

1. Product specification - Technical data

Article number	185467	
Type	FN035-6EK.0C.V7P2	
Designation	Axial fan with sickle blades	
Rated values	1~230V $\pm 10\%$ 50Hz P ₁ 85W 0.39A $\Delta I = 0\%$ 930/min 3.0uF/400V 70°C 1~230V $\pm 10\%$ 60Hz P ₁ 120W 0.52A $\Delta I = 0\%$ 1060/min 3.0uF/400V 70°C	
Electrical connection	Terminal box K05	
ErP Data	Not subject to the regulations of ErP directive (P ₁ < 125 W)	
Type of protection	IP54	
Thermal class	THCL155	
Mounting type terminal box	Mounted on Stator	
Connection diagram	1360-104XA	
Rating plate	1x fixed	
Fitting position	H/Vu/Vo	
Motor protection	thermal contact	
Impregnation	Moisture and hot climate protection	
Condensation	Condensation water holes in stator/rotor open	
Quality of bearings	ball bearing with long-time lubrication	
Material Rotor	Aluminium	
Painting rotor	Rotor 1 coat paint resistance class 1 (L-TI-0596)	
colour rotor	RAL 9005 (jet black)	
painting stator	Stator 1 coat paint resistance class 1 (L-TI-0596)	
colour stator	RAL 9005 (jet black)	
Material blades	High Performance Composite Material	
Painting blades	Blades unpainted	
Colour blades	black	
Guard grille type	ring grill	
Painting mot.suspens	Motor suspension powder-coated resistance class 2 (L-TI-0585)	
colour suspension	RAL 9005 (jet black)	
Operating manual	L-BAL-1.00	www.ziehl-abegg.com/bal
Weight	4.60	kg

Hata! Belgede
belirtilen stilde
metne
rastlanmadı.
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2. Characteristic Curve

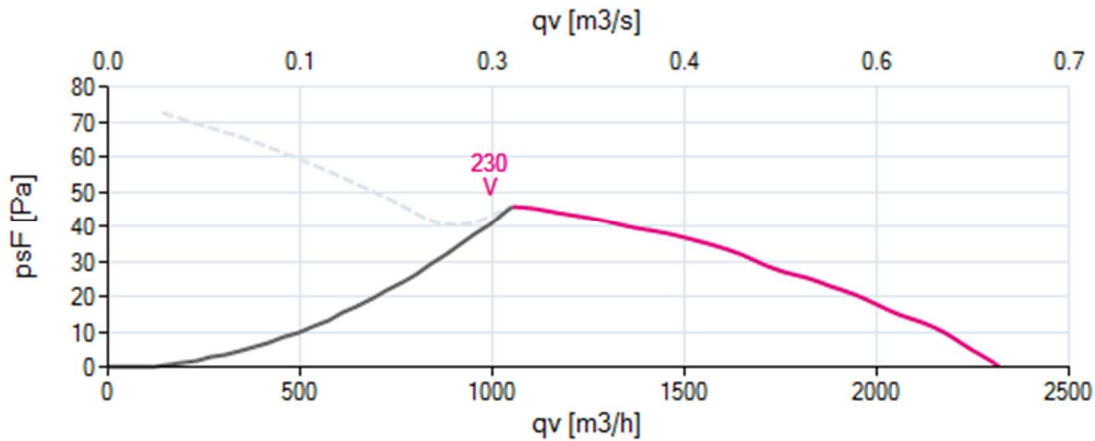
FN035-6EK.0C.V7P2

Measured in full nozzle without guard grille in air flow direction V in installation type A according to ISO5801

