

Movement by Perfection



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



[Документация по вентилятору](#)

Типоразмер
[FC091-SDS.7Q.V7](#)

Артикульный номер
[107146](#)

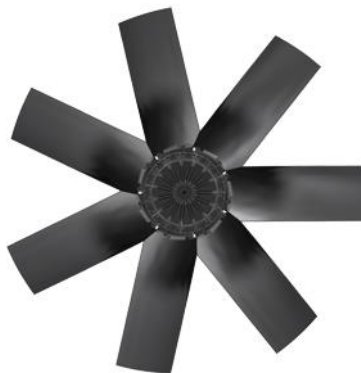
Документация по продукту

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1. Спецификация продукта

Технические данные

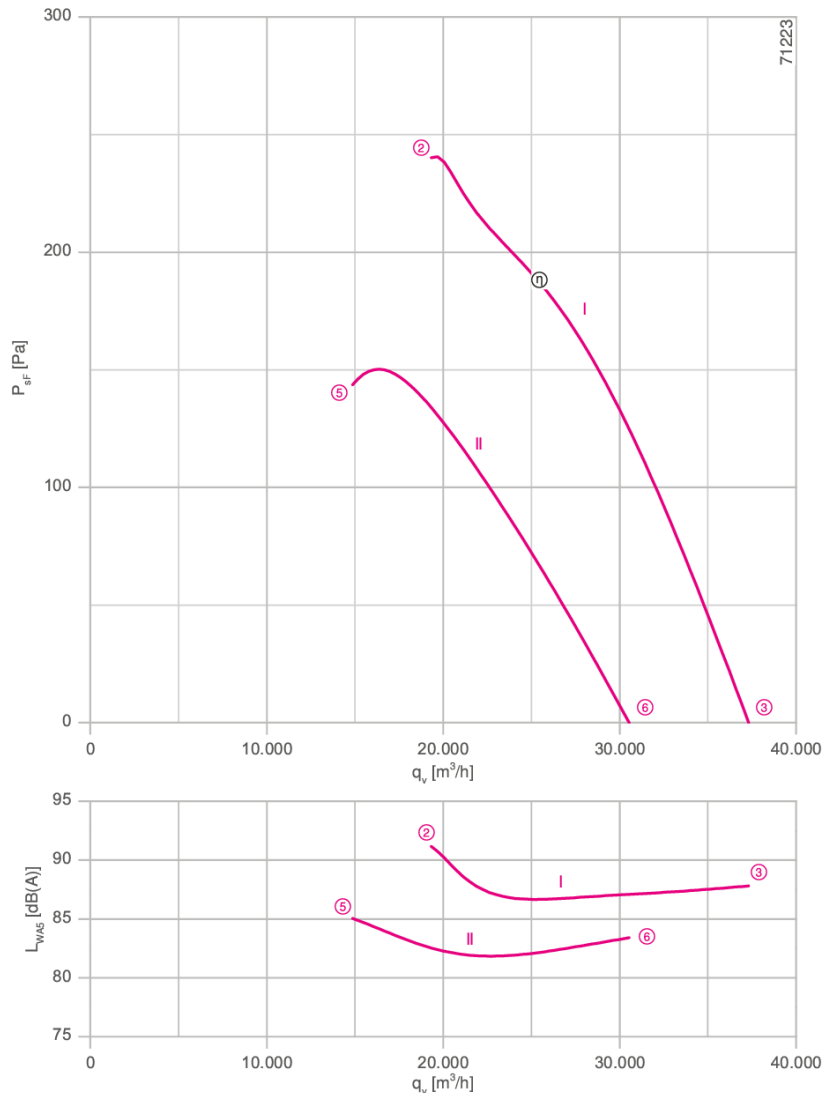
Артикульный номер	107146
Типоразмер	FC091-SDS.7Q.V7
Описание	Axial fan with diecast blades
Номинальные значения	3~400V±10% D/Y 50Hz P ₁ 3,60/2,50kW 7.20/ 4.30A ΔI=5% 890/ 700/min COSY 0,72 60°C
Электрическое подключение	Terminal box K07
Мин. допустимая температура перемещаемой среды °C	-40
Тип установки 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 colour rotor	Rotor 1 coat painted RAL 9005 (jet black)
Материал лопастей	Алюминий
Покрытие импеллера Colour blades	1 coat painted RAL 9005 (jet black)
Тип защитной решетки	ring grill
Покрытие подвески двигателя	Motor suspension 1 coat paint
Цвет подвески	RAL 9005 (jet black)
Вес кг	52,90
директивы ErP	Efficiency η_{statA} : 38,3 % Efficiency: $N_{actual} = 41,2 / N_{target} = 40^*$ *ErP 2015

