



Movement by Perfection



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



[Документация по вентилятору](#)

Типоразмер
FN080-SDQ.6N.V7P5

Артикульный номер
168786

Документация по продукту

Филиал компании ZIEHL-ABEGG
Russia
ООО ZIEHL-ABEGG
www.ziehl-abegg.ru

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Contents

1.	Rubriküberschrift1 (CB_AF_Headline1)	Ошибка! Закладка не определена.
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1. Спецификация продукта

Технические данные

Типоразмер	FN080-SDQ.6N.V7P5
Описание	Axial fan with sickle blades
Номинальные значения	3~400V±10% D/Y 50Hz P ₁ 1,90/1,10kW 3,90/ 2,00A ΔI=0% 870/ 630/min COSY 0,70 60°C
Электрическое подключение	Terminal box K62
Мин. допустимая температура перемещаемой среды °C	-40***
Тип установки клеммной коробки	Mounted on Stator
Степень защиты	IP 54
Класс нагревостойкости изоляции	THCL 155
Connection diagram	1360-108XA
Табличка с тех. данными	1x fixed
Fitting position	H/Vu/Vo
Защита электродвигателя	Контакт теплового реле
Пропитка	Moisture and hot climate protection
Качество подшипников	ball bearing with long-time lubrication
Материал ротора	Алюминий
Покрытие ротора	unpainted
Материал лопастей	Алюминий
Покрытие импеллера	unpainted
Тип защитной решетки	ring grill
Control	--
Other	All connecting elements in stainless steel.
Painting housing	Bell mouth powder-coated consistency class 2
Colour housing	RAL 9005 (jet black)
Покрытие подвески двигателя	Motor suspension powder-coated consistency class 2
Цвет подвески	RAL 9005 (jet black)
Вес кг	42,60
директивы ErP	Efficiency η_{statA} : 36,3 % Efficiency grade: $N_{actual} = 41,0 / N_{target} = 40^*$ *ErP 2015

*** Occasional operation $\leq -20^{\circ}\text{C}$ and in consideration of lowest temperature according to product documentation permissible. For cooling applications with continuous operation $\leq -20^{\circ}\text{C}$ cold design on request.

