



K Circular Duct Fans

High Quality radial fan for circular ducts

- Available with AC and EC motors
- Indoor and outdoor installation
- Reliable and airtight
- Mounting bracket included
- Noise and energy optimized impeller

[Find more details in our online catalogue](#)

Flexibility

The K fans are intended to use for **supply** or **extract** air, designed to be installed in **any position**. This ensures that the fans can be used in a variety of **commercial** and **domestic** applications.

Reliability

The unit's **airtight casing** and corrosion resistance permits **outdoor** and **indoor** use. The combination of reliable casing and motor construction ensures, to minimize the need for maintenance of the fans and allows long **continuous operation**.

Performance

Sound optimized radial impeller together with **high efficient** external rotor motor are designed to ensure high-level performance to **minimize power consumption** and **maximize efficiency**.

Accessories

K fans can be selected together with variety types of **accessories** as fast clamps, heaters, filters, dampers, etc.

Features

Construction

Casing made of **galvanised sheet steel**, corrosion **class C3** is fully **air tight class C** according to EN1751. The fans are equipped with an external **terminal box** with protection class **IP55**.

Impeller

K fans use backward curved **radial** impellers. These are from lightweight, hard-wearing fiberglass reinforced **polyamide**, dynamically **balanced** and paired with corresponding external rotor motors.

Motor

Depending on type, K fans are equipped with **AC** or high efficient **EC** external rotor motors. All motors are suitable for **50Hz** and **60Hz**.

Motor protection

Fans with **AC** motors have **integrated** thermal protection with manual (electrical) reset. Size 100 and 125 has an impedance motor protection.

Fans with **EC** motors have an **integrated** electronic **thermal protection** including **locked-rotor protection** and **soft-start**.

Control

EC motor with **built-in potentiometer** to adjust working point can be also controlled by external **signal 0-10V**.

AC motor can be controlled by **5-step** or **stepless** speed regulator.

Installation

K fans can be installed in **any** position **indoor** and **outdoor** by included **mounting brackets**. All models have a spigot with 25 mm length which is perfectly designed to connect circular duct by **fast clamps preventing vibration** to the duct. Installation can be combined with filter boxes, sound attenuators, and other mechanical accessories from recommended list.

Technical parameters

Nominal data

Voltage (nominal)	230	V
Frequency	50	Hz
Phases	1~	
Input power	318	W
Input power kW	0.318	kW
Input current	1.39	A
Impeller speed	2,318	rpm
Air flow	max 1,728	m³/h
Capacitance of capacitor	7	µF
Temperature of transported air	max 57	°C
Max temperature of transported air, when speed controlled	52	°C

Sound data

Sound pressure level at 3m (20m² Sabin)	50	dB(A)
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Protection/Classification

Enclosure class, motor	IP44
Insulation class	F

Data according to ErP

ErP ready	Not ErP relevant
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Dimensions and weights

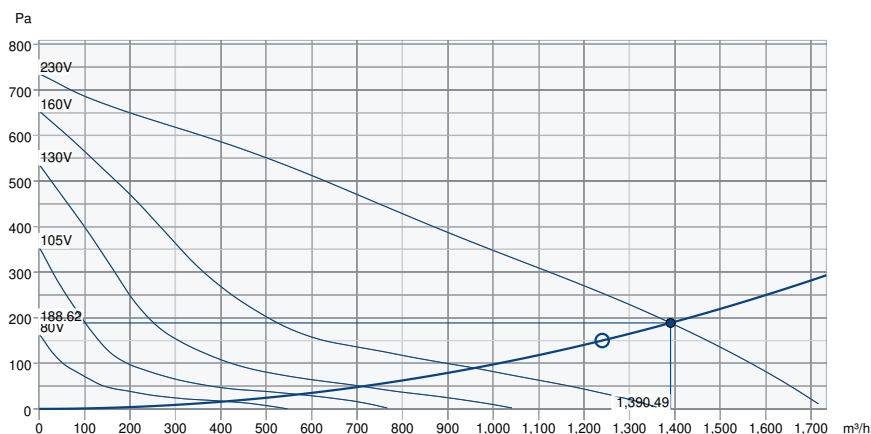
Duct dimension; Circular, inlet	315	mm
Duct dimension; Circular, outlet	315	mm
Weight	6.6	kg

Others

Duct connection type	Circular
Motor type	AC

Performance

Performance curve

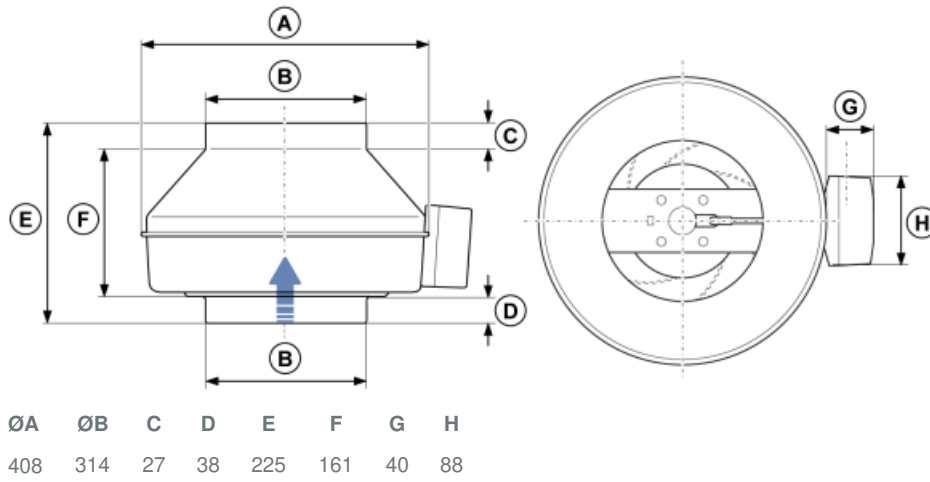


Hydraulic data

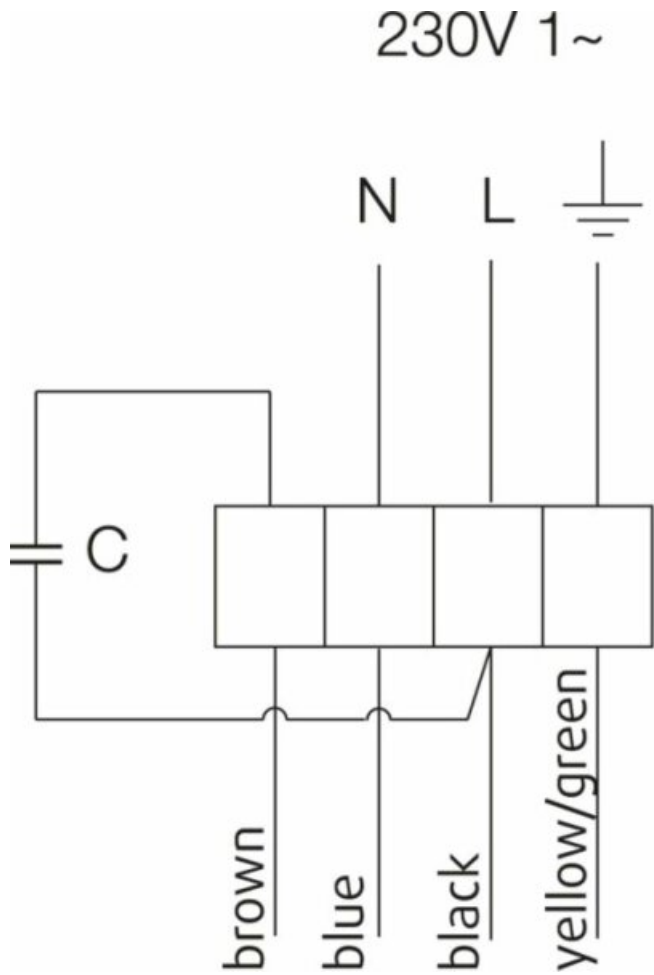
Required air flow	1,240 m³/h
Required static pressure	150 Pa
Working air flow	1,390 m³/h
Working static pressure	189 Pa
Air density	1.204 kg/m³
Power	300.4 W
Fan control - RPM	2,502 rpm
Current	1.31 A
SFP	0.778 kW/m³/s
Control voltage	230.0 V
Supply voltage	230 V

Sound power level		63	125	250	500	1k	2k	4k	8k	Total
Inlet	dB(A)	52	63	67	69	70	70	67	66	76
Outlet	dB(A)	57	66	69	72	73	73	67	63	79
Surrounding	dB(A)	25	31	48	55	49	54	51	46	59
Sound pressure level at 3m (20m² Sabine)	dB(A)	-	-	-	-	-	-	-	-	52
Sound pressure level at 3m free field	dB(A)	-	-	-	-	-	-	-	-	38

Dimension



Wiring





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Sound optimized radial impeller together with **high efficient** external rotor motor are designed to ensure high-level performance to **minimize power consumption** and **maximize efficiency**.