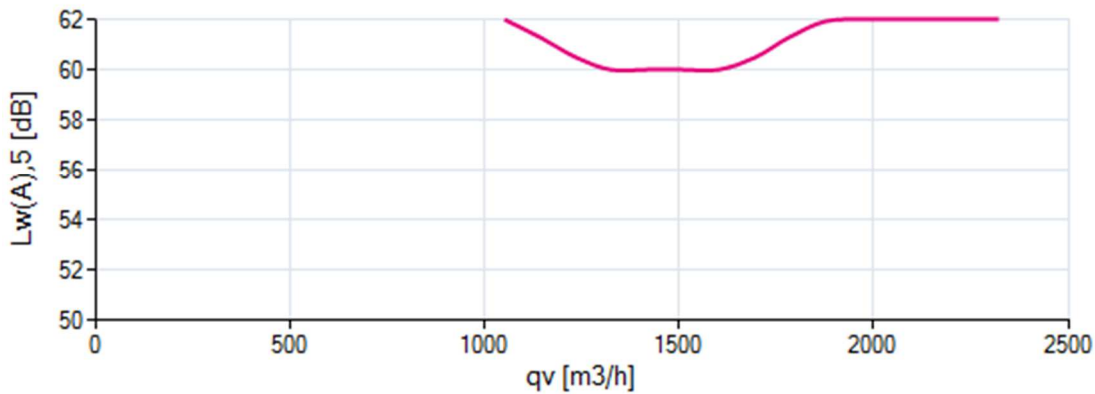
1~ 230V 50Hz

measurement density 1,16 kg/m³

Air performance



Acoustics

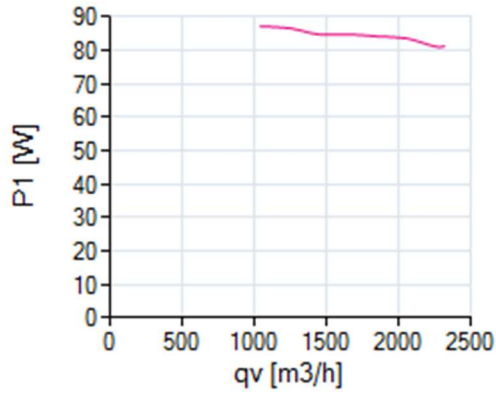


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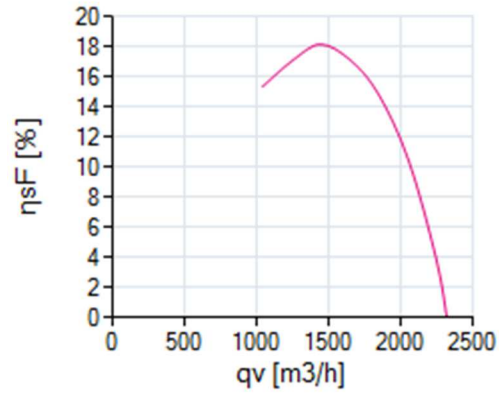
Die Königsklasse

