

EN



Movement by Perfection



The Royal League in ventilation, control and drive technology



Product documentation

Type
FN050-4EW.4I.A7P1

Article number
156548

2. Product Specification - Technical Data

Article number	156548
Type	FN050-4EW.4I.A7P1
Rated values	1~230V 50Hz P(1) 760W 3.3A $\Delta I=5\%$ 1230/min 16.0uF/400V 70°C 1~230V 60Hz P(1) 1.05kW 4.6A $\Delta I=0\%$ 1250/min 16.0uF/400V 50°C
Electrical connection	Terminal box K62
ErP Data	Measurement category ErP: A Air flow q(v) on Eta opt: 5546 m3/h Pressure increase p(fs) on Eta opt: 129 Pa Input power P(1) on Eta opt: 690 W Efficiency H(statA): 28.9 % Efficiency grade: N(actual) = 36.3 / N(target) = 36* *ErP 2013 does not fulfill current requirements of the ErP directive
Type Of Protection	IP54
Heat Class	THCL155
Mounting Type Terminal Box	Mounted on Stator
Connection Diagram	1360-104XB
Rating Plate	1x fixed
Fitting Position	H/Vu/Vo
Motor Protection	thermal contact
Impregnation	Moisture and hot climate protection
Condensation Drain Holes	Condensation drain holes stator/rotor open
Bearing Quality	ball bearing with long-time lubrication
Material Rotor	Aluminium
Painting Rotor	Rotor unpainted
Painting Stator	Stator unpainted
Material Blades	Aluminium
Painting Impeller	Blades unpainted
Contact Protection Type	ring grill
Other	Balancing quality G 4,0
Operating Manual	L-BAL-001
Engine Suspension Paint	Motor suspension powder-coated resistance class 2 (L-TI-0585)
Weight	13.80 kg
Colour Suspension	RAL 9005 (jet black)
Disclaimer Ct20/DoE	Selected product is a component as defined under U.S. DOE and CT20 fan and blower regulations, as our Customer we recommend you verify local compliance prior to use.

