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

ZIEHL-ABEGG

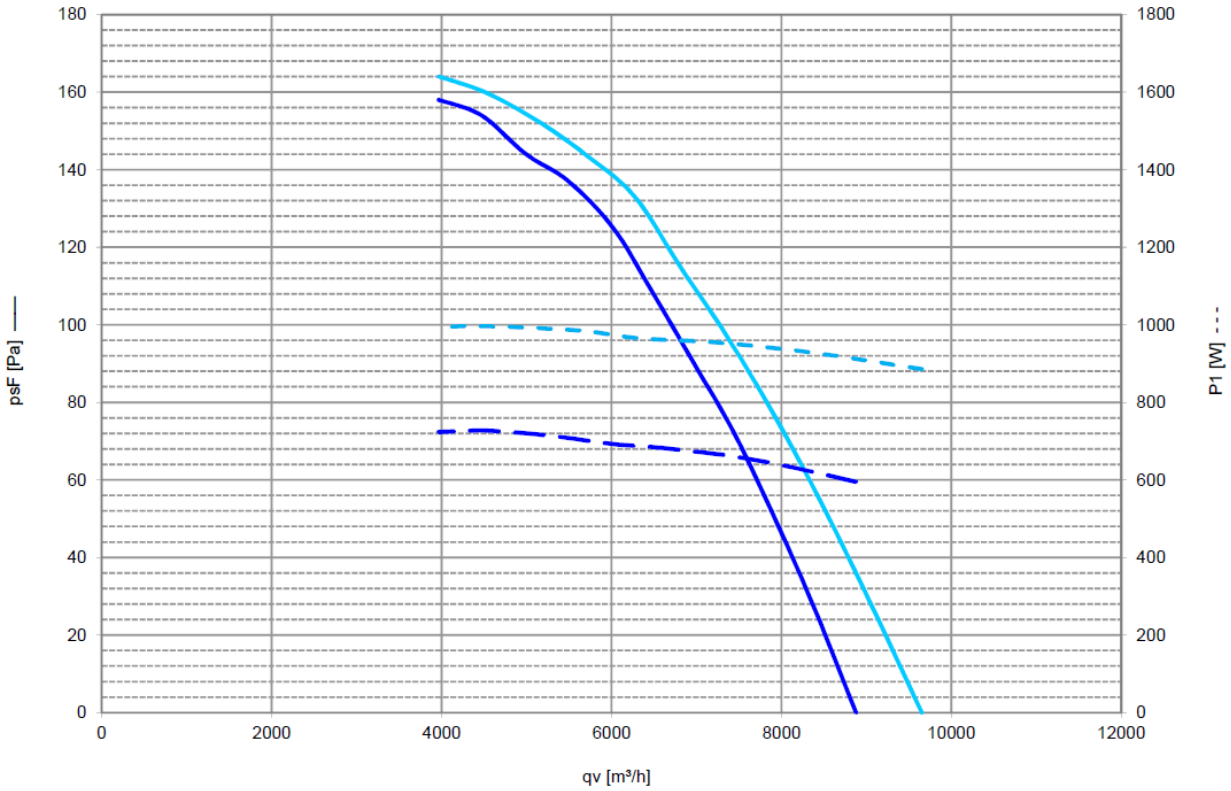
2. Characteristic curve

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

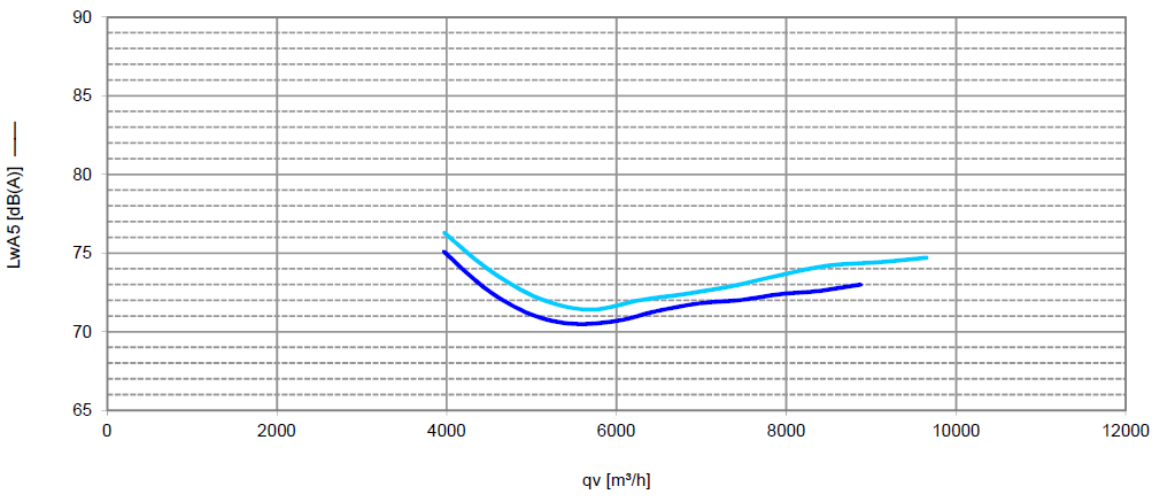
Messaufbau / Assembling:
Ventilator montiert in Volldüse ohne Berührschutzgitter.
Fan measured in full bell mouth without guard grille.

