

Movement by Perfection



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



[Product documentation](#)

Type
[ZN045-4DL.2F.V7P2](#)

Article number
[173006](#)

Product documentation

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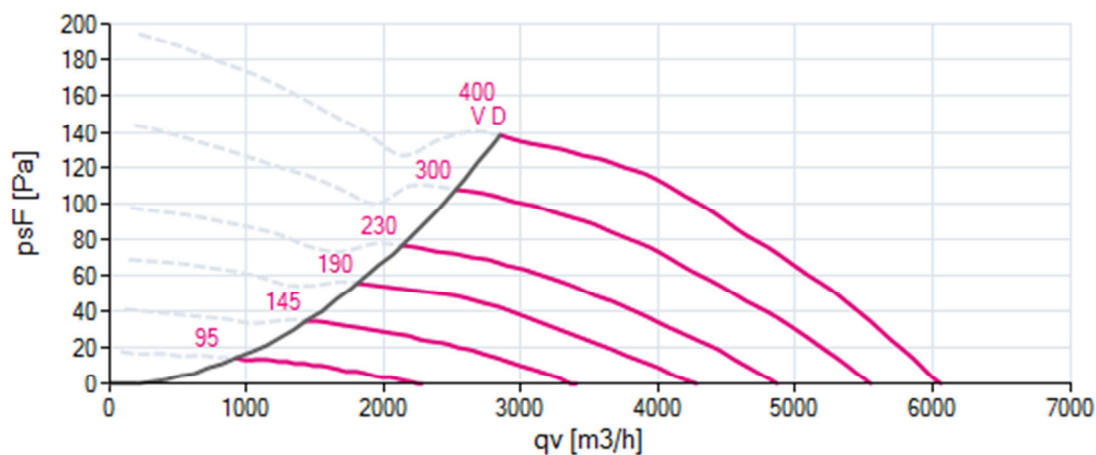
1. Product specification

Technical data

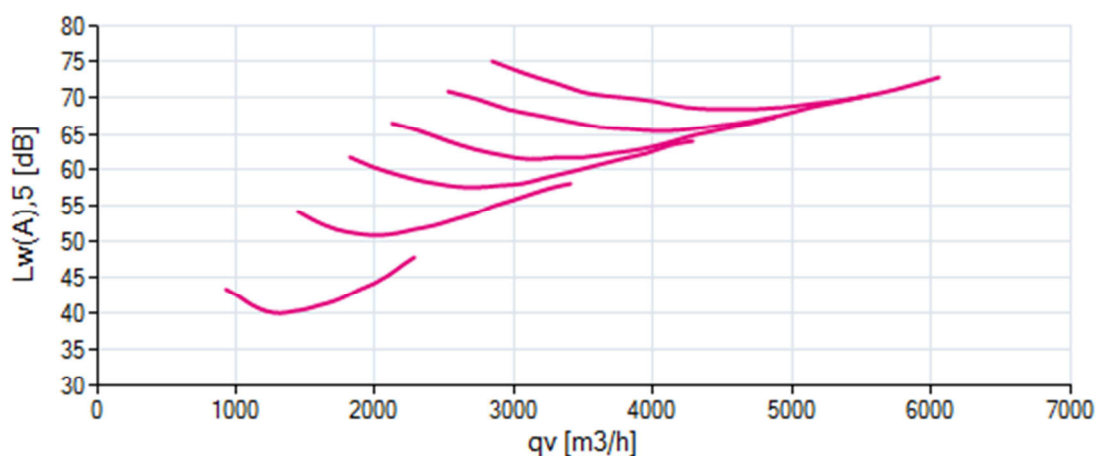
Article number	173006
Type	ZN045-4DL.2F.V7P2
Designation	ZAplus axial fan with sickle blades
Rated values	3~230/400V±10% D/Y 50Hz P ₁ 0.35kW 1.10/ 0.64A ΔI=0% 1260/min COSY 0,79 70°C 3~230/400V±10% D/Y 60Hz P ₁ 0.48kW 1.35/ 0.78A ΔI=0% 1330/min COSY 0,90 60°C 3~265/460V±10% D/Y 60Hz P ₁ 0.54kW 1.35/ 0.78A ΔI=0% 1430/min COSY 0,87 60°C
Electrical connection	Terminal box K05
Min. operating temperature °C	-25
Mounting type terminal box	Mounted on Stator
Type of protection	IP54
Thermal class	THCL155
Connection diagram	1360-106XA
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	High Performance Composite Material
Painting impeller	unpainted
Colour blades	black
Field of application	Conceived for application in greenhouse.
Guard grille type	ring grille
Other	All connecting elements in stainless steel.
Painting pipe	Bell mouth unpainted
Colour pipe	white
Weight kg	10,30
ErP Data	Efficiency η_{statA} : 38.5 % Efficiency: $N_{actual} = 47.9 / N_{target} = 40^*$ *ErP 2015

2. Characteristic Curve

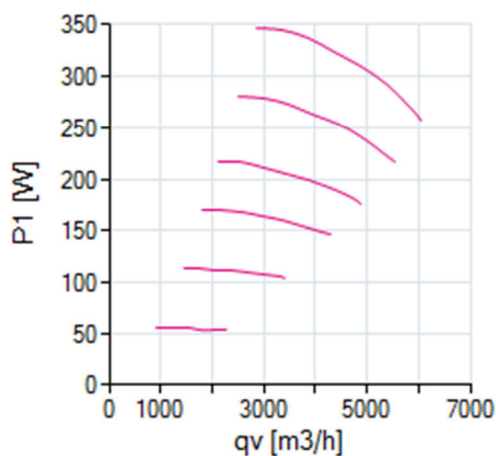
Air performance



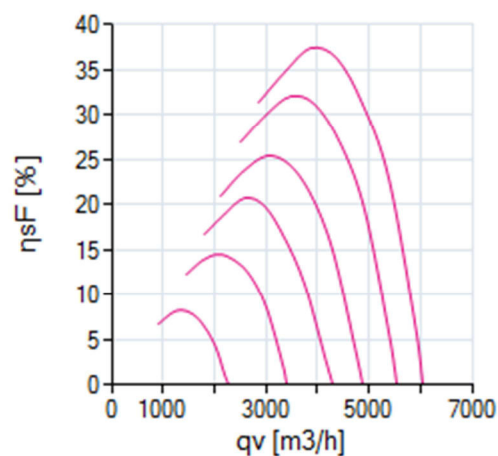
Acoustics



Power input



Efficiency



measured in full bell mouth without guard grille in installation type A according to ISO 5801

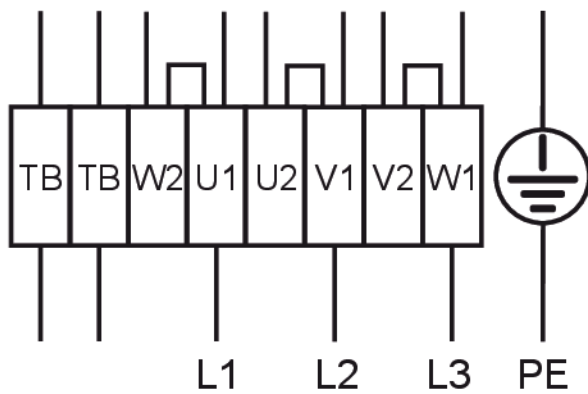
4. Connection diagram

1360-106XA

3~ motor with one speed and thermostatic switch (if built in).

U1	brown
V1	blue
W1	black
U2	red
V2	grey
W2	orange
TB	white

Δ-connection



Y-connection

