

1. Product specification

Technical data

Article number	175052
Type	FN050-4EK.4I.V7P1
Designation	Axial fan with sickle blades
Rated values	1~230V±10% 50Hz P ₁ 0,72kW 3.20A ΔI=0% 1240/min 16.0uF/400V 70°C 1~230V±10% 60Hz P ₁ 1,00kW 4,40A ΔI=0% 1260/min 16,0uF/400V 65°C
Electrical connection	Terminal box K62
Min. operating temperature °C	-25
Mounting type terminal box	Mounted on Stator
Type of protection	IP54
Thermal class	THCL155
Connection diagram	1360-104XA
Rating plate	1x fixed
Fitting position	H/Vu/Vo
Motor protection	thermal contact
Impregnation	Moisture and hot climate protection
Quality of bearings	ball bearing with long-time lubrication
Material Rotor	Aluminium
Painting rotor	Rotor 1 coat painted
colour rotor	RAL 9005 (jet black)
Material blades	Aluminium
Painting impeller	1 coat painted
Colour blades	RAL 9005 (jet black)
Field of application	Standardanwendung
Guard grille type	ring grill
Other	Balancing quality G 4,0
Painting mot.suspens	Motor suspension 1 coat paint
colour suspension	RAL 9005 (jet black)
Weight kg	13,30
ErP Data	Efficiency η_{statA} : 32,9 % Efficiency: $N_{actual} = 40,3 / N_{target} = 40^*$ *ErP 2015

2. Characteristic curve

Beschreibung / Description

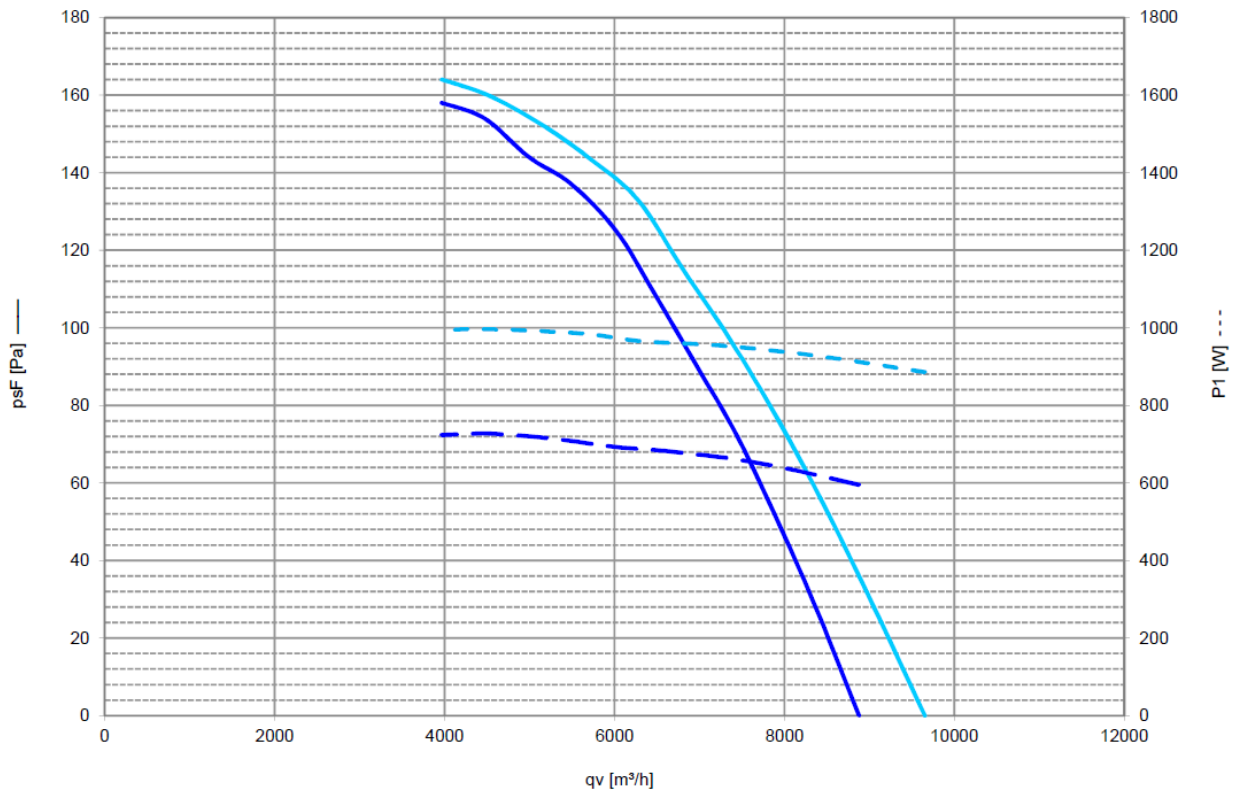
Typ: FN050-4EQ.4I.A7P1
1~ 230V ±10% 50Hz P1 0,72kW
3,2A DI=0% 1240/MIN 16uF/400V 70°C
1~ 230V ±10% 60Hz P1 1,00kW
4,4A DI=0% 1260/MIN 16uF/400V 65°C
IP54 THCL 155