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

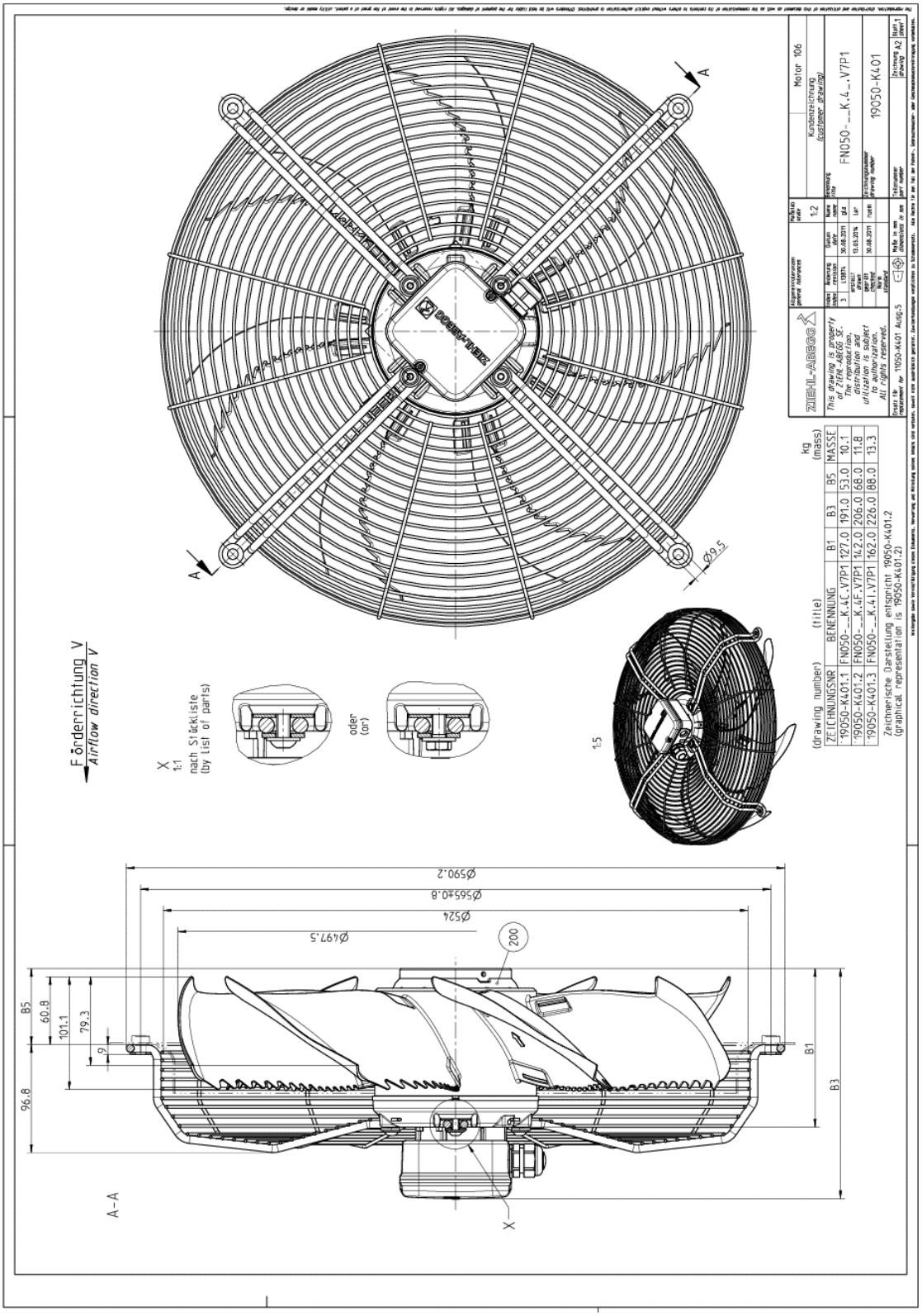
1. Diagramm / Chart : Volumenstrom - Druckerhöhung - elektr. Leistungsaufnahme / Airflow - Pressure - Electr. Power Input



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



3. Drawing



Dimensions in mm

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

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