6. Characteristic Curve

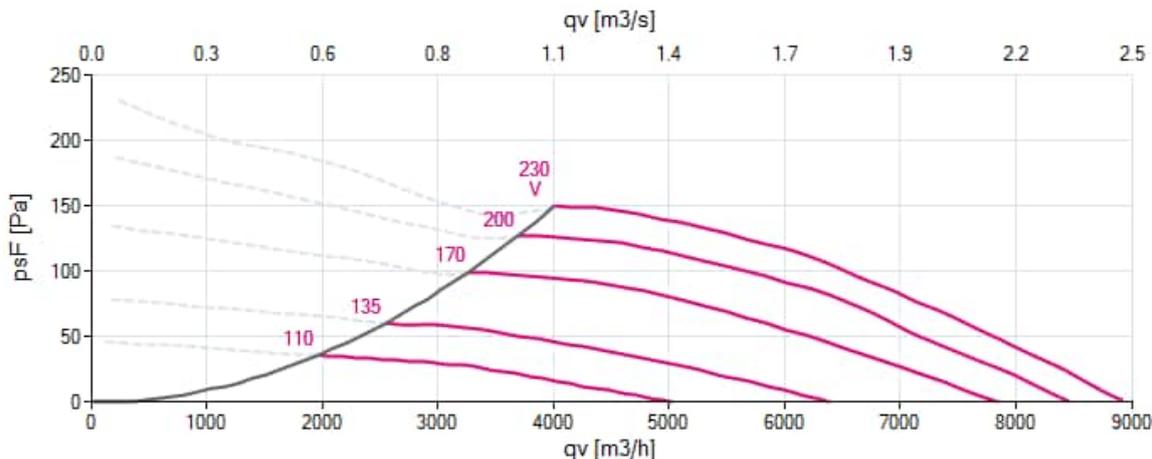
FN050-4EW.4I.A7P1

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

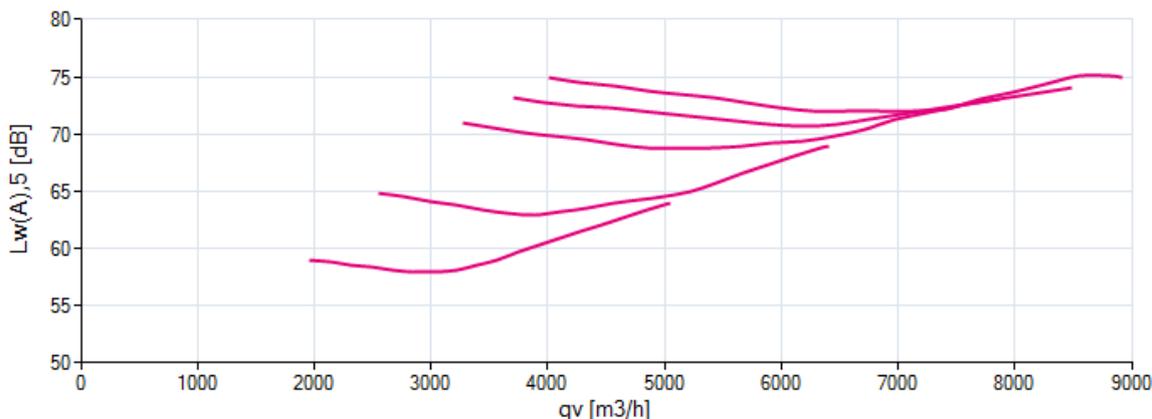
1~ 230V 50Hz

measurement density 1.16 kg/m³

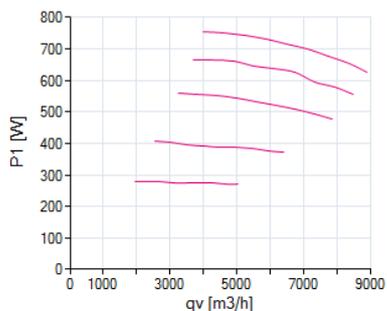
Air performance



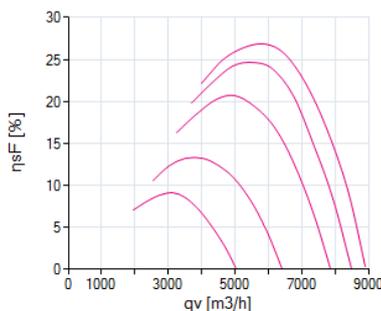
Acoustics



Power input



Efficiency



83857

Please note: It's not allowed to use this fan in the stall area!**In doubt please ask your responsible ZIEHL-ABEGG sales contact.

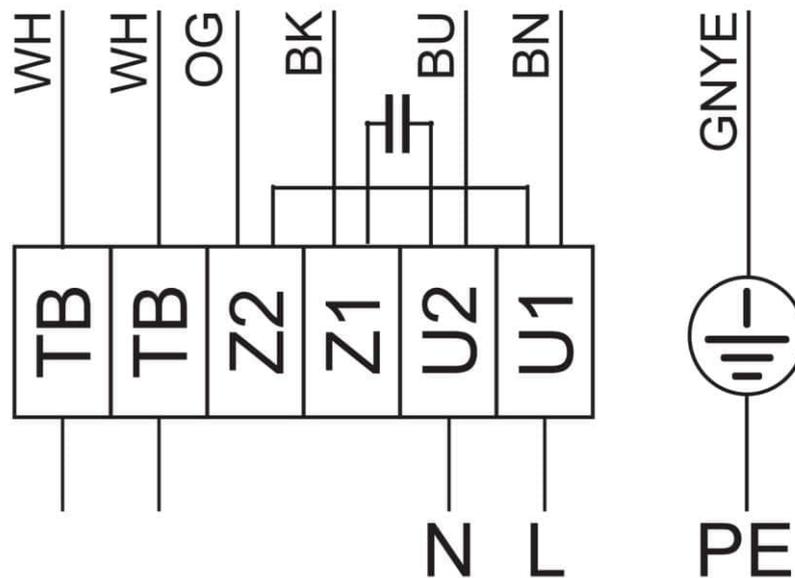
8. Connection Diagram

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