Accessories

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Control

EC motor with **built-in potentiometer** to adjust working point can be also controlled by external **signal 0-10V**.

AC motor can be controlled by **5-step** or **stepless** speed regulator.

Installation

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Technical parameters

Nominal data

Voltage (nominal)	230	V
Frequency	50	Hz
Phases	1~	
Input power	201	W
Input power kW	0.201	kW
Input current	0.882	A
Impeller speed	2,520	rpm
Air flow	max 1,238	m³/h
Capacitance of capacitor	5	µF
Temperature of transported air	max 70	°C
Max temperature of transported air, when speed controlled	70	°C

Sound data

Sound pressure level at 3m (20m² Sabin)	48	dB(A)
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Protection/Classification

Enclosure class, motor	IP44
Insulation class	F

Data according to ErP

ErP ready	Not ErP relevant
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Dimensions and weights

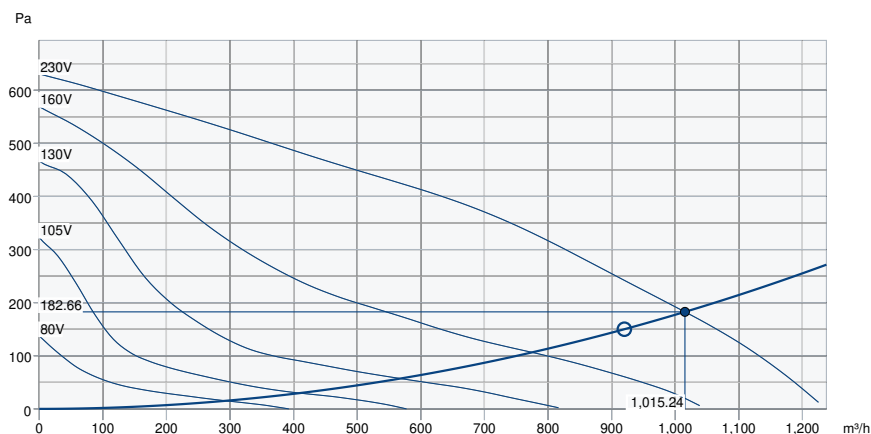
Duct dimension; Circular, inlet	315	mm
Duct dimension; Circular, outlet	315	mm
Weight	5.5	kg

Others

Duct connection type	Circular
Motor type	AC

Performance

Performance curve

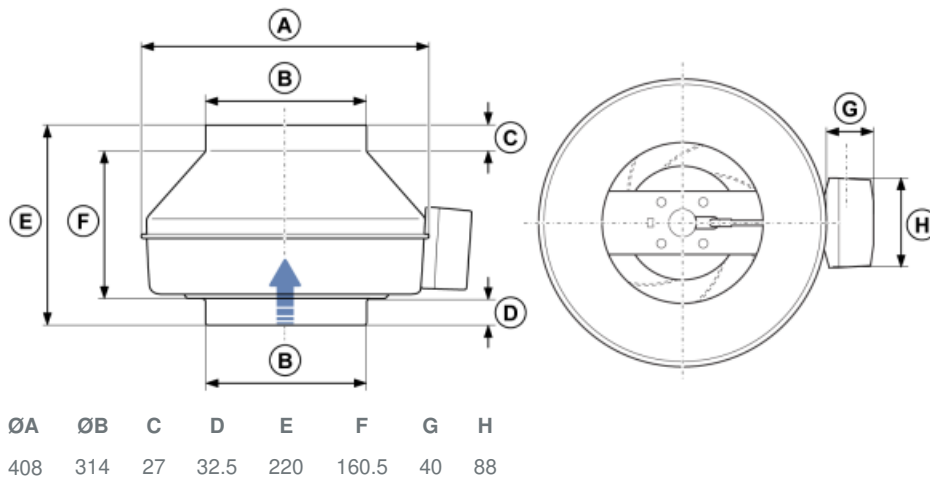


Hydraulic data

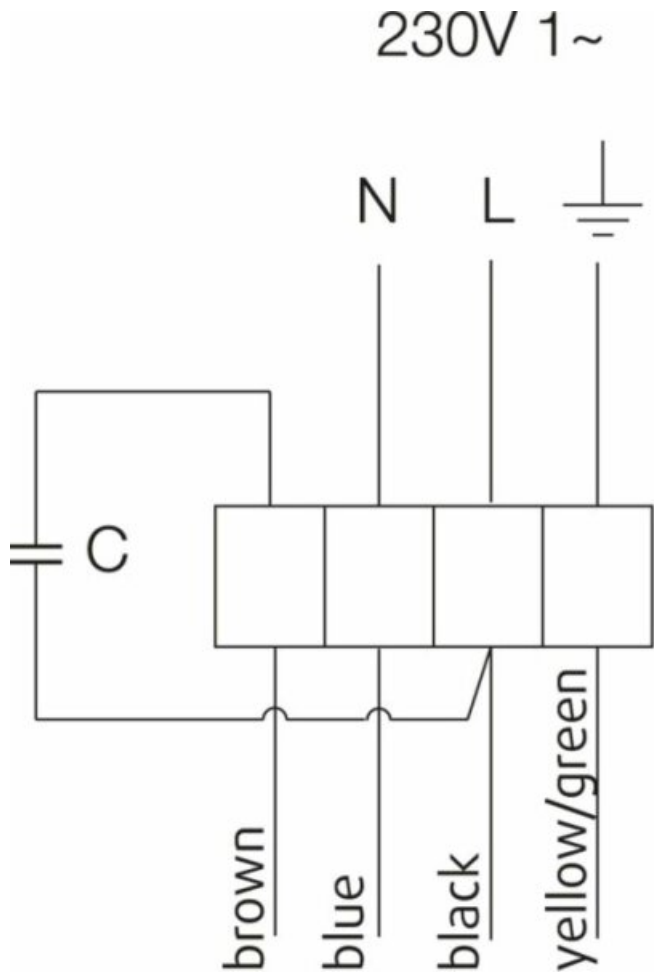
Required air flow	920 m³/h
Required static pressure	150 Pa
Working air flow	1,015 m³/h
Working static pressure	183 Pa
Air density	1.204 kg/m³
Power	189.2 W
Fan control - RPM	2,556 rpm
Current	0.83 A
SFP	0.671 kW/m³/s
Control voltage	230.0 V
Supply voltage	230 V

Sound power level		63	125	250	500	1k	2k	4k	8k	Total
Inlet	dB(A)	45	61	66	63	66	64	67	59	73
Outlet	dB(A)	49	59	65	60	65	66	67	60	73
Surrounding	dB(A)	15	25	45	46	45	50	49	38	55
Sound pressure level at 3m (20m² Sabine)	dB(A)	-	-	-	-	-	-	-	-	48
Sound pressure level at 3m free field	dB(A)	-	-	-	-	-	-	-	-	34