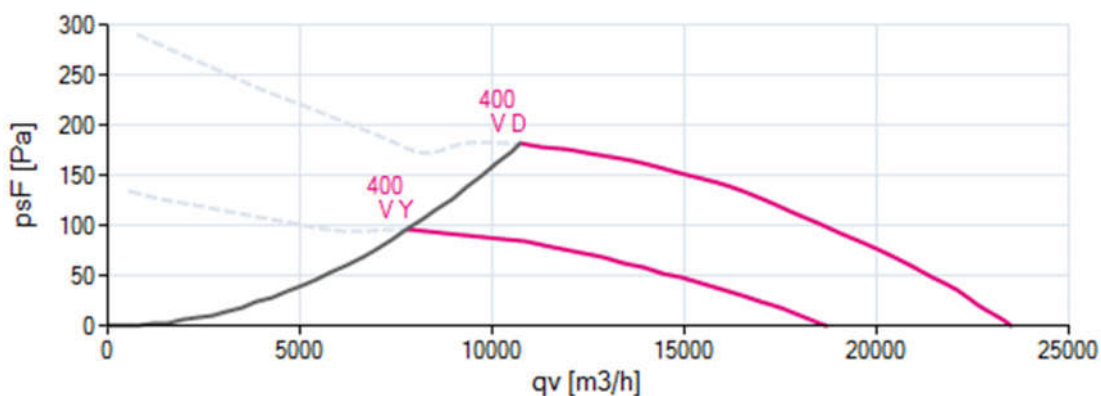
2. Кривая характеристики

Kennliniexx123

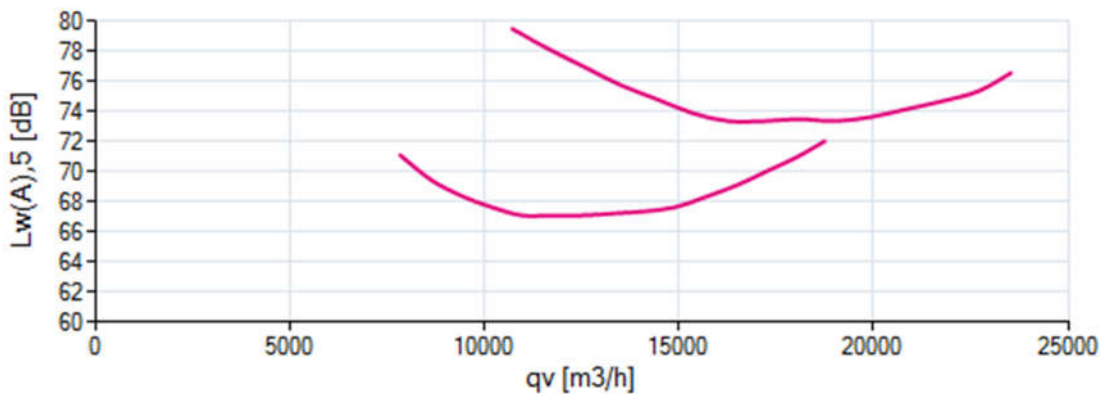
3. Кривая характеристики

FN080- Измерено согласно ISO 5801 для длинного сопла исполнения A без решетки
SDQ.6N.V7P5 для защиты от прикосновения
3~ 400V 50Hz D Messdichte 1,16

Air performance



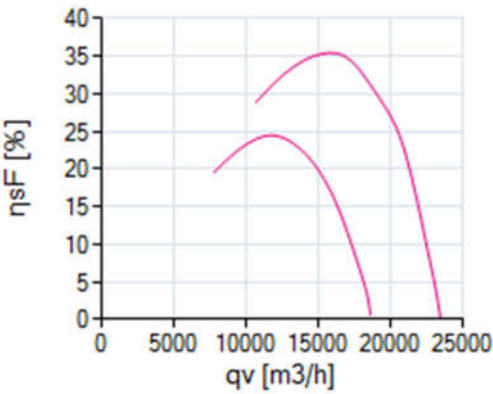
Acoustics



Efficiency

The Royal League

Die Königsklasse



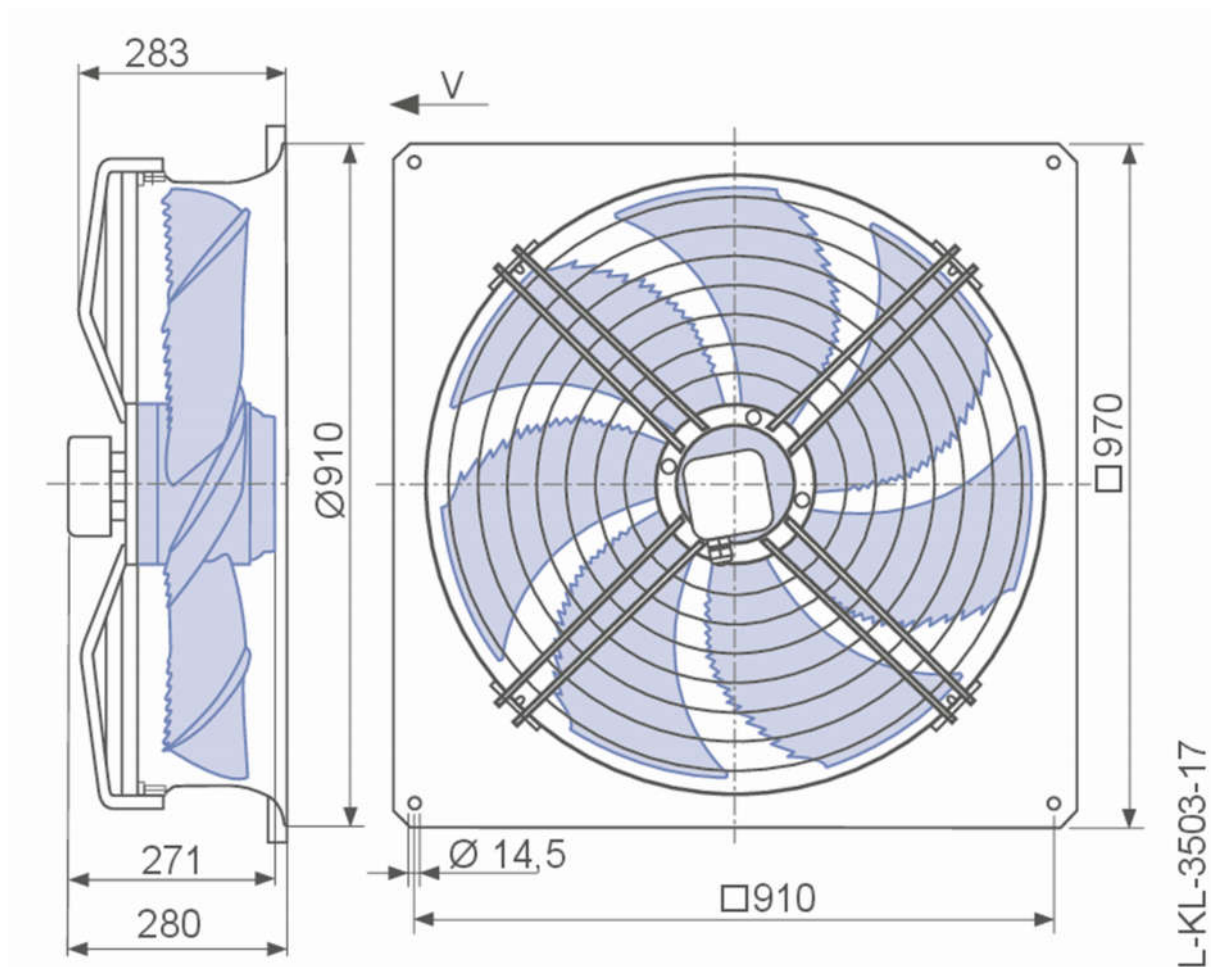
Please note: It's not allowed to use this fan in the stall area!*