Messaufbau / Assembling:
Ventilator montiert in Volldüse ohne Berührschutzgitter.
Fan measured in full bell mouth without guard grille.

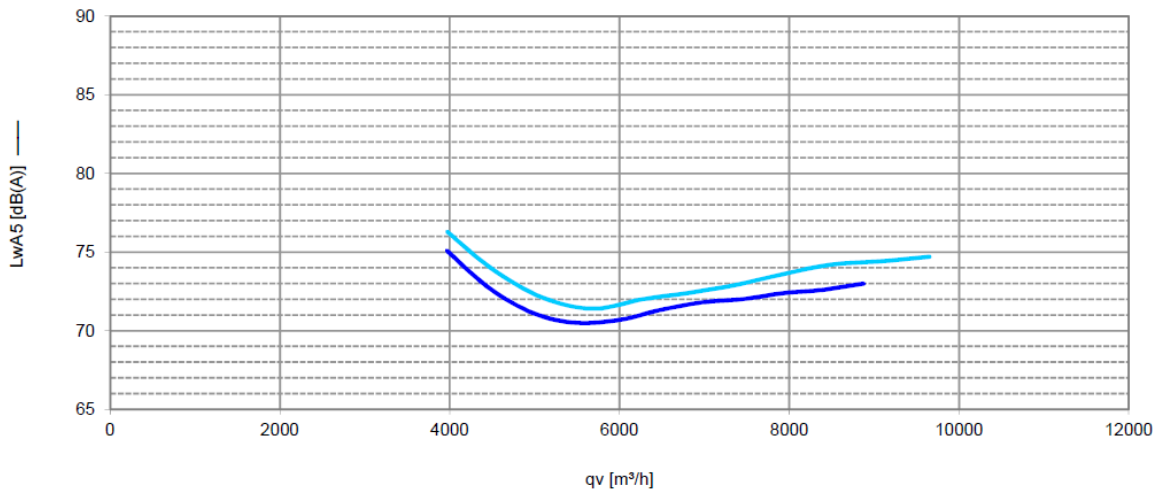
Legende / Legend

- A) 1~ 230V 50Hz L 16uF [ID 111156]
 - B) 1~ 230V 60Hz L 16uF [ID 111444]
- Gemessen mit üblichen Toleranzen / Measured with normal tolerances

1. Diagramm / Chart : Volumenstrom - Druckerhöhung - elektr. Leistungsaufnahme / Airflow - Pressure - Electr. Power Input