Dimension



Wiring





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Accessories

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Certifications



Ecodesign (ErP) compliant

Features

Construction

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Technical parameters

Nominal data

Voltage (nominal)	230	V
Frequency	50	Hz
Phases	1~	
Input power	30	W
Input power kW	0.03	kW
Input current	0.163	A
Impeller speed	2,481	rpm
Air flow	max 180	m³/h
Temperature of transported air	max 70	°C
Max temperature of transported air, when speed controlled	70	°C

Sound data

Sound pressure level at 3m (20m² Sabin)	38	dB(A)
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Protection/Classification

Enclosure class, motor	IP44
Insulation class	B

Data according to ErP

Energy class, Basic unit	F
Energy class, Local demand	D
ErP ready	ErP 2018

Dimensions and weights

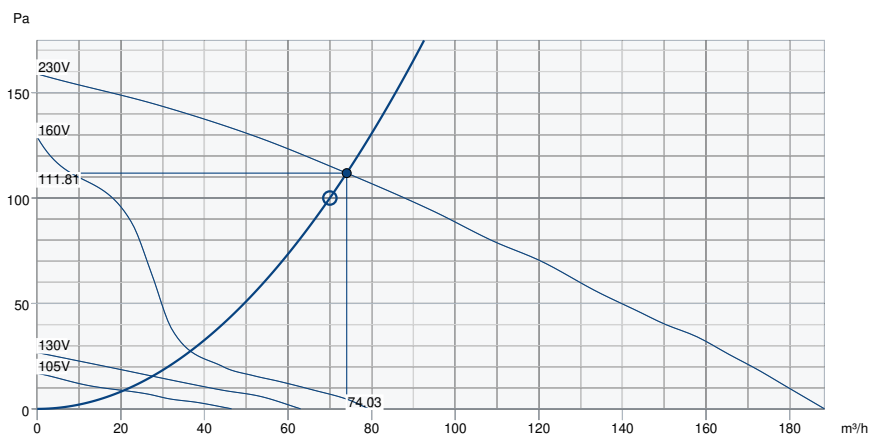
Duct dimension; Circular, inlet	100	mm
Duct dimension; Circular, outlet	100	mm
Weight	2.3	kg

Others

Duct connection type	Circular
Motor type	AC

Performance

Performance curve

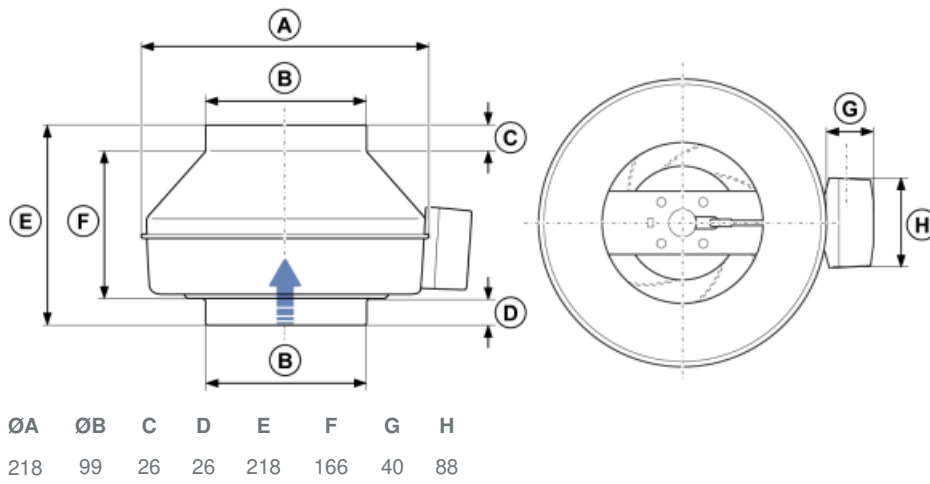


Hydraulic data

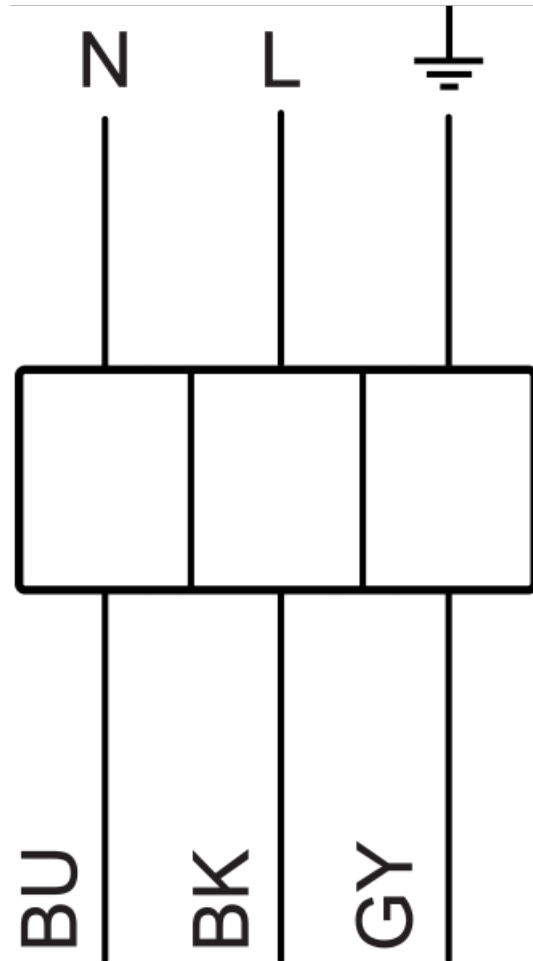
Required air flow	70 m³/h
Required static pressure	100 Pa
Working air flow	74 m³/h
Working static pressure	112 Pa
Air density	1.204 kg/m³
Power	27.2 W
Fan control - RPM	2,577 rpm
Current	0.16 A
SFP	1.321 kW/m³/s
Control voltage	230.0 V
Supply voltage	230 V

Sound power level		63	125	250	500	1k	2k	4k	8k	Total
Inlet	dB(A)	49	58	58	59	53	50	39	27	64
Outlet	dB(A)	53	60	61	51	53	46	36	29	65
Surrounding	dB(A)	18	21	24	40	41	38	27	24	45
Sound pressure level at 3m (20m² Sabine)	dB(A)	-	-	-	-	-	-	-	-	38
Sound pressure level at 3m free field	dB(A)	-	-	-	-	-	-	-	-	24

Dimension



Wiring



BU = Blue
 BK = Black
 GY = Green/Yellow



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Certifications



Ecodesign (ErP) compliant

Features

Construction

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Impeller

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Motor

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Motor protection

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Control

EC motor with **built-in potentiometer** to adjust working point can be also controlled by external **signal 0-10V**.

AC motor can be controlled by **5-step** or **stepless** speed regulator.

