

Movement by Perfection



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



Product documentation

Type
FB050-4EK.4I.V4P

Article number
101634

ZIEHL-ABEGG Contact
Bruno Generoso
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ZIEHL-ABEGG Subsidiary
Colombia
ZIEHL-ABEGG fans and drives
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COLOMBIA

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Contents

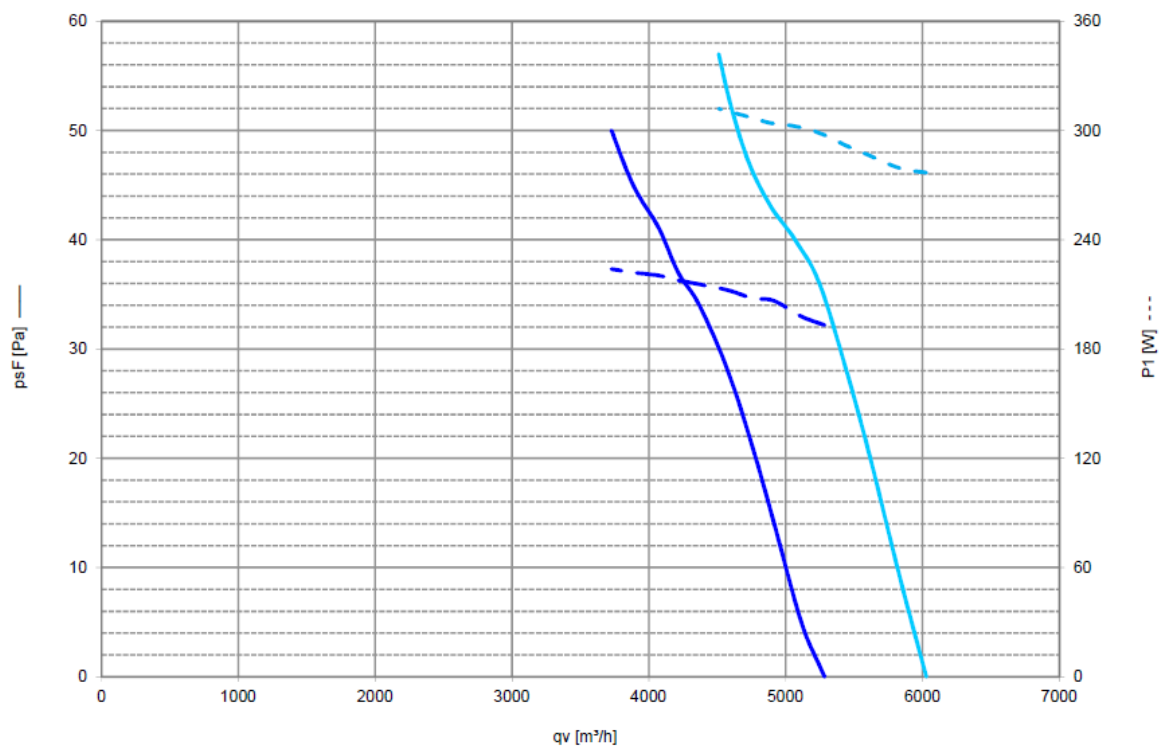
1.	Product specification	3
2.	Characteristic curve	4
3.	Drawing	4
4.	Connection diagram	5

1. Product specification

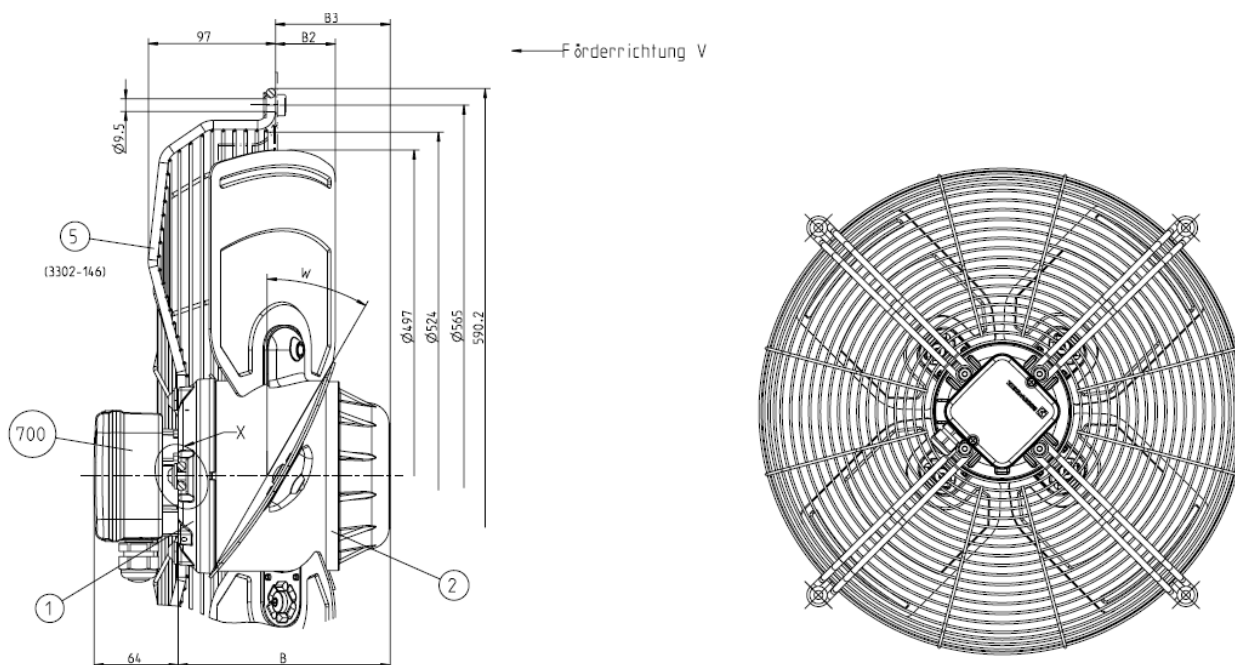
Technical data

Article number	101634
Type	FB050-4EK.4I.V4P
Designation	Axial fan with sheet blades
Rated values	1~230V±10% 50Hz P ₁ 0.64kW 2.80A ΔI=0% 1180/min 10.0uF/400V 70°C 1~230V±10% 60Hz P ₁ 0.72kW 3.20A ΔI=0% 1300/min 10,0uF/400V 60°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)
Guard grille type	ring grill
Painting mot.suspens	Motor suspension 1 coat paint
colour suspension	RAL 9005 (jet black)
Weight kg	11,95
ErP Data	Efficiency η_{statA} : 28.1 % Efficiency: $N_{\text{actual}} = 36.1 / N_{\text{target}} = 36^*$ *ErP 2013Does not comply with the stipulations of the ErP regulations

2. Characteristic curve



3. Drawing



Dimensions in mm

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

4. 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

