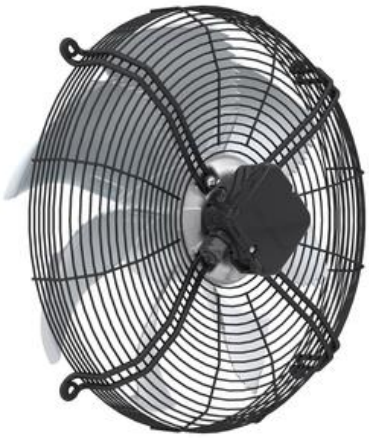
AE

Movement by Perfection

The Royal League in ventilation, control and drive technology



Product documentation

Type
FN050-4EK.4I.V7P1

Article number
140057

Distributed By:

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Freephone 0508 634 341 | Fax 09 634 7417

7 Monier Pl, Mt Wellington, Auckland 1060, New Zealand

ZIEHL-ABEGG

1. Product specification

Technical data

Article number	140057
Type	FN050-4EK.4I.V7P1
Designation	Axial fan with sickle blades
Rated values	1~230V±10% 50Hz P_1 760W 3.30A ∆I=5% 1230/min 16.0uF/400V 70°C 1~230V±10% 60Hz P_1 1,05kW 4,60A ∆I=0% 1250/min 16,0uF/400V 50°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	unpainted
Material blades	Aluminium
Painting impeller	unpainted
Guard grille type	ring grill
Control	--
Other	Balancing quality G 4,0
Painting mot.suspens	Motor suspension powder-coated consistency class 2
colour suspension	RAL 9005 (jet black)
Weight kg	13,30
ErP Data	Efficiency η_{statA}: 28,9 % Efficiency grade: N_{actual} = 36,3 / N_{target} = 36* *ErP 2013* Does not comply with the stipulations of the ErP regulations

*** Occasional operation ≤ -20°C and in consideration of lowest temperature according to product documentation permissible. For cooling applications with continuous operation ≤ -20°C cold design on request.

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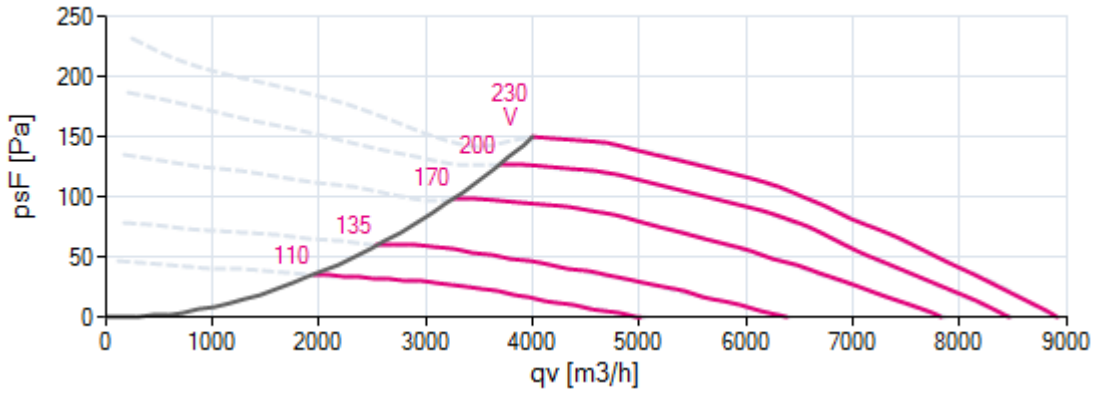
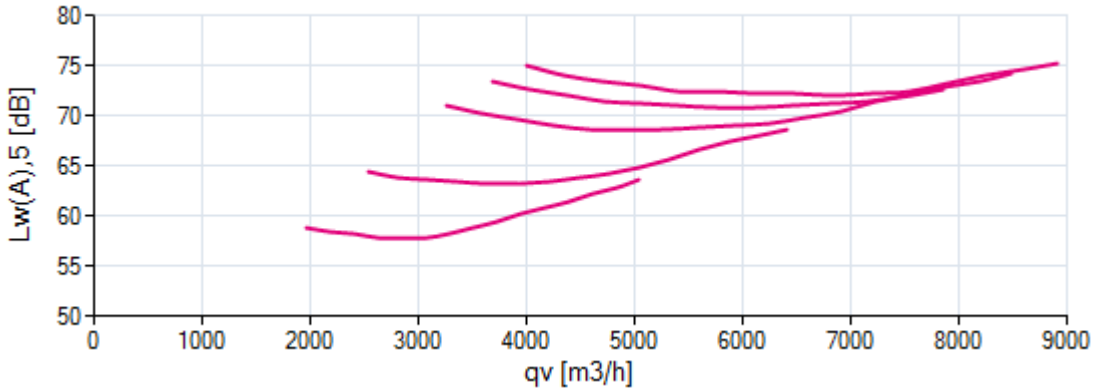
2. Characteristic Curve