Installation

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Technical parameters

Nominal data

Voltage (nominal)	230	V
Frequency	50	Hz
Phases	1~	
Input power	100	W
Input power kW	0.1	kW
Input current	0.443	A
Impeller speed	2,523	rpm
Air flow	max 724	m³/h
Capacitance of capacitor	2.5	µF
Temperature of transported air	max 70	°C
Max temperature of transported air, when speed controlled	70	°C

Sound data

Sound pressure level at 3m (20m² Sabin)	48	dB(A)
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Protection/Classification

Enclosure class, motor	IP44
Insulation class	F

Data according to ErP

Energy class, Basic unit	E
Energy class, Local demand	C
ErP ready	ErP 2016; ErP 2018

Dimensions and weights

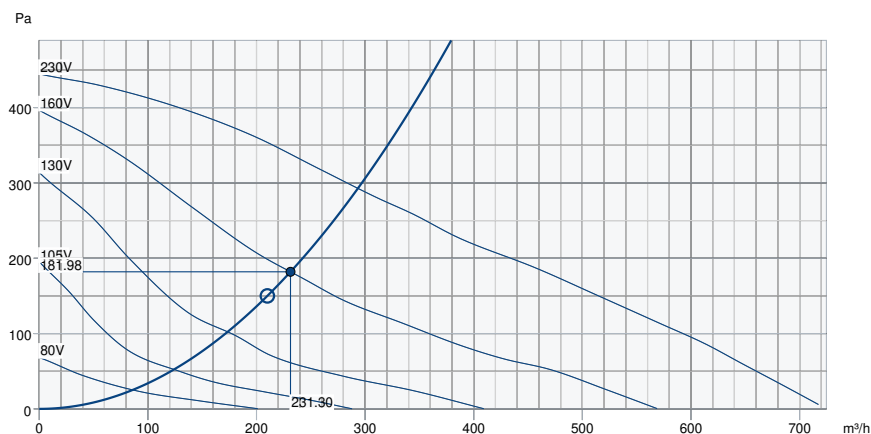
Duct dimension; Circular, inlet	150	mm
Duct dimension; Circular, outlet	150	mm
Weight	4.1	kg

Others

Duct connection type	Circular
Motor type	AC

Performance

Performance curve

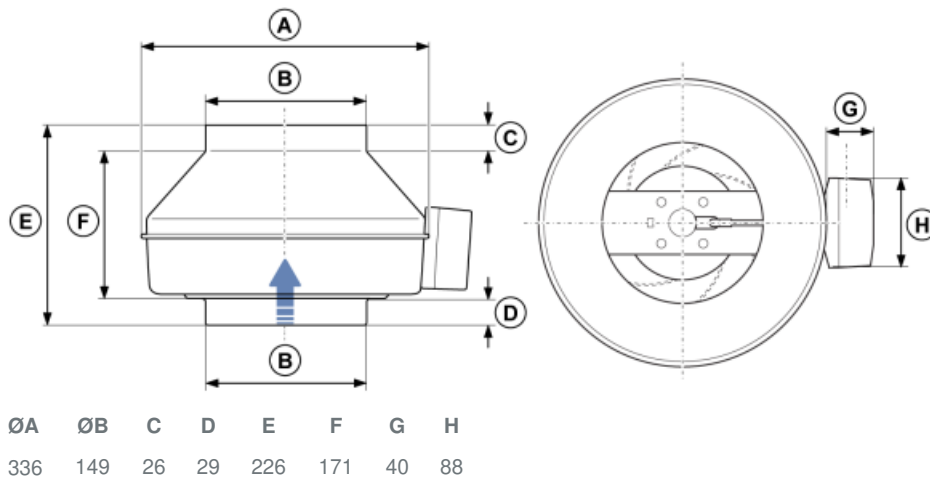


Hydraulic data

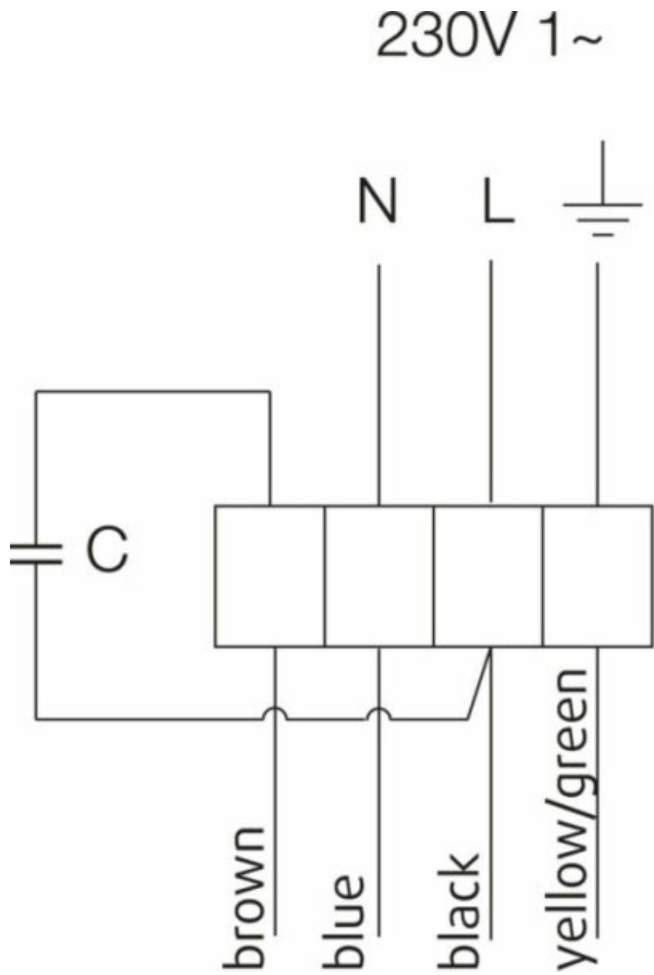
Required air flow	210 m³/h
Required static pressure	150 Pa
Working air flow	231 m³/h
Working static pressure	182 Pa
Air density	1.204 kg/m³
Power	69.2 W
Fan control - RPM	2,024 rpm
Current	0.43 A
SFP	1.076 kW/m³/s
Control voltage	160.0 V
Supply voltage	160 V

Sound power level		63	125	250	500	1k	2k	4k	8k	Total
Inlet	dB(A)	48	67	62	66	60	55	51	39	71
Outlet	dB(A)	51	63	56	62	57	55	47	39	67
Surrounding	dB(A)	13	24	30	45	39	40	36	20	47
Sound pressure level at 3m (20m² Sabine)	dB(A)	-	-	-	-	-	-	-	-	40
Sound pressure level at 3m free field	dB(A)	-	-	-	-	-	-	-	-	26

Dimension



Wiring





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Certifications



Ecodesign (ErP) compliant

Features

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Technical parameters

Nominal data

Voltage (nominal)	230	V
Frequency	50	Hz
Phases	1~	
Input power	158	W
Input power kW	0.158	kW
Input current	0.683	A
Impeller speed	2,645	rpm
Air flow	max 974	m³/h
Capacitance of capacitor	5	µF
Temperature of transported air	max 70	°C
Max temperature of transported air, when speed controlled	70	°C

Sound data

Sound pressure level at 3m (20m² Sabin)	43	dB(A)
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Protection/Classification

Enclosure class, motor	IP44
Insulation class	F

Data according to ErP

ErP ready	ErP 2018; ErP 2016
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Dimensions and weights

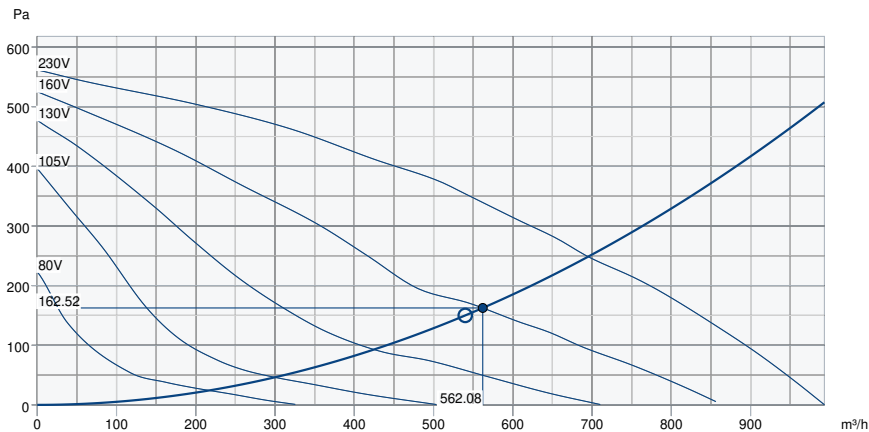
Duct dimension; Circular, inlet	200	mm
Duct dimension; Circular, outlet	200	mm
Weight	4.8	kg

