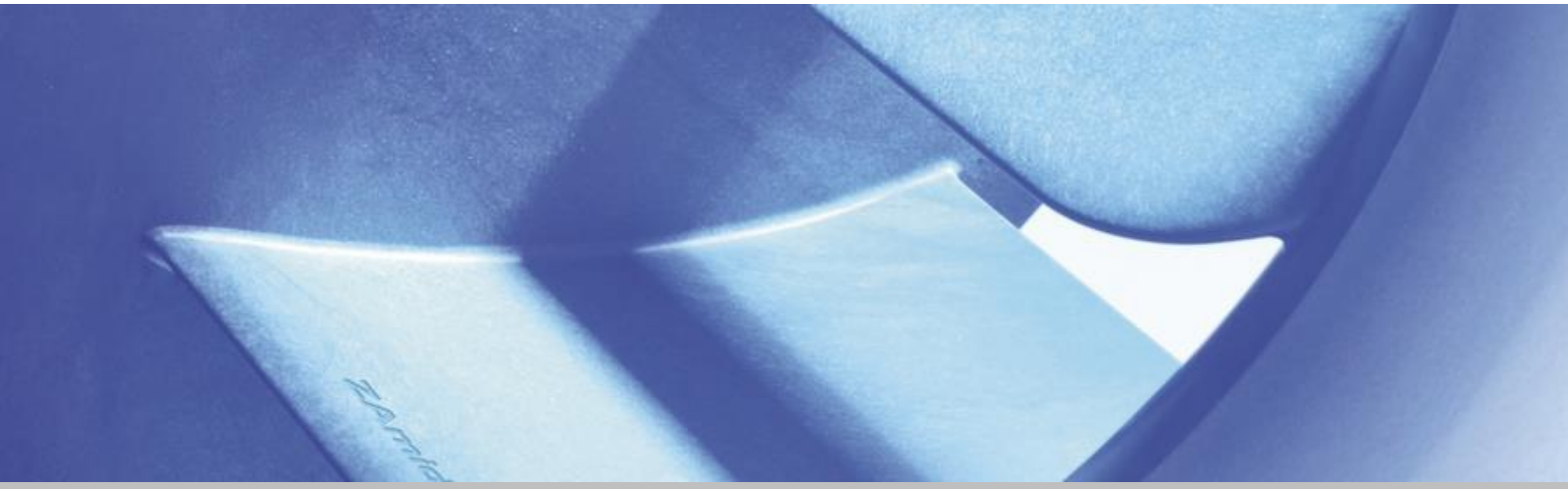
PT

Movement by Perfection



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



Product documentation

Type
RE22P-2DK.3F.5R

Article number
131345

ZIEHL-ABEGG

1. Product specification

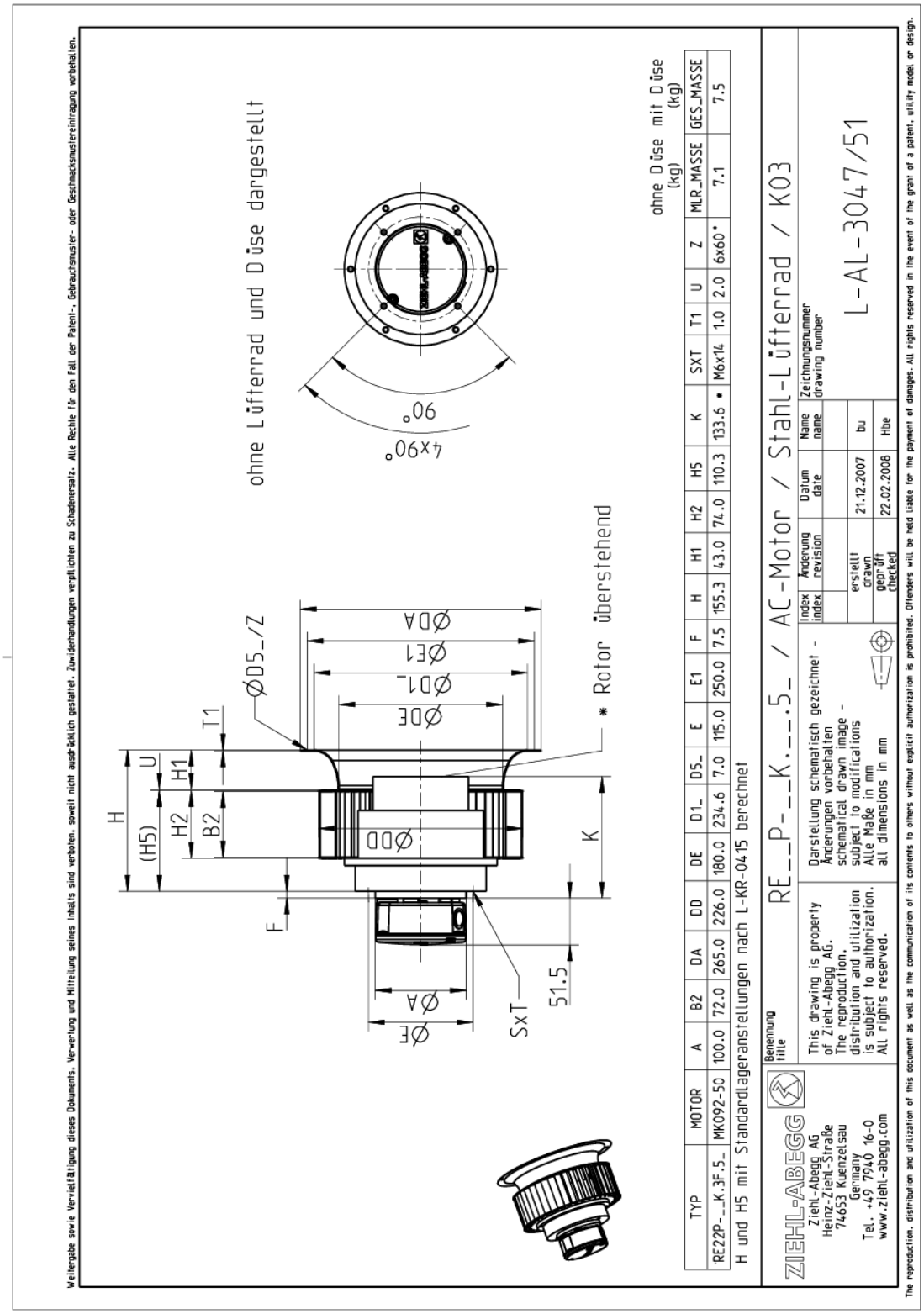
Technical data

Article number	131345
Type	RE22P-2DK.3F.5R
Designation	Single inlet impeller with forward curved blades.
Rated values	3~400V ±10% Y 50Hz P_1 0,49kW 0,80A ΔI=0% 2320/min COSY 0,90 3~400V ±10% Y 60Hz P_1 0,61kW 1,10A ΔI=0% 2230/min COSY 0,90 PsF min.470PA3~480V±5% Y 60Hz P_1 0,76kW 1,10A ΔI=0% 2550/min COSY 0,90 PsF min.620PA
Electrical connection	Terminal box K03
Min. operating temperature [°C]	-20
Terminal box,mount.	fixed on Motor
Painting stator	Stator unpainted
coating rotor	Rotor with 1 coatpaint
Colour sheet rotor	2T58036999 RAL 7032 (pebble grey)
Material impeller	Impeller made of galvanised sheet metal
Painting impeller	unpainted
Connection diagram	1360-159XA
Installation position	H/Vu/Vo
Motor protection	thermal contact
Type of protection	IP54
Thermal class	Thermal class 155
Impregnation	Moisture and hot climate protection
Balancing	2,5
Quality of bearings	ball bearing with long-time lubrication
Labelling UL/CSA	MK092-2DK.10.U
Certification	Motor-Recognized Component