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Power input



Efficiency



85951

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

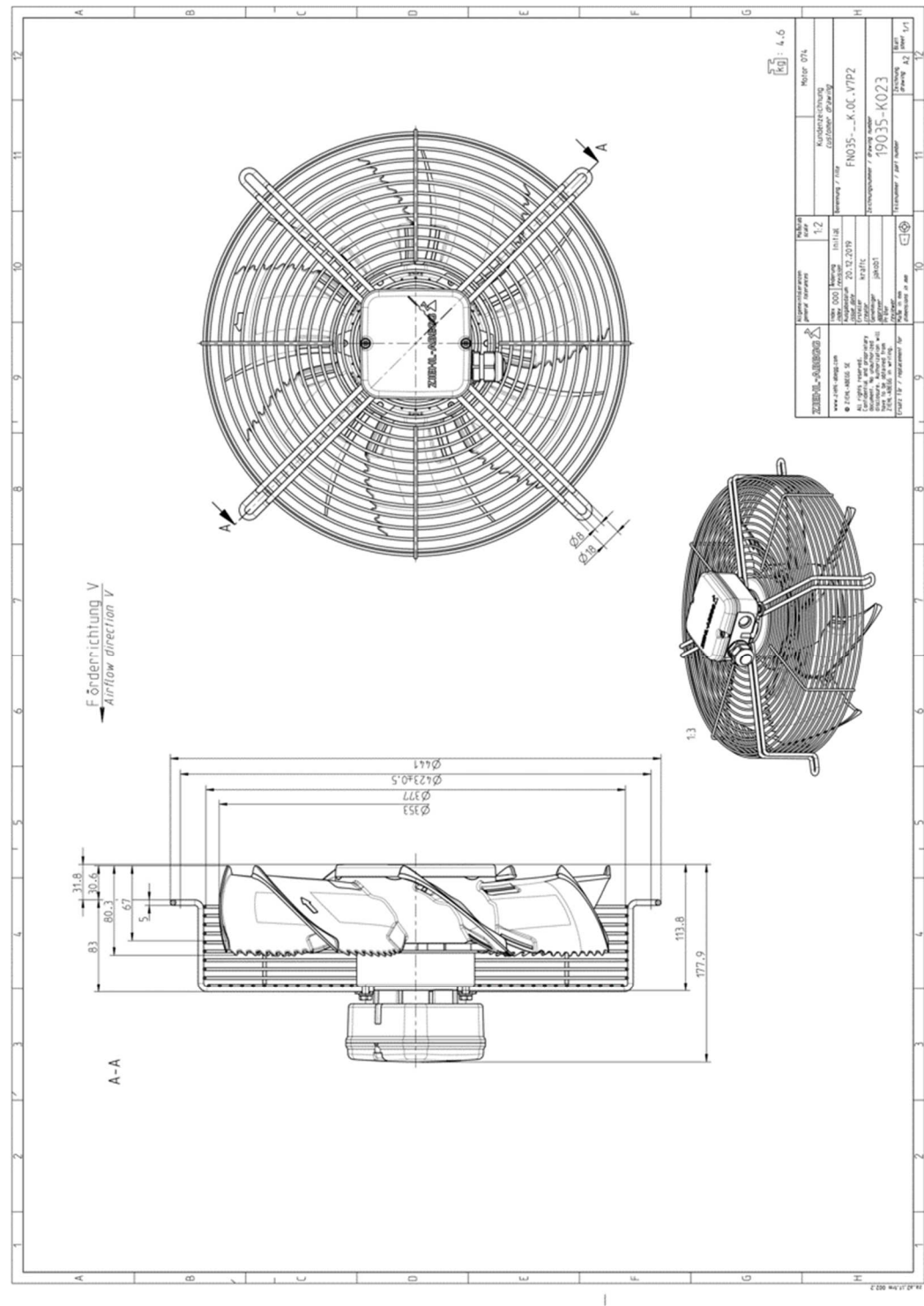
*In doubt please ask your responsible ZIEHL-ABEGG sales contact.

Hata! Belgede belirtilen stilde metne rastlanmadı.
Hata! Belgede belirtilen stilde metne rastlanmadı.

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Die Königsklasse

3. Drawing



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

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Die Königsklasse

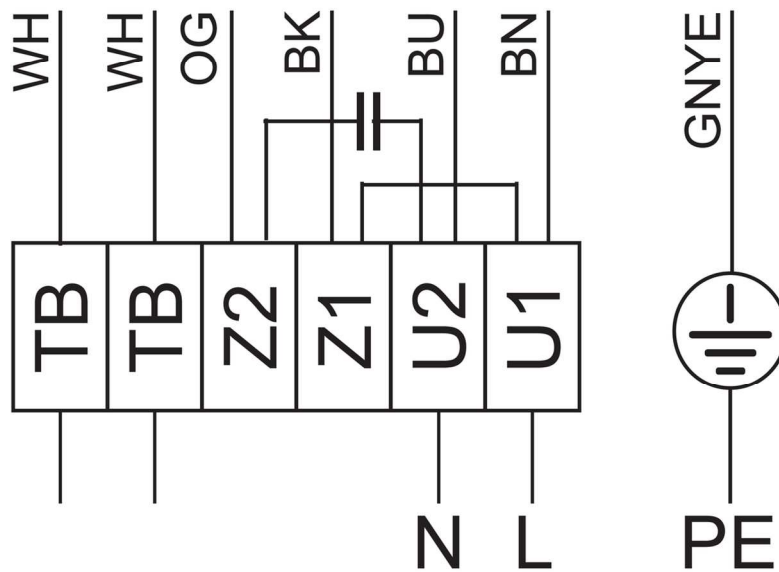
4. Connection diagram

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