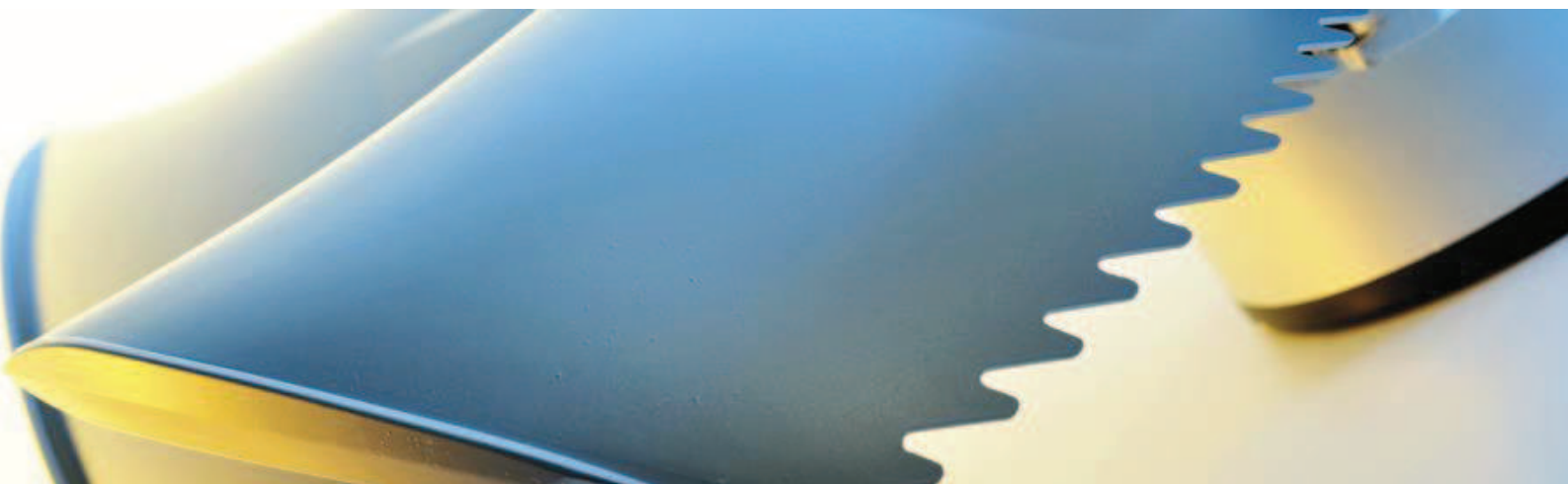


Movement by Perfection



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



Product documentation

Type
FC040-4EQ.2F.A7

Article number
102950

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1. Recitals

The Product Specifications contained in this document are final, unless otherwise stated by a separate provision in the "ZIEHL-ABEGG deviation list document" with respect to information provided by the customer (cp. separate Chapter: Attachment).

Other regulations between the parties, regardless of time, form or content, are not part of the subject matter of the contract and the agreement on characteristics/of features (Product Specifications) between the parties.

Compliance with the following specifications is mandatory to ensure the functionality and safety of the product. If the following specifications given especially but not limited for operating conditions, transport, storage, mounting, start-up, maintenance and repair are not observed, the product may not operate safely and may cause a hazard to the life and limb of users and third parties.

Deviations from the following requirements may therefore lead both to the loss of the statutory material defect liability rights and to the liability of the buyer for the product that has become unsafe due to the deviation from the specifications.

2. Product specification - Technical data

Article number	102950
Type	FC040-4EQ.2F.A7
Designation	Axial fan with diecast blades
Rated values	1~230V $\pm 10\%$ 50Hz P ₁ 290W 1.45A $\Delta I = 15\%$ 1350/min 5.0uF/400V 60°C
Electrical connection	Supply cable lateral-diagonal 7x 0,5 mm ² , 65 cm
ErP Data	Efficiency η_{statA} : 25.1 % Efficiency grade: N _{actual} = 36.5 / N _{target} = 36* *ErP 2013* Does not comply with the stipulations of the ErP regulations
Type of protection	IP54
Thermal class	THCL155
Cable length	65 cm
Min. operating temperature	-25°C
Cable quality	Li4G4G-J
Connection diagram	1360-104XB
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 7032 (pebble grey)
painting stator	Stator 1 coat paint resistance class 1 (L-TI-0596)
colour stator	RAL 7032 (pebble grey)
Material blades	Aluminium
Painting blades	Blades 1 coat paint resistance class 1 (L-TI-0596)
Colour blades	RAL 7032 (pebble grey)
Painting housing	Bell mouth 1 coat paint resistance class 1 (L-TI-0596)
Colour housing	RAL 7032 (pebble grey)
Painting mot.suspens	Motor suspension 1 coat paint resistance class 1 (L-TI-0596)
colour suspension	RAL 7032 (pebble grey)
Client`s loose parts	Connection box supplied loosely.
Weight	9.30 kg