Weight kg	7,10
ErP Data	Efficiency η_{statA}: 29,2 % Efficiency: N_{actual} = 37,6 / N_{target} = 37* *ErP 2013Does not comply with the stipulations of the ErP regulations

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2. Drawing



TYP	MOTOR	A	B2	DA	DD	DE	D1_	D5_	E	E1	F	H	H1	H2	H5	K	SXT	T1	U	Z	MLR_MASSE	GES_MASSE
RE22P-__K.3F.5_	MK092-50	100.0	72.0	265.0	226.0	180.0	234.6	7.0	115.0	250.0	7.5	155.3	43.0	74.0	110.3	133.6 *	M6x14	1.0	2.0	6x60°	7.1	7.5

Dimensions in mm

Shown drawing is just to show the dimensions of the fan.

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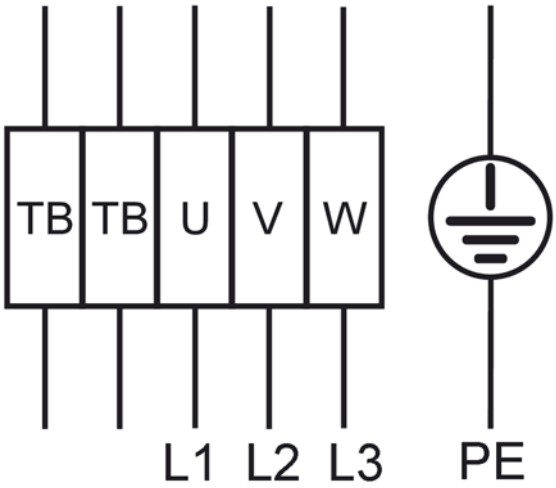
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3. Connection diagram

1360-159XA

3~ motor, 1 speed with thermostatic switch (if built in).

U	brown
V	blue or grey
W	black
TB	white



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4. EU-Declaration of conformity

EU 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 harmonised standards have been used:

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)

i.V. W. Angelis

(signature)

ZIEHL-ABEGG

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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.

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