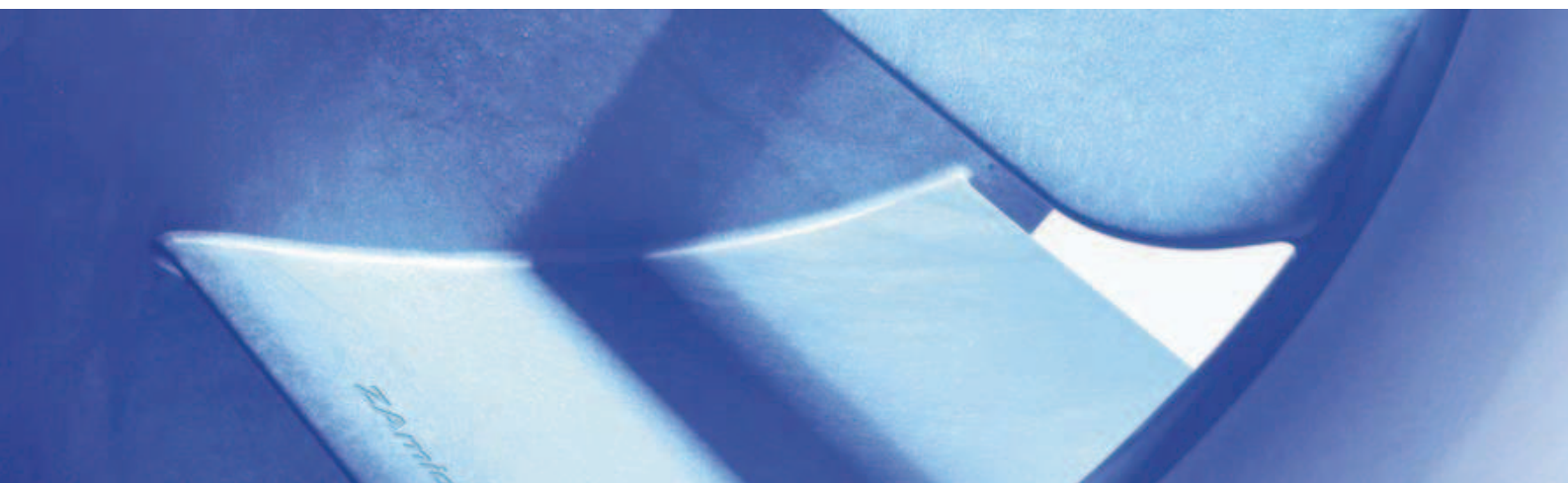
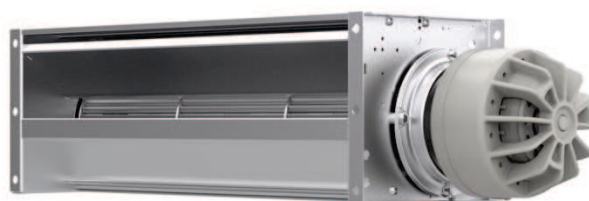