Others

Duct connection type	Circular
Motor type	AC

Performance

Performance curve

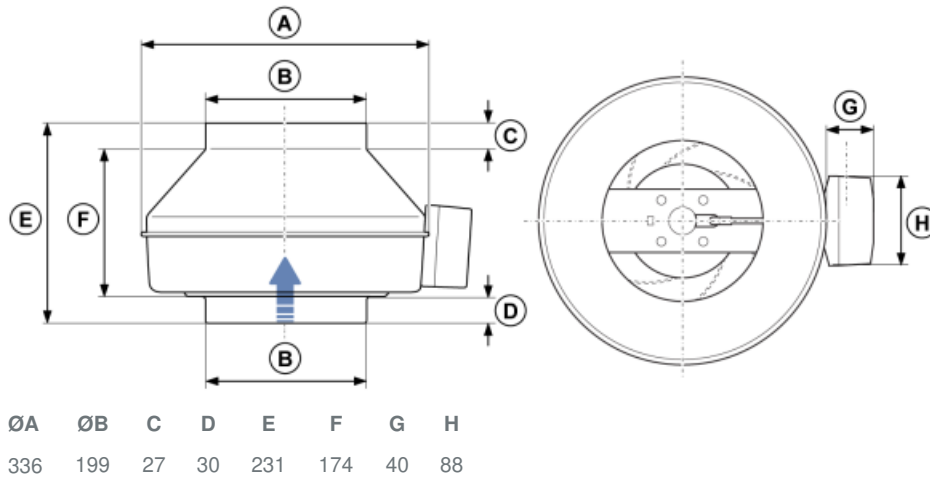


Hydraulic data

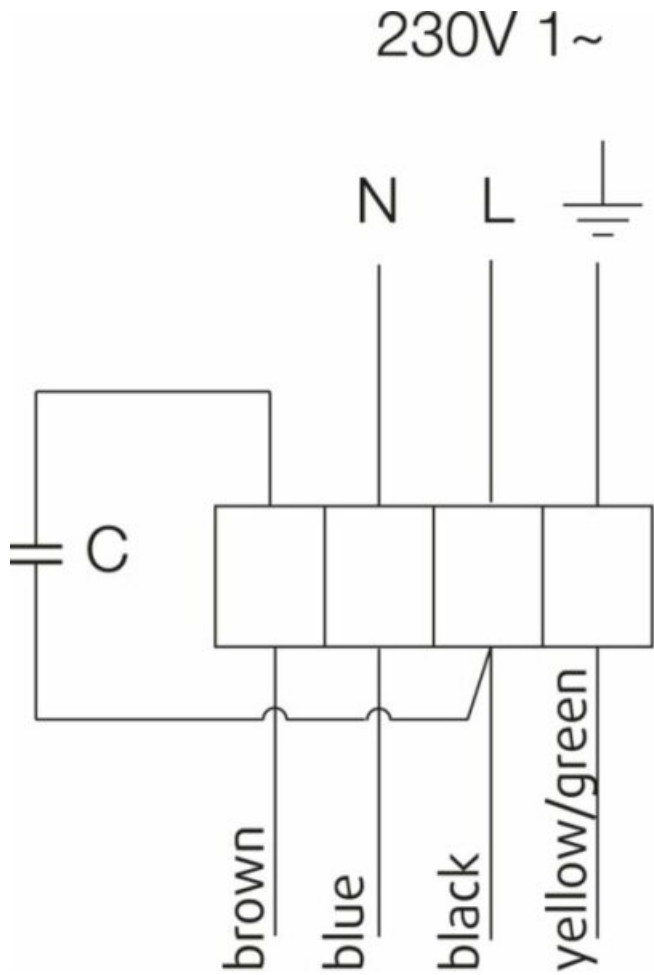
Required air flow	540 m³/h
Required static pressure	150 Pa
Working air flow	562 m³/h
Working static pressure	163 Pa
Air density	1.204 kg/m³
Power	115.7 W
Fan control - RPM	2,141 rpm
Current	0.72 A
SFP	0.741 kW/m³/s
Control voltage	160.0 V
Supply voltage	160 V

Sound power level		63	125	250	500	1k	2k	4k	8k	Total
Inlet	dB(A)	49	57	64	59	59	57	52	45	67
Outlet	dB(A)	51	58	55	58	57	58	53	44	65
Surrounding	dB(A)	15	25	41	37	42	40	35	26	47
Sound pressure level at 3m (20m² Sabine)	dB(A)	-	-	-	-	-	-	-	-	40
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Technical parameters

Nominal data

Voltage (nominal)	230	V
Frequency	50	Hz
Phases	1~	
Input power	52	W
Input power kW	0.052	kW
Input current	0.227	A
Impeller speed	2,418	rpm
Air flow	max 285	m³/h
Capacitance of capacitor	1.5	µF
Temperature of transported air	max 70	°C
Max temperature of transported air, when speed controlled	70	°C

Sound data

Sound pressure level at 3m (20m² Sabin)	45	dB(A)
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Protection/Classification

Enclosure class, motor	IP44
Insulation class	B

Data according to ErP

Energy class, Basic unit	E
Energy class, Local demand	C
ErP ready	ErP 2016; ErP 2018

Dimensions and weights

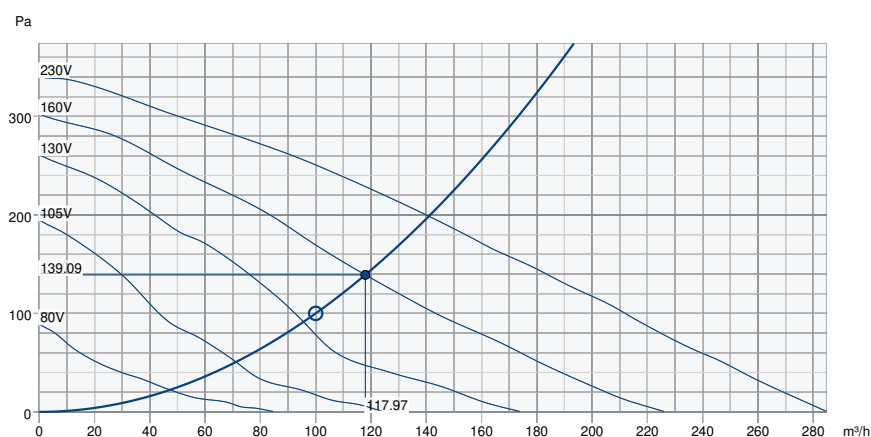
Duct dimension; Circular, inlet	100	mm
Duct dimension; Circular, outlet	100	mm
Weight	3	kg