2. Diagramm / Chart : Volumenstrom - Akustik / Airflow - Acoustics

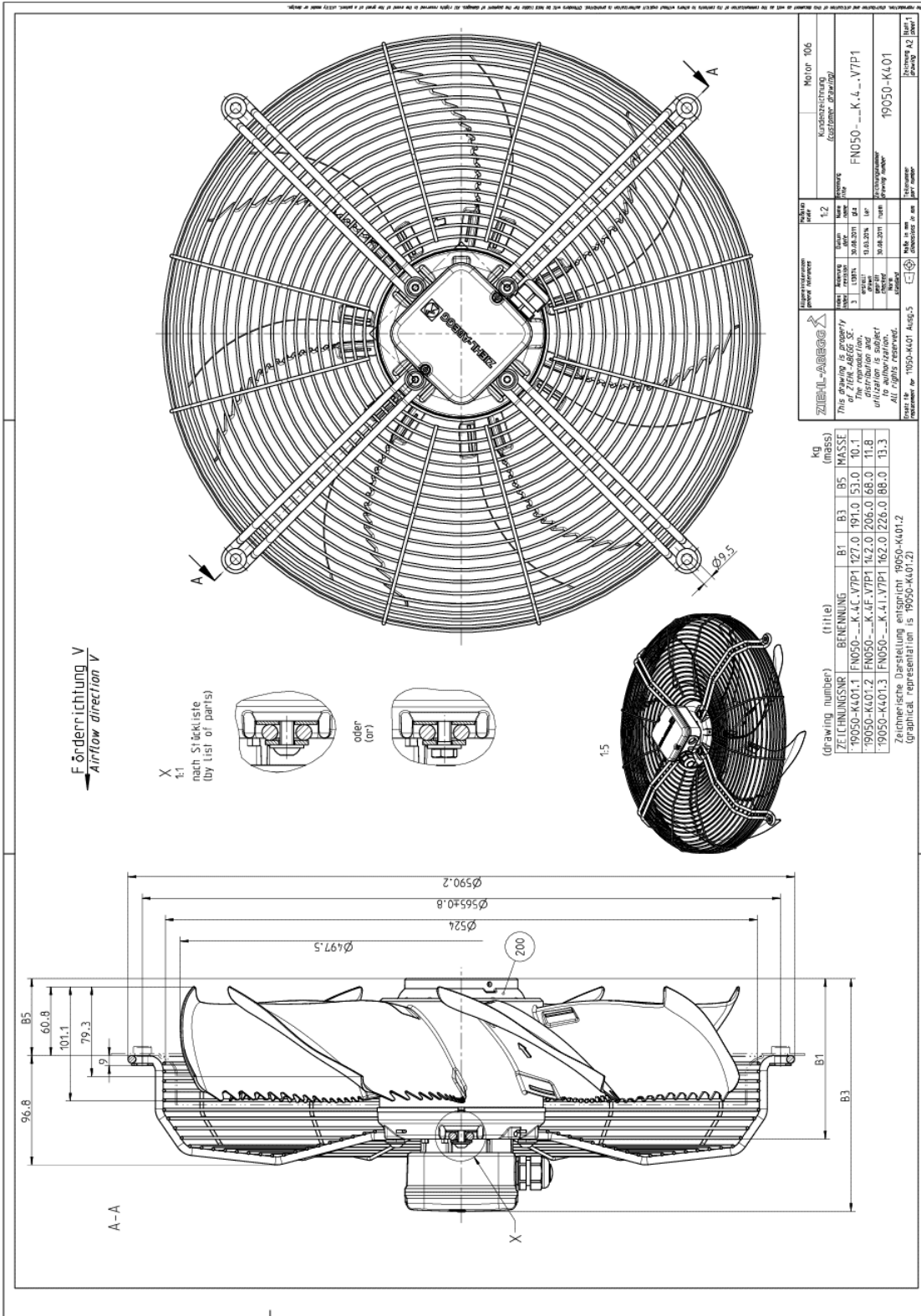


Hata! Belgede belirtilen stilde metne
Hata! Belgede belirtilen stilde metne

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
ErstellsQQQXXXYYYYdate

Movement by Perfection | Bewegung durch Perfektion

Connection diagram

1360-104XA

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

U1 brown
U2 blue
Z1 black
Z2 orange
TB white

Clockwise rotation