Movement by Perfection



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



Product documentation

Type
QK10A-2EM.48.FK

Article number
110179

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1. Product specification

Technical data

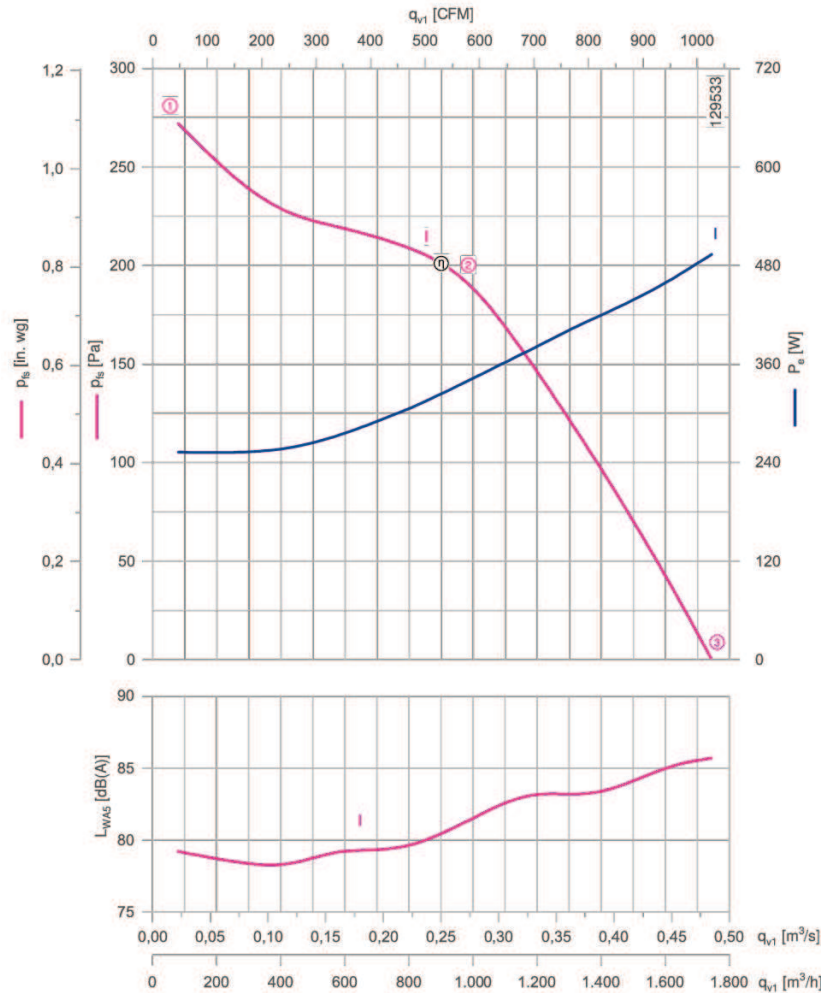
Article number	110179
Type	QK10A-2EM.48.FK
Designation	
Rated values	1~230V±10% 50Hz P ₁ 0,64 (W)W 2,80A 2630/min 10.0uF/400V maximal operating temperature 70°C°C 1~230V±10% 60Hz P ₁ 0,72 (W)W 3,10A 2800/min 10,0uF/400V maximal operating temperature 70°C°C
Electrical connection	
Min. operating temperature °C	-20***
Weight kg	9,50
ErP Data	Efficiency η_{statA} : 20,8 % Efficiency grade: $N_{\text{actual}} = 24,5 / N_{\text{target}} = 21^*$ *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. Characteristic curve

