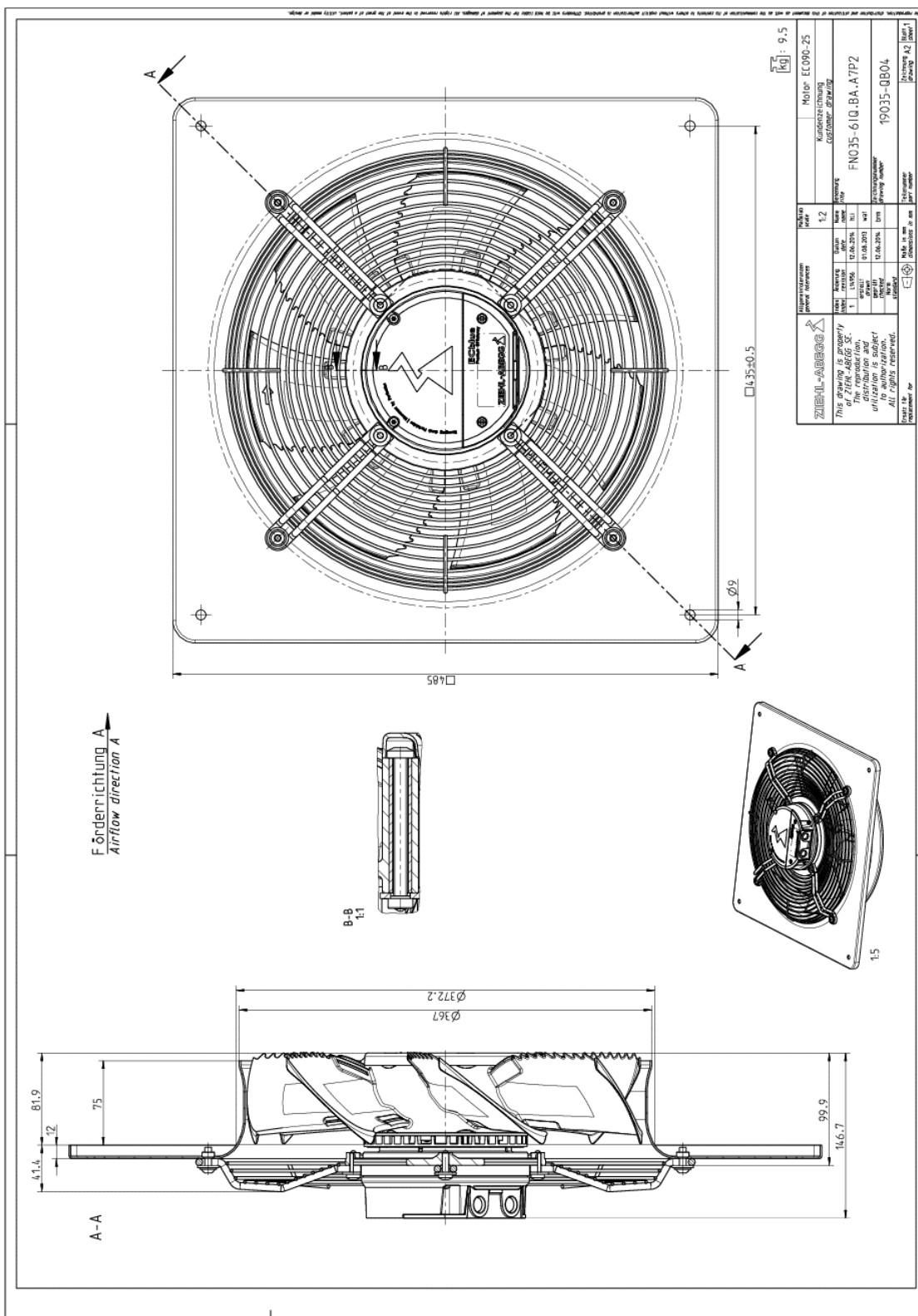


měřeno v plném hrdle bez mřížky, instalace typ A podle ISO 5801



# The Royal League Die Königsklasse

## 3. Drawing



Dimensions in mm

Shown drawing is just to show the dimensions of the fan.

www.ziehl-abegg.com  
ErstellsQQQXXXYYdate

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### 4. Connection diagram

1360-384



⑤ Vor Nässe und Schmutz schützen  
Keep dry and protect from dirt

00298951 / 16.11.2011