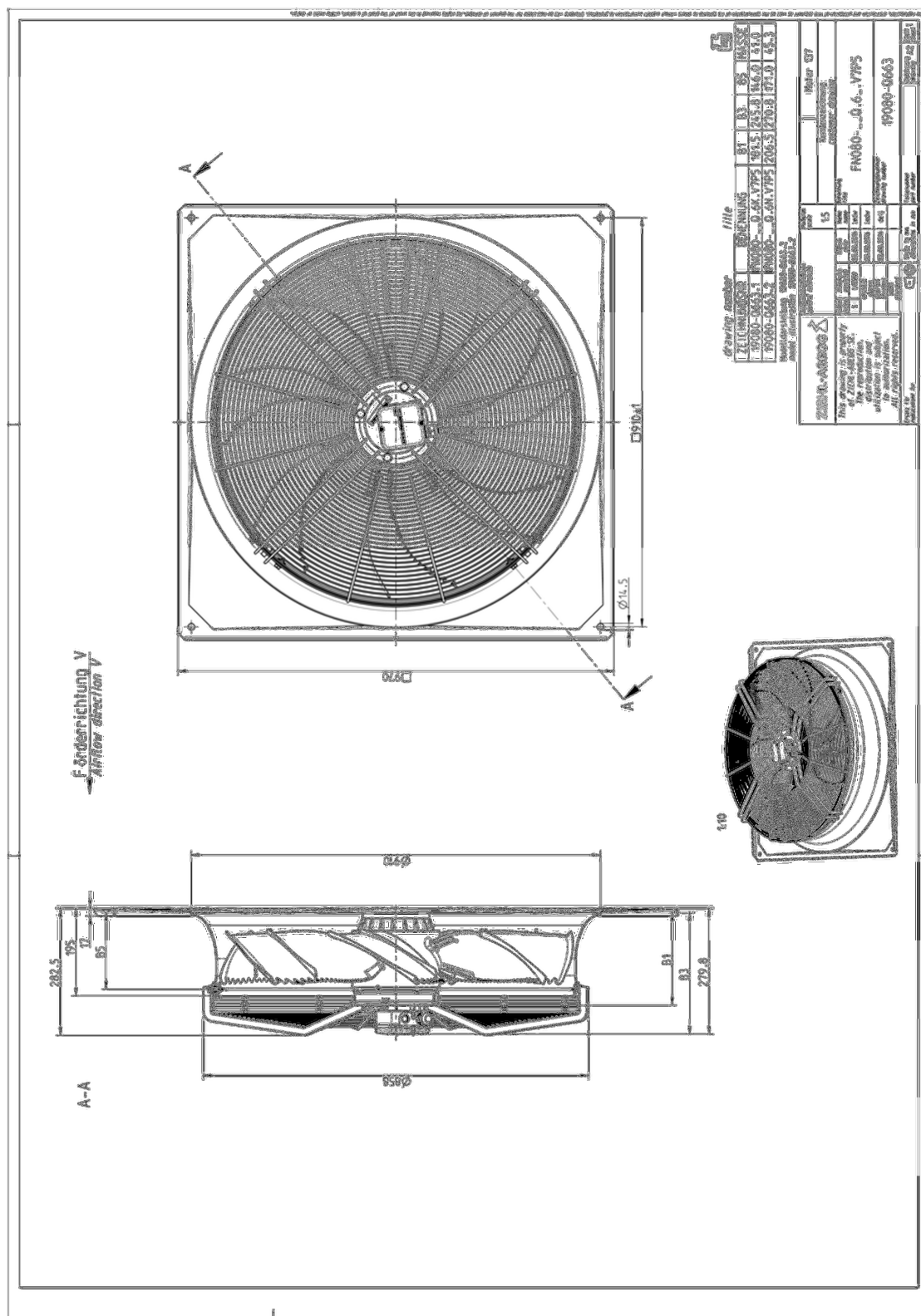
*In doubt please ask your responsible ZIEHL-ABEGG sales contact.