Others

Duct connection type	Circular
Motor type	AC

Performance

Performance curve

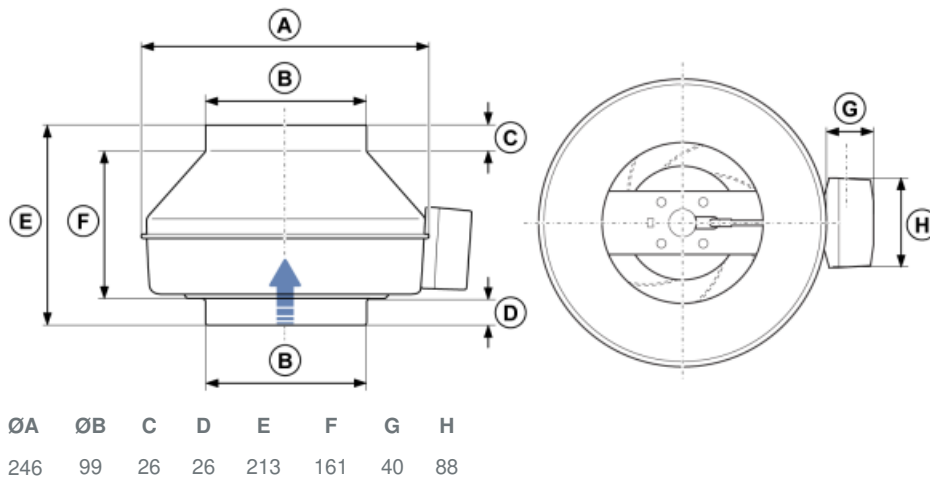


Hydraulic data

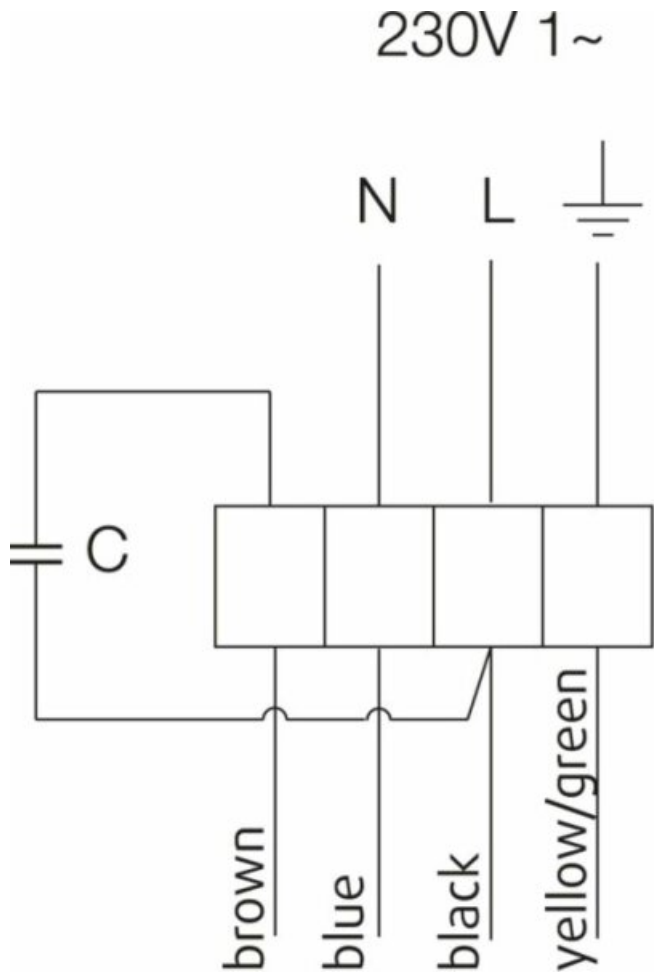
Required air flow	100 m³/h
Required static pressure	100 Pa
Working air flow	118 m³/h
Working static pressure	139 Pa
Air density	1.204 kg/m³
Power	30.1 W
Fan control - RPM	2,123 rpm
Current	0.19 A
SFP	0.919 kW/m³/s
Control voltage	160.0 V
Supply voltage	160 V

Sound power level		63	125	250	500	1k	2k	4k	8k	Total
Inlet	dB(A)	53	62	57	60	59	53	45	31	66
Outlet	dB(A)	54	60	53	56	57	51	43	28	64
Surrounding	dB(A)	28	11	22	43	42	38	32	18	46
Sound pressure level at 3m (20m² Sabine)	dB(A)	-	-	-	-	-	-	-	-	39
Sound pressure level at 3m free field	dB(A)	-	-	-	-	-	-	-	-	25

Dimension



Wiring





K Circular Duct Fans

High Quality radial fan for circular ducts

- Available with AC and EC motors
- Indoor and outdoor installation
- Reliable and airtight
- Mounting bracket included
- Noise and energy optimized impeller

[Find more details in our online catalogue](#)

Flexibility

The K fans are intended to use for **supply** or **extract** air, designed to be installed in **any position**. This ensures that the fans can be used in a variety of **commercial** and **domestic** applications.

Reliability

The unit's **airtight casing** and corrosion resistance permits **outdoor** and **indoor** use. The combination of reliable casing and motor construction ensures, to minimize the need for maintenance of the fans and allows long **continuous operation**.

Performance

Sound optimized radial impeller together with **high efficient** external rotor motor are designed to ensure high-level performance to **minimize power consumption** and **maximize efficiency**.

Accessories

K fans can be selected together with variety types of **accessories** as fast clamps, heaters, filters, dampers, etc.

Certifications



Ecodesign (ErP) compliant

Features

Construction

Casing made of **galvanised sheet steel**, corrosion **class C3** is fully **air tight class C** according to EN1751. The fans are equipped with an external **terminal box with** protection class **IP55**.

Impeller

K fans use backward curved **radial** impellers. These are from lightweight, hard-wearing fiberglass reinforced **polyamide**, dynamically **balanced** and paired with corresponding external rotor motors.

Motor

Depending on type, K fans are equipped with **AC** or high efficient **EC** external rotor motors. All motors are suitable for **50Hz** and **60Hz**.

Motor protection

Fans with **AC** motors have **integrated** thermal protection with manual (electrical) reset. Size 100 and 125 has an impedance motor protection.

Fans with **EC** motors have an **integrated** electronic **thermal protection** including **locked-rotor protection** and **soft-start**.

Control

EC motor with **built-in potentiometer** to adjust working point can be also controlled by external **signal 0-10V**.

AC motor can be controlled by **5-step** or **stepless** speed regulator.

Installation

K fans can be installed in **any** position **indoor** and **outdoor** by included **mounting brackets**. All models have a spigot with 25 mm length which is perfectly designed to connect circular duct by **fast clamps preventing vibration** to the duct. Installation can be combined with filter boxes, sound attenuators, and other mechanical accessories from recommended list.

Technical parameters

Nominal data

Voltage (nominal)	230	V
Frequency	50	Hz
Phases	1~	
Input power	158	W
Input power kW	0.158	kW
Input current	0.683	A
Impeller speed	2,645	rpm
Air flow	max 974	m³/h
Capacitance of capacitor	5	µF
Temperature of transported air	max 70	°C
Max temperature of transported air, when speed controlled	70	°C

Sound data

Sound pressure level at 3m (20m² Sabin)	43	dB(A)
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Protection/Classification

Enclosure class, motor	IP44
Insulation class	F

Data according to ErP

ErP ready	ErP 2018; ErP 2016
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Dimensions and weights

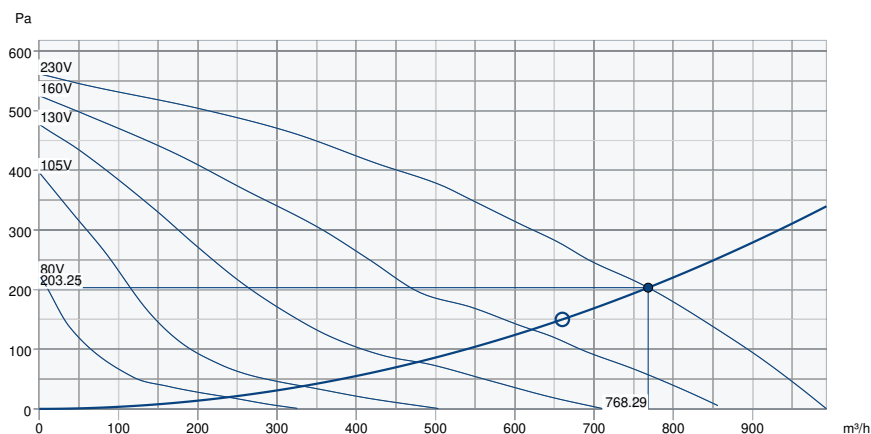
Duct dimension; Circular, inlet	200	mm
Duct dimension; Circular, outlet	200	mm
Weight	4.8	kg