2. Кривая характеристики

Characteristic curve

Frequency: 50 Hz

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



I = 3~400 V D, II = 3~230 V D

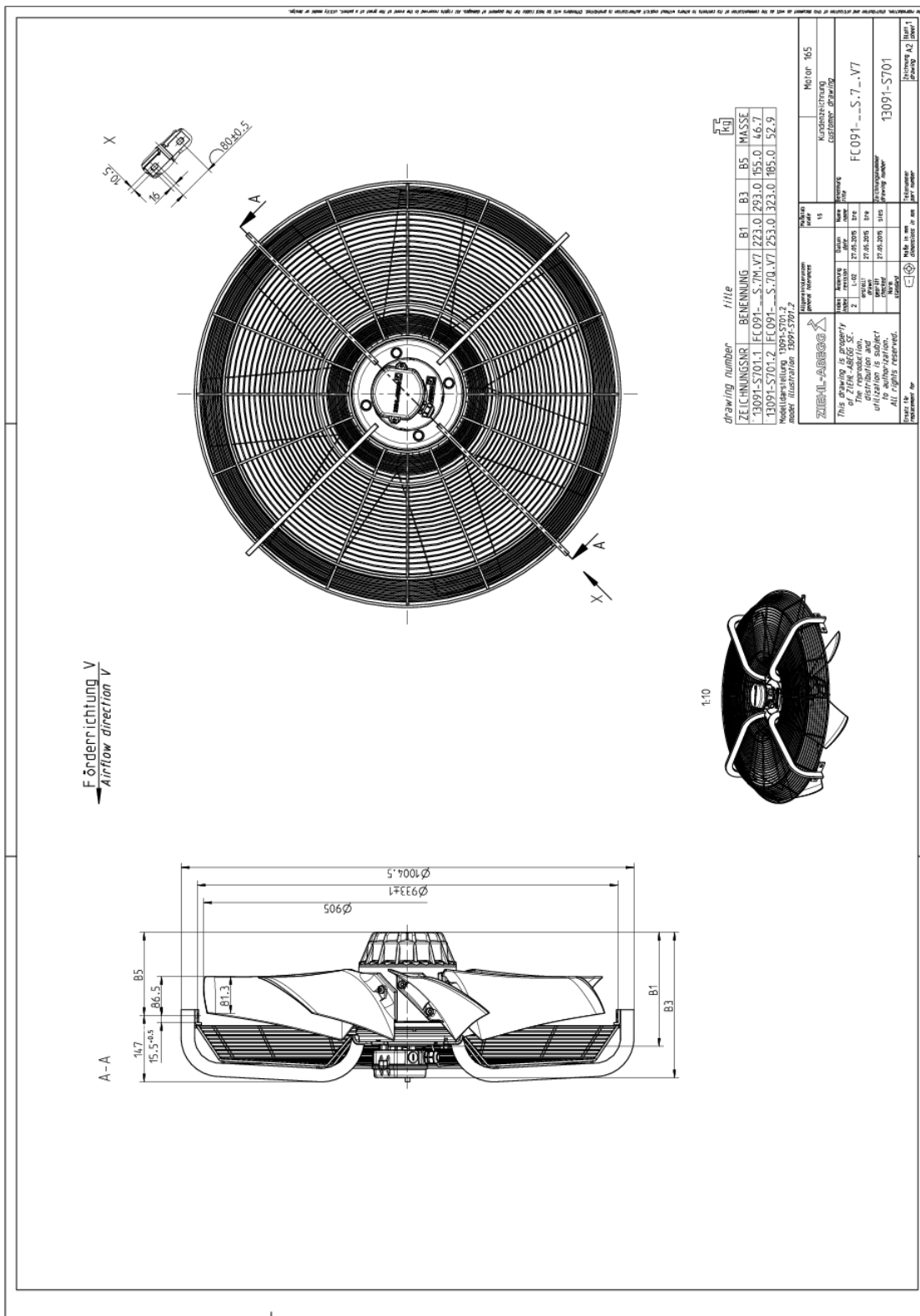
Рабочая точка		①	②	③	④	⑤	⑥
Рабочие характеристики		I	I	I	II	II	II
Схема соединения		Δ	Δ	Δ	Δ	Δ	Δ
Напряжение	V	400	400	400	230	230	230
Потребляемая мощность	Вт	4400	3600	3100	2600	2400	2200