FN050-4EK.4I.V7P1	Gemessen in Volldüse ohne Berührschutzgitter in Einbauart A nach ISO 5801
1~ 230V 50Hz	Messdichte 1,16

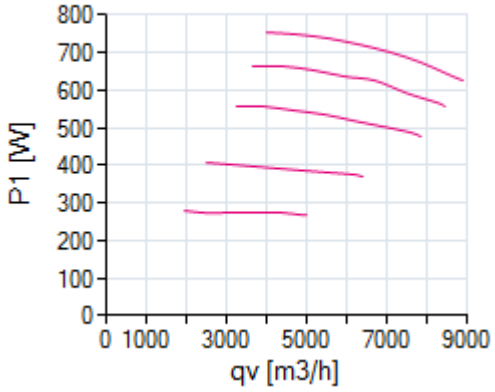
Air performance



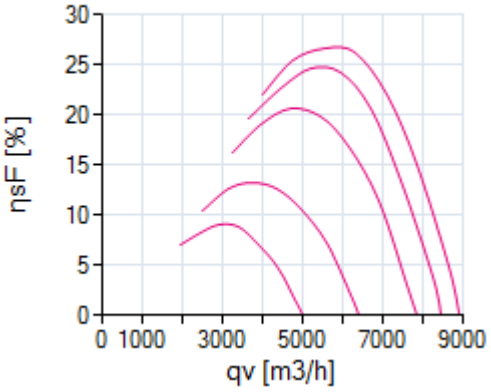
Acoustics



Power input



Efficiency



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

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

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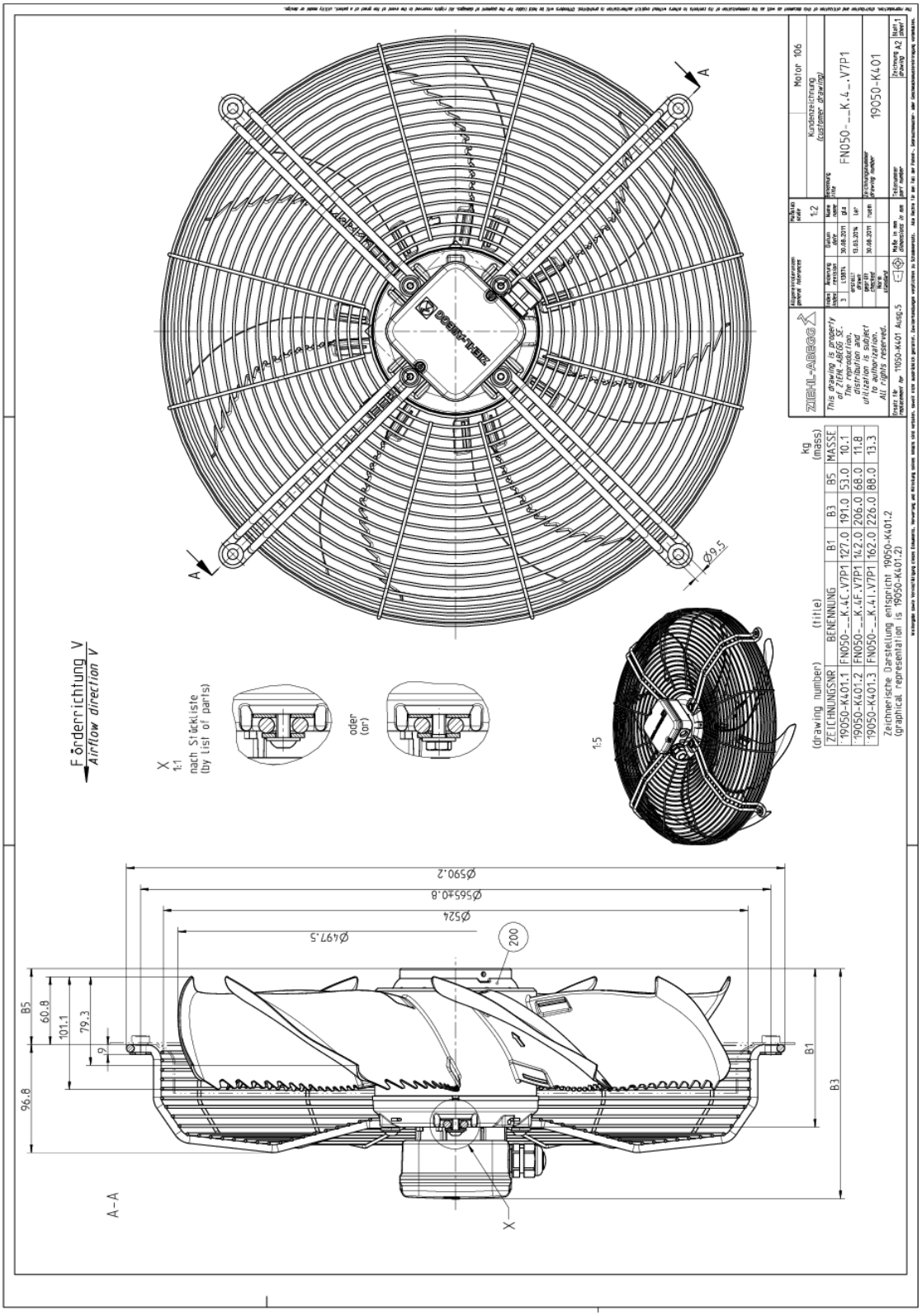
3. Drawing



