

1. Product specification

Technical data

Article number	162323/001
Type	FN031-4EK.WD.V7
Designation	Axial fan with sickle blades
Rated values	1~230V 50Hz P ₁ 120W 0.54A ΔI=0% 1330/min 5.0uF/400V 70°C 1~230V 60Hz P ₁ 170W 0,74A ΔI=0% 1450/min 5,0uF/400V 40°C
Electrical connection	Terminal box K09
Min. operating temperature °C	-40***
Thermal class	THCL155
Connection diagram	1360-177X
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 5002 (ultramarine blue)
Material blades	High Performance Composite Material
Painting impeller	unpainted
Colour blades	black
Guard grille type	ring grill
Control	--
Painting mot.suspens	Motor suspension powder-coated consistency class 2
colour suspension	RAL 9005 (jet black)
Weight kg	4,80
ErP Data	Not subject to the regulations of ErP directive (P ₁ < 125 W)

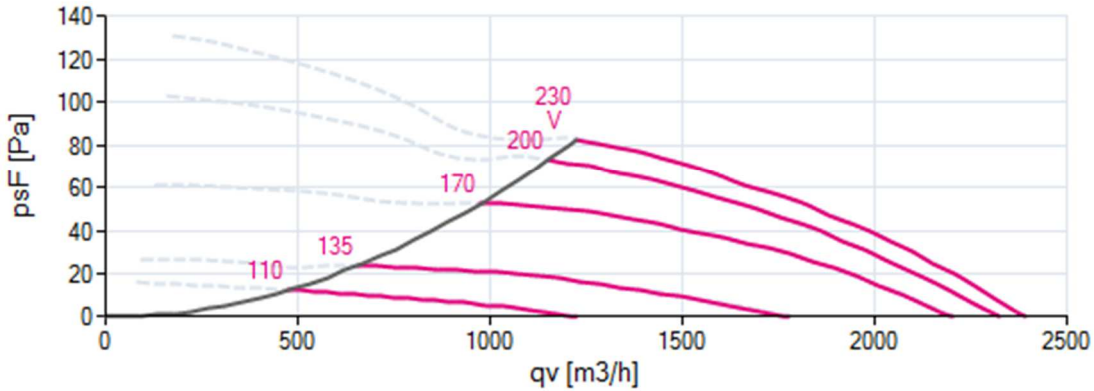
*** Occasional operation ≤ -20°C and in consideration of lowest temperature according to product documentation permissible. For cooling applications with continuous operation ≤ -20°C cold design on request.

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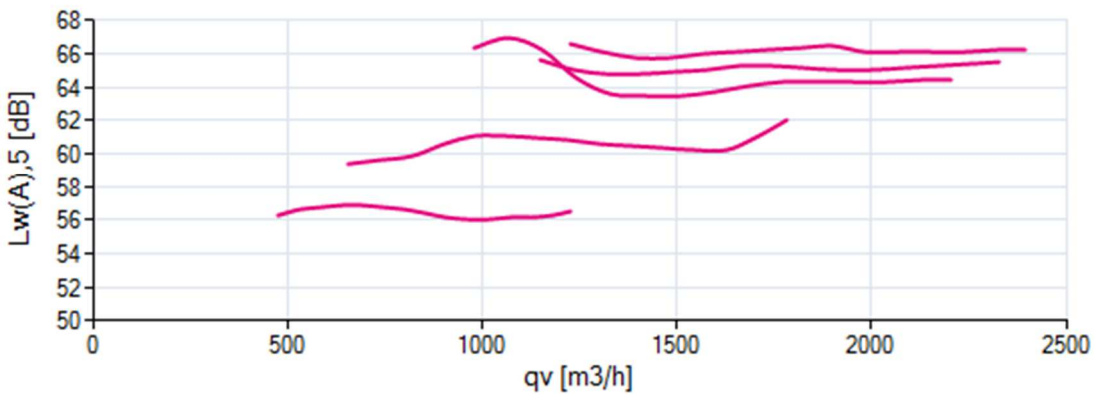
2. Characteristic Curve

FN031-4EK.WD.V7 měřeno v plném hrdle bez mřížky, instalace typ A podle ISO 5801
1~ 230V 50Hz Messdichte 1,16

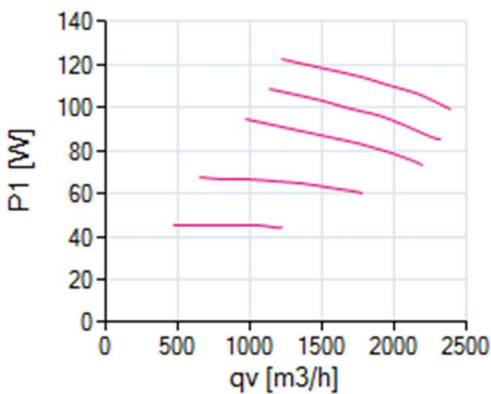
Air performance



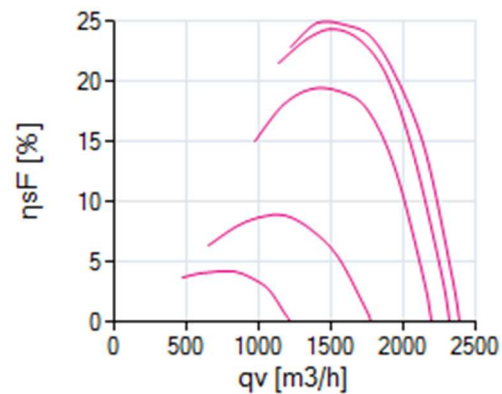
Acoustics



Power input



Efficiency



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

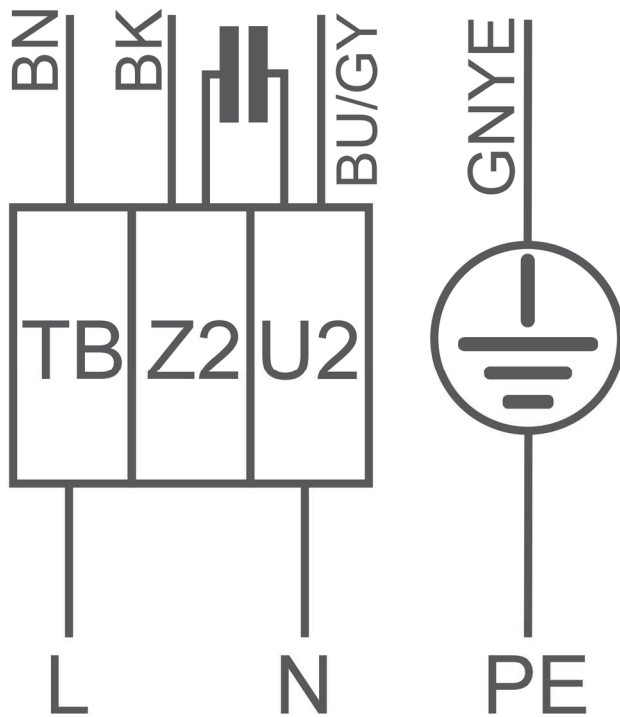
*In doubt please ask your responsible ZIEHL-ABEGG sales contact.

4. Connection diagram

1360-177X

1~ Motor with capacitor and thermostatic switch.

- BU/GY blue or grey
- BK black
- BN brown
- GNYE green-yellow



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The Royal League Die Königsklasse



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

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