Others

Duct connection type	Circular
Motor type	AC

Performance

Performance curve

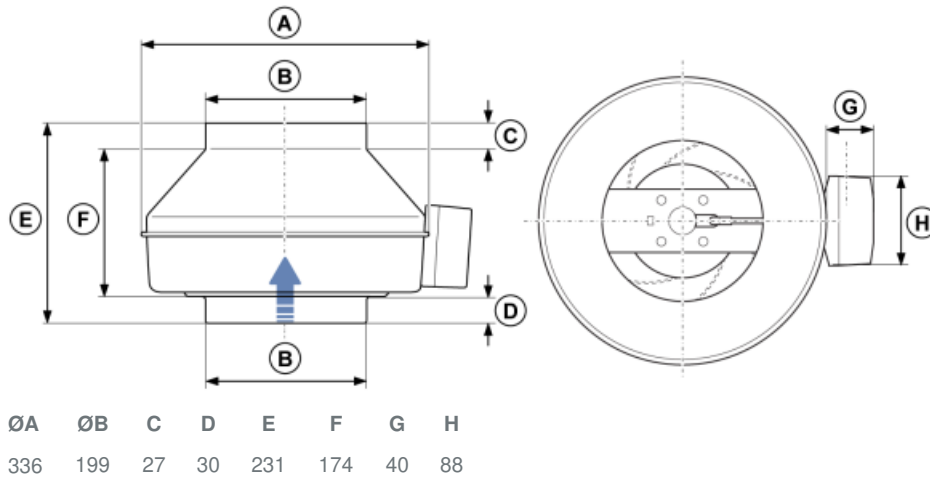


Hydraulic data

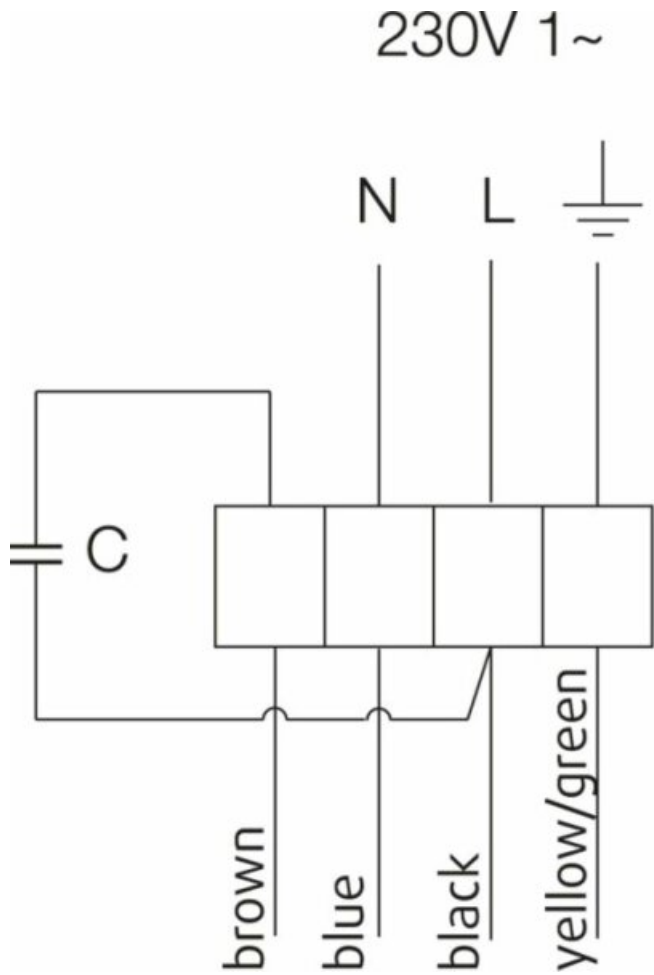
Required air flow	660 m³/h
Required static pressure	150 Pa
Working air flow	768 m³/h
Working static pressure	203 Pa
Air density	1.204 kg/m³
Power	156.7 W
Fan control - RPM	2,652 rpm
Current	0.68 A
SFP	0.734 kW/m³/s
Control voltage	230.0 V
Supply voltage	230 V

Sound power level		63	125	250	500	1k	2k	4k	8k	Total
Inlet	dB(A)	53	60	71	66	66	64	58	57	74
Outlet	dB(A)	56	61	61	64	64	64	59	54	71
Surrounding	dB(A)	19	29	49	44	48	47	41	37	54
Sound pressure level at 3m (20m² Sabine)	dB(A)	-	-	-	-	-	-	-	-	47
Sound pressure level at 3m free field	dB(A)	-	-	-	-	-	-	-	-	33

Dimension



Wiring





KTEX Rectangular Duct Fans

Reliable inline fan for hazardous professional environments

- ATEX certified according to ATEX 2014/34/EU
- Suitable for high risk environments
- Swing out lid for easy maintenance

[Find more details in our online catalogue](#)

Designed for demanding environment

KTEX series of explosion-proof inline fans are designed for potentially hazardous premises like **battery charging rooms**, **fume cupboards** or other **high-risk environments**.

High performance

The KTEX fans combine a **compact streamline design** with a **high performance** forward curved radial impeller paired with **reliable** ATEX-rated AC motors.

Flexible installation

KTEX fans can be installed in **any position**, in rectangular duct air extract systems which makes them easy to fit in all different application.

Explosion-Proof

KTEX series is classified as **II 2 G Ex eb h IIB+H₂ T3 Gb**. Intended to use in explosion **zone 1 and 2** for extracting **gases** and **mixes** of groups **IIA, IIB** and also **hydrogen (H₂)** with temperature **classes T1, T2 and T3**. Comply with EN 60079-7:2015, EN 14986:2007, EN 60079-0:2012.

Features

Casing

Casing made of **galvanised sheet steel**, corrosion **class C3** with a **copper inlet cone**. Motor of the unit mounted on **swing-out lid** to simplify service and maintenance. KTEX fans are equipped with **connection cable** to connect to the **ATEX rated external connection box** (separate accessory) for wiring on site.

Impeller

KTEX fans use single inlet **radial impellers** with **forward-curved** blades. Made of **lightweight, galvanised** sheet steel. Impellers dynamically **balanced** and paired with corresponding external rotor motors.

Motor

KTEX fans are equipped with ATEX certified, voltage controllable **AC** external rotor motors supported by **long-life** ball bearings.

Motor protection

KTEX fans have **integrated** PTC (Positive Temperature Coefficient) protective circuits with **external leads** for connection to a motor protection device (separate accessory). We recommend to use **UEK230E motor protection**, certified according to ATEX directive 2014/34/EU.

Control

Motors of KTEX fans can be controlled by **5-step** speed regulator as separate accessory. Speed regulation can be combined with timer, thermostat, hygrostat, etc. by using wide range of electrical accessories.

Mounting

KTEX fans can be installed **indoor in any position**. To avoid vibration transfer to the duct system we recommend to install **flexible connections** (accessory).