Characteristic curve

Frequency: 50 Hz

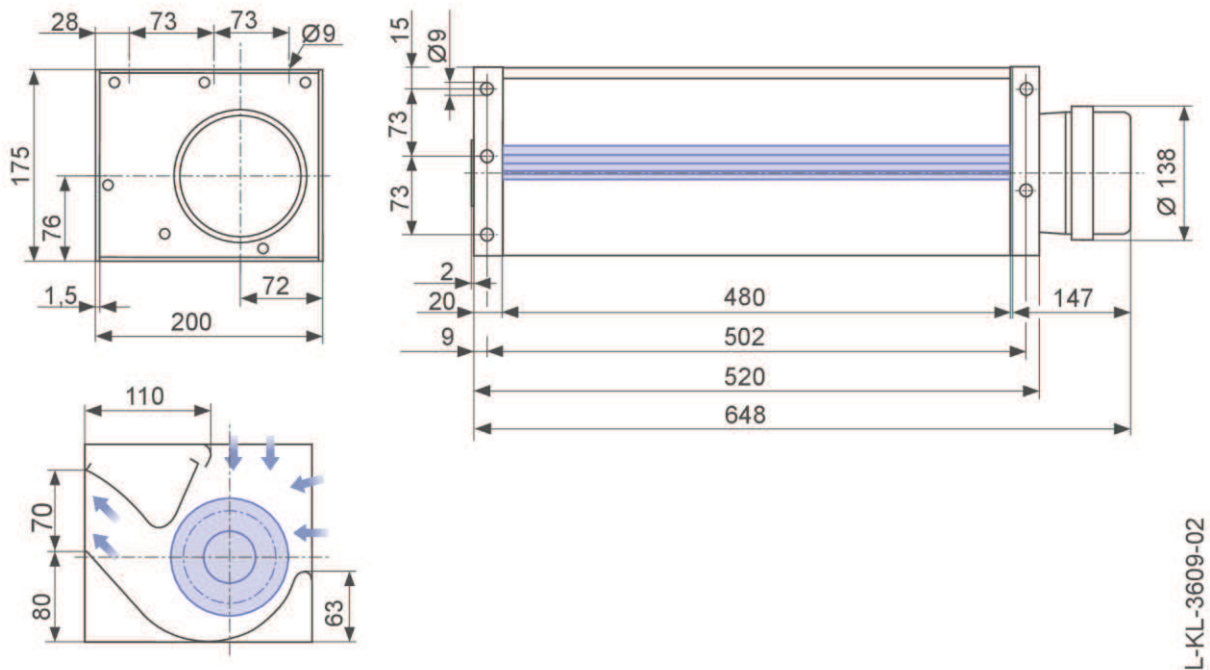


I = 1~230 V

Operating point		①	②	③
Characteristic curve		I	I	I
Voltage	V	230	230	230
Input power	W	250	320	500
Current	A	1,20	1,45	2,20
Speed	min^{-1}	2890	2820	2630
Suction side sound power level	dB(A)	79	81	86



3. Drawing



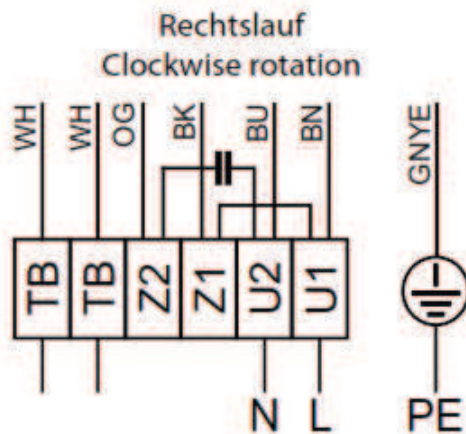
Dimensions in mm

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

4. Connection diagram

1~ motor with capacitor and thermostatic switch
(if built in).

104XA-03



WH - weiß, white
OG - orange, orange
BK - schwarz, black
BU - blau, blue
BN - braun, brown
GNYE - grün-gelb, green-yellow

5. EU-Declaration of conformity

EC-Declaration of conformity

as defined by the EC Low Voltage Directive 2006/95/EC, the EMC guideline 2004/108/EC, as well as ErP guideline 2009/125/EC.

The type of machinery:

- External rotor motor MK..., MW...
- Axial fan FA..., FB..., FC..., FE..., FF..., FS..., FT..., FH..., FL..., FN..., 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..., QD..., QG...

Motor 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

is developed, designed and manufactured in accordance with the EC Directives 2006/95/EC, 2004/108/EC and 2009/125/EC, on the own responsibility of

ZIEHL-ABEGG SE
Heinz-Ziehl-Strasse
D-74653 Kuenzelsau

The following standards are applied:

EN 60034-1:2010+Cor.:2010, EN 60204-1:2006, EN 60529:1991 + A1:2000, EN 61000-6-3:2007, EN 61000-6-2:2005

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

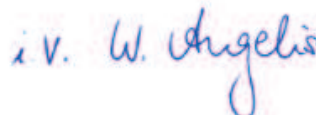
All ErP-relevant information comprises measurements which are determined using a standardised measurement set-up. More details can be obtained from the manufacturer.

Compliance with the EMC Directive 2004/108/EEC only applies to this product if it is connected according to the operating instructions. If this product is integrated in a system or complemented and operated with other components (e.g., switching and control equipment), the manufacturer of or company operating the overall plant is responsible for compliance with the EMC Directive 2004/108/EEC.

The complete technical documentation is available.

22.11.2013

Dr. W. Angelis - Technical Director Air Movement
Division





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](#).