3. Characteristic Curve

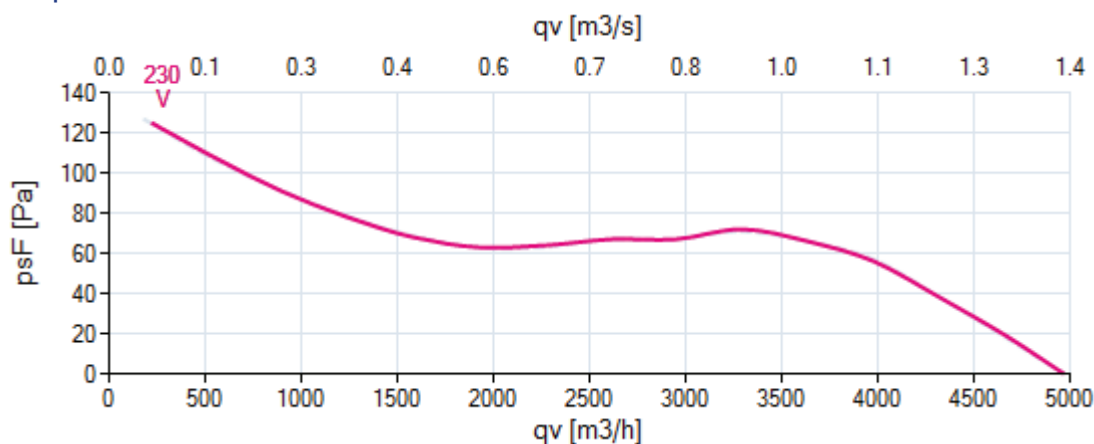
FC040-4EQ.2F.A7

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

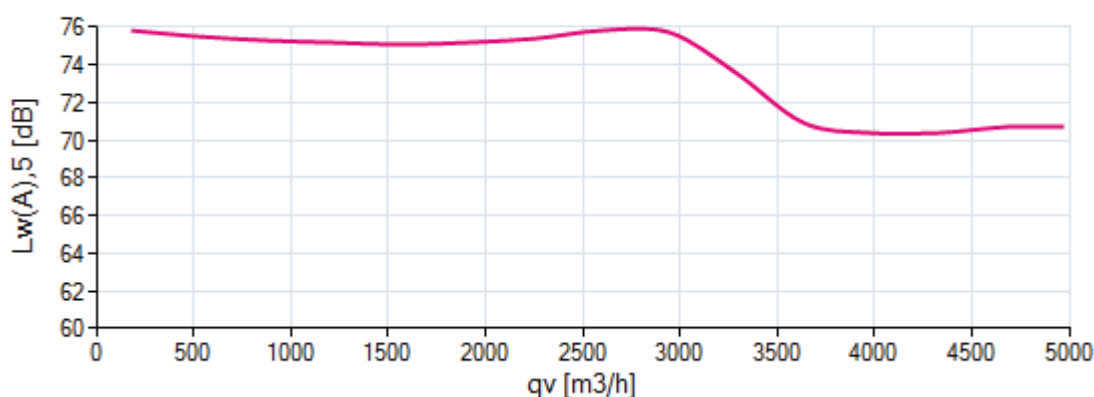
1~ 230V 50Hz

measurement density 1,16 kg/m³

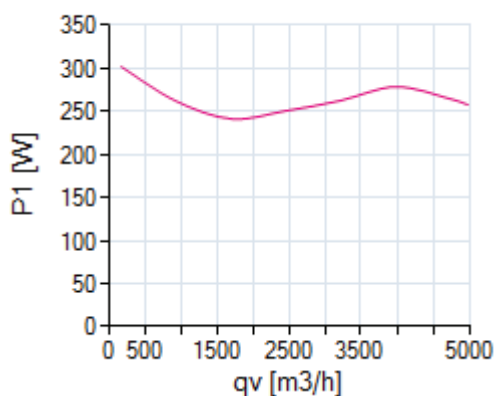
Air performance



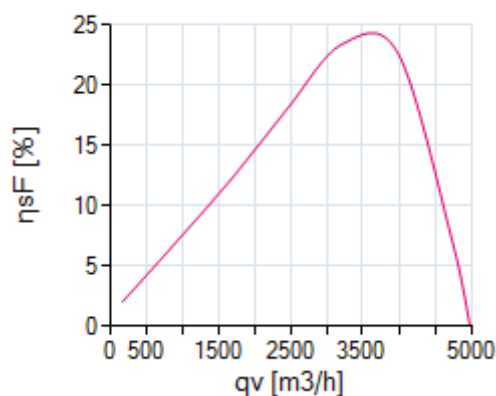
Acoustics



Power input



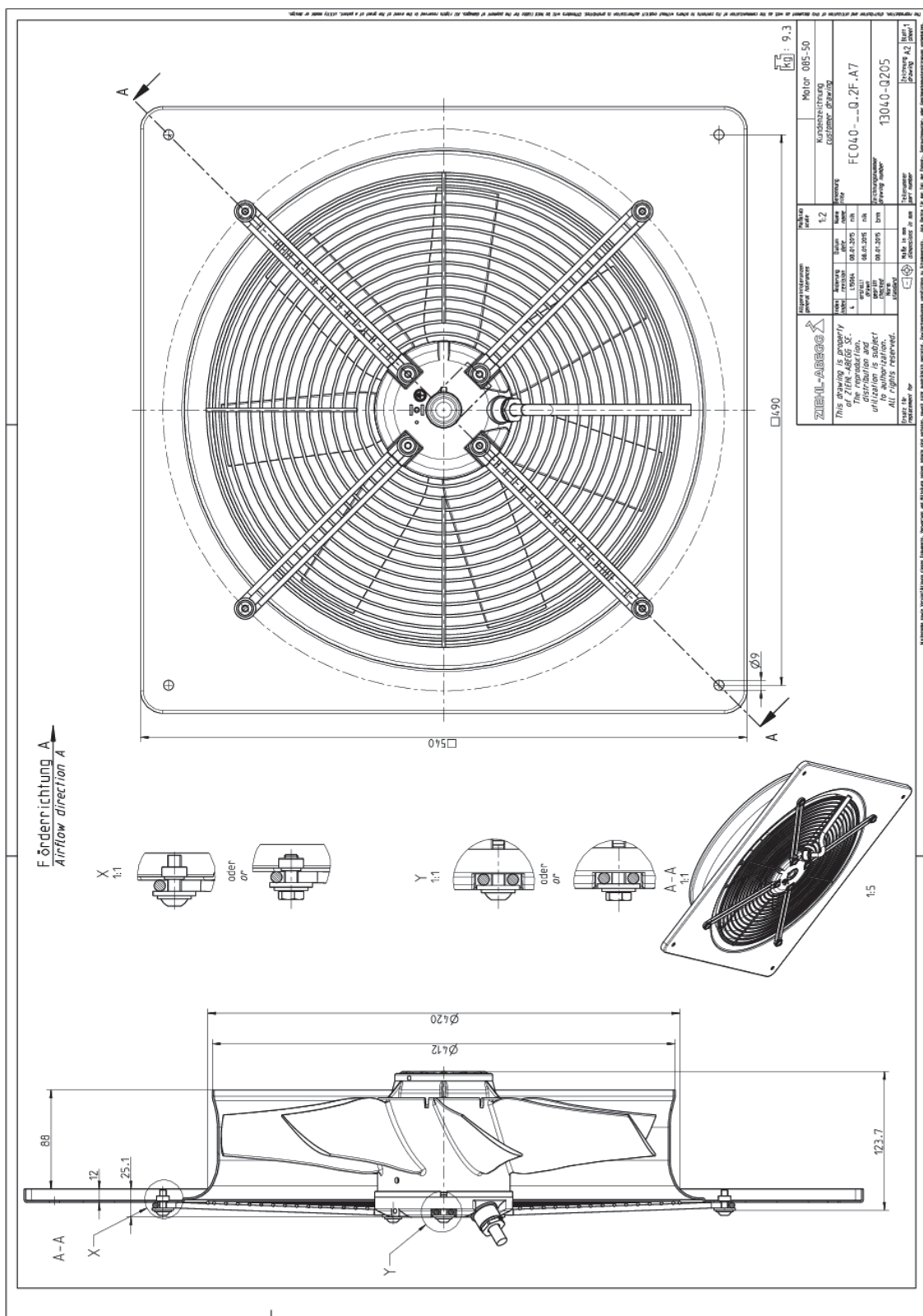
Efficiency



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

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