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Die Königsklasse

Ток	A	8,00	7,00	6,20	8,00	7,20	6,40
Частота вращения	мин ⁻¹	850	880	910	650	700	740
Уровень звуковой мощности на стороне всасывани я	дБ	96	91	88	88	85	83

3. Чертёж



Габариты в мм

Назначение данного чертежа: продемонстрировать габариты вентилятора.

www.ziehl-abegg.com
14.06.2017 10:22:45

Movement by Perfection | Bewegung durch Perfektion

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TPL_PG_Datenblatt-V6-10

Release Date: 08.02.2013

Technical changes reserved

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Die Königsklasse

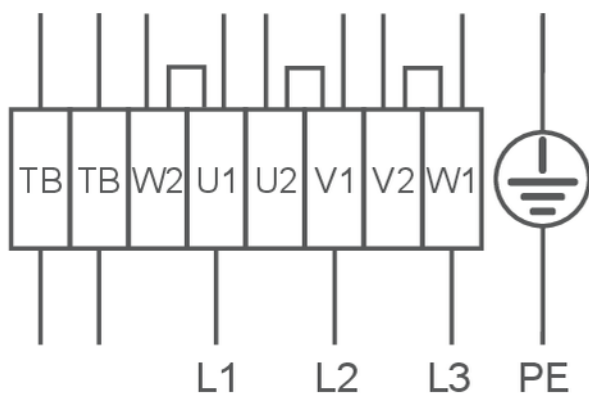
4. Схема электрических соединений

1360-108XA

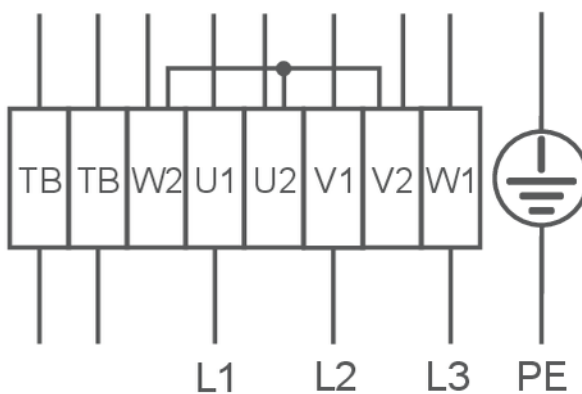
3~ motor, 2 speeds (Δ/Y switch over) with thermostatic switch (if built in). Without bridge when using speed change-over switch.

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

High speed/D-connection



Low speed/Y-connection



5. ЕС-сертификат соответствия

EC-Declaration of conformity

- Translation -
(english)

ZA75-GB 1616 Index 011
00285644-GB

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

The engine type:

- Asynchronous internal or external rotor motor
- Asynchronous internal or external rotor motor with integrated frequency inverter, except EDP system
- Electronically commutated (EC) internal or external rotor motor
- Electronically commutated internal or external rotor motor with integrated EC Controller, except EDP system

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 harmonized standards are in use:

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

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 (eg. sensing controls) and operated , the manufacturer or operator is responsible of the overall system for compliance with the EMC Directive 2014/30 / EU .

Künzelsau, 20.04.2016
(Location, date of issue)

ZIEHL-ABEGG SE
Dr. W. Angelis
Technical Director Air Movement Division
(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](#).