Data of operating point

frequency (f _{BP})	50	Hz
mains supply	3~ 400V 50Hz D	
guard grille	no	

4. Чертёж





Габариты в мм

Назначение данного чертежа: продемонстрировать габариты вентилятора.

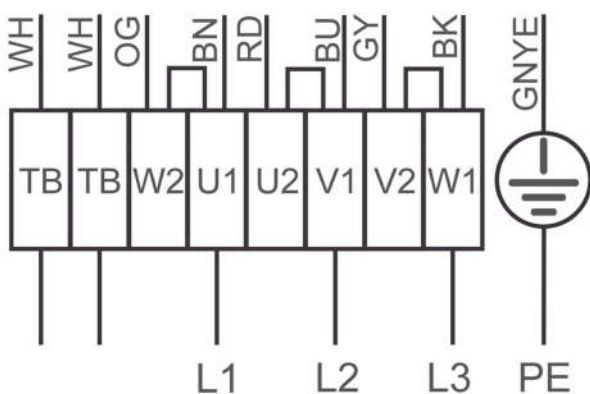
5. Схема электрических соединений

1360-108XA

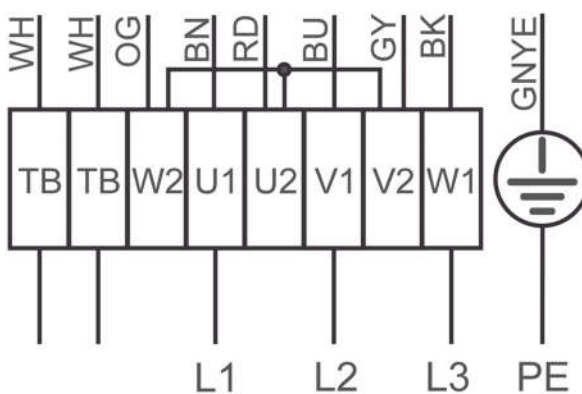
3~ motor, 2 speeds (Δ/Y switch over) with thermostatic switch (if built in). Without bridge when using speed change-over switch.

BN brown
BU blue
BK black
RD red
GY grey
OG orange
WH white
GNYE green-yellow

High speed/D-connection



Low speed/Y-connection



6. ЕС-сертификат соответствия

EU declaration of conformity

- Translation -
(english)

ZA75-GB 1910 Index 015

Manufacturer:
ZIEHL-ABEGG SE
Heinz-Ziehl-Straße
74653 Künzelsau
Germany

The manufacturer is solely responsible for issuance of the declaration of conformity.

The products:

- External rotor motor MK.., MW..
- Axial fan DN.., FA.., FB.., FC.., FE.., FF.., FG.., FH.., FL.., FN.., FS.., FT.., FV.., VN.., VR.., ZC.., ZF.., ZG.., ZN..
- Centrifugal fan ER.., GR.., RA.., RD.., RE.., RF.., RG.., RH.., RK.., RM.., RR.., RZ.., WR..
- Cross-flow fan QG.., QK.., QR.., QT..

The motor type:

- Asynchronous internal or external rotor motor
- Asynchronous internal or external rotor motor with integrated frequency inverter
- Electronically commutated internal or external rotor motor
- Electronically commutated internal or external rotor motor with integrated EC controller

These products comply with the following EU directives:

- EMC Directive 2014/30/EU
- Low Voltage Directive 2014/35/EU
- ErP Directive 2009/125/EC, in conjunction with Regulation (EU) no. 327/2011

The following harmonised standards have been used:

EN 60034-1:2010 + Cor.:2010	EN 61000-6-3:2007 + A1:2011 + AC:2012
EN 60204-1:2006 + A1:2009 + AC:2010	EN 61000-6-2:2005 + AC:2005
EN 60529:1991 + A1:2000 + A2:2013	

Compliance with the ErP Directive 2009/125/EC does not refer to external rotor motors MK.., MW..

All ErP-relevant information comprises measurements which are determined using a standardised measurement set-up. More details can be obtained from the manufacturer.

Compliance with the EMC Directive 2014/30/EU refers only to those products when they are connected by mounting / operating instructions. If these products are integrated into a system or supplemented with other components (e.g. sensing controls) and operated, the manufacturer or operator is responsible of the overall system for compliance with the EMC Directive 2014/30/EU.

Künzelsau, 05.03.2019
(location, date of issue)

ZIEHL-ABEGG SE
Dr. W. Angelis
Technical Director Air Movement Division
(name, function)



(Signature)

ZIEHL-ABEGG SE
Dr. D. Kappel
Deputy Head of Electrical Systems
(name, function)



(Signature)

ZIEHL-ABEGG 



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](#).