4. Drawing



Dimensions in mm

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



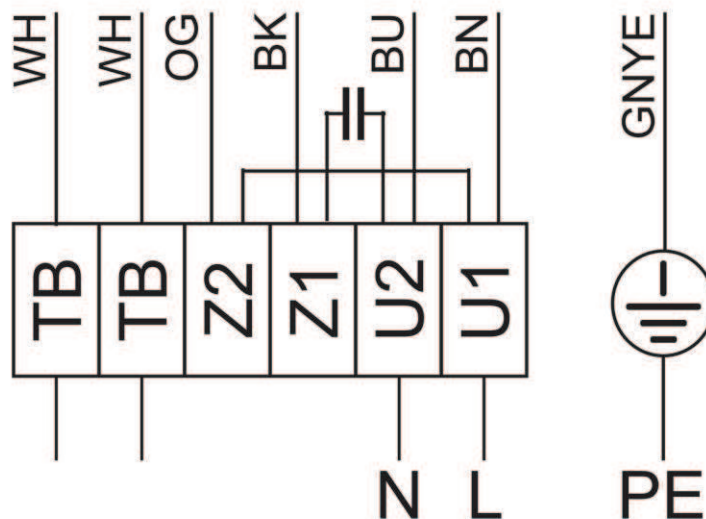
5. Connection diagram

1~ Motor mit Kondensator und
Thermostatschalter (falls eingebaut).

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

104XB-05

Linkslauf Counter clockwise rotation



WH	-	weiß, white
OG	-	orange, orange
BK	-	schwarz, black
BU	-	blau, blue
BN	-	braun, brown
GNYE	-	grün-gelb, green-yellow



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](#).