Dimensions in mm

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

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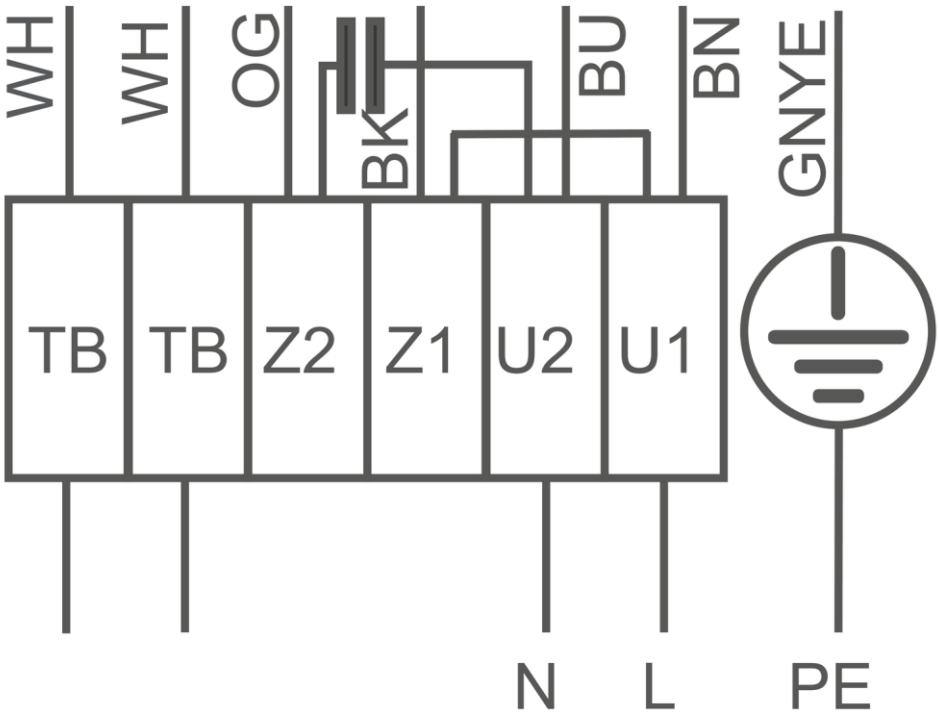
4. Connection diagram

1360-104XA

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

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

Clockwise rotation



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

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.

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