Technical parameters

Nominal data

Voltage (nominal)	400	V
Frequency	50	Hz
Phases	3~	
Input power	888	W
Input power kW	0.888	kW
Input current	1.77	A
Impeller speed	1,359	rpm
Air flow	max 2,552	m³/h
Minimum static back pressure	40	Pa
Temperature of transported air	max 40	°C
Max temperature of transported air, when speed controlled	40	°C

Sound data

Sound pressure level at 3m (20m² Sabin)	57	dB(A)
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Protection/Classification

Enclosure class, motor	IP44
Insulation class	F
Explosion proof marking	II 2 G Ex eb h IIB+H₂ T3 Gb
Certificate	Presafe 17ATEX9970X

Data according to ErP

ErP ready	Not ErP relevant
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Ambient and duct temperature

Ambient and duct temperature	-20 to 40	°C
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Dimensions and weights

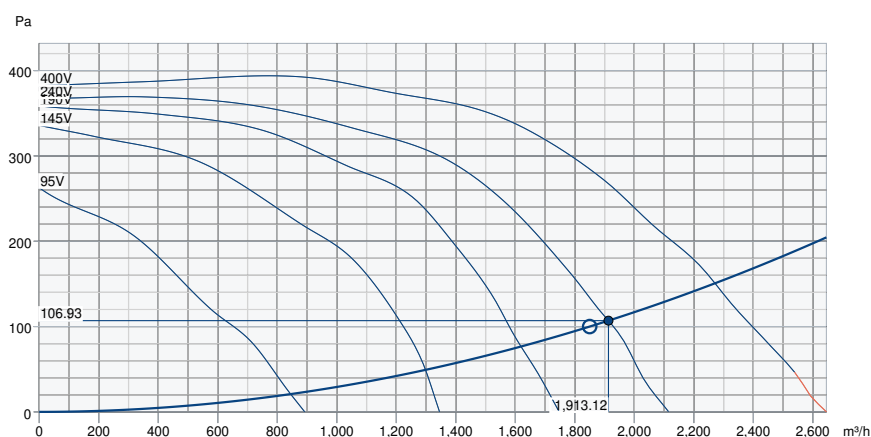
Duct dimension, inlet (height x width)	300 x 500	mm
Duct dimension, outlet (height x width)	300 x 500	mm
Weight	22.8	kg

Others

Duct connection type	Rectangular
Motor type	AC

Performance

Performance curve

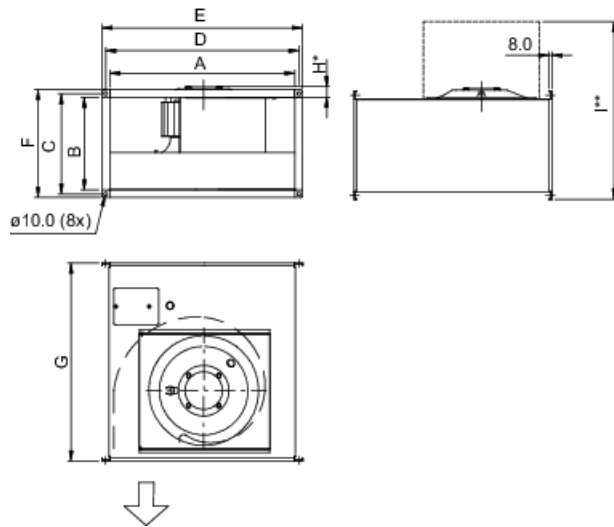


Hydraulic data

Required air flow	1,850 m³/h
Required static pressure	100 Pa
Working air flow	1,913 m³/h
Working static pressure	107 Pa
Air density	1.204 kg/m³
Power	576.2 W
Fan control - RPM	1,179 rpm
Current	1.62 A
SFP	1.084 kW/m³/s
Control voltage	240.0 V
Supply voltage	240 V

Sound power level		63	125	250	500	1k	2k	4k	8k	Total
Inlet	dB(A)	63	72	66	65	70	70	69	65	78
Outlet	dB(A)	59	70	69	73	78	75	74	69	82
Surrounding	dB(A)	48	58	57	56	61	57	56	52	66
Sound pressure level at 3m (20m² Sabine)	dB(A)	-	-	-	-	-	-	-	-	59
Sound pressure level at 3m free field	dB(A)	-	-	-	-	-	-	-	-	45

Dimension



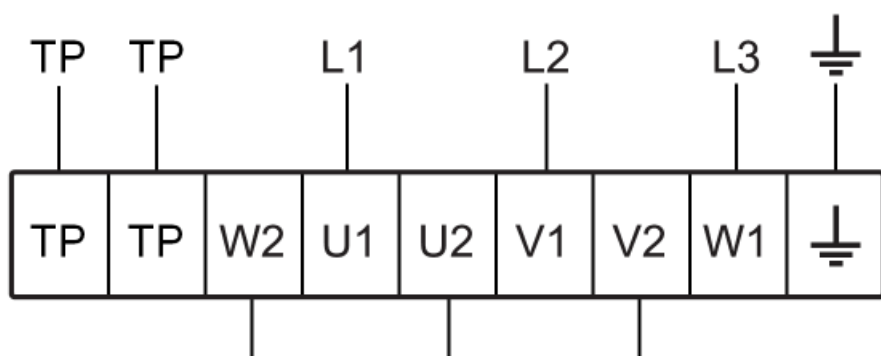
H* = Dimensions from the engine bolts

I** = Dimension with fully open hatch.

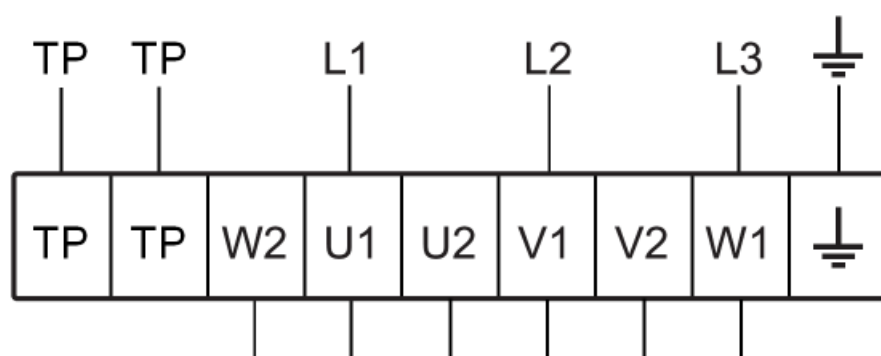
	A	B	C	D	E	F	G	H*	I**
KTEX 50-25	498	248	270	520	540	290	532	34,5	610
KTEX 50-30	498	298	320	520	540	340	562	34,5	695
KTEX 60-30	598	298	320	620	640	340	642	52	715
KTEX 60-35	598	348	370	620	640	390	717	54,5	805
KTEX 70-40	698	398	420	720	740	440	787	50	900

Wiring

400V 3~ (Y)



230V 3~ (D)



Prio Circular Duct Fans

Quiet and compact mixed-flow fan

- Available with AC and EC motors for 50 and 60Hz
- Easy to install
- Sound and energy optimized impellers

[Find more details in our online catalogue](#)



Flexibility

The prio fans are intended to use for **supply** or **extract** air, designed to be installed in **any position**. This ensures that the fans can be used in a variety of **commercial** and **domestic** applications.

Reliability

The unit's **airtight casing** and corrosion resistance allows to use indoors and in damp areas. The combination of a reliable casing and motor construction ensures to minimize the need for maintenance of the fans and allows long **continuous operation**.

Performance

The **sound optimized** impellers together with **high efficient** external rotor motors are designed to ensure high-level performance to **minimize power consumption** and **maximize efficiency**.

Accessories

Prio fan can be selected together with variety types of **accessories** as fast clamps, heaters, filters, dampers, etc.

Certifications



Ecodesign (ErP) compliant

Features

Construction

Casing made out of special composite material or sheet metal, is fully airtight class C according to EN12237.
The Fans are equipped with an external **terminal box with** protection class **IP44**.

Impeller

Prio fans have aerodynamically optimized impellers and guide vanes. These are from lightweight, hard-wearing fiberglass reinforced **polyamide**, dynamically **balanced** and paired with corresponding external rotor motors.

Motor

Depending on the type, prio fans are equipped with **AC** or **EC** external rotor motor. Motors are suitable for **50Hz** and **60Hz**.

Motor protection

Fans with **AC** motors have an **integrated** thermal protection with manual (electrical) reset.

For **size 315 – 500** an external motor protection is needed.

Fans with **EC** motors have an **integrated** electronic **thermal protection** including **locked-rotor protection** and **soft-start**.

Control

EC motors with **built-in potentiometer** to adjust working point can be also controlled by external **signal 0-10V**.

AC motors can be controlled by **5-step** or **stepless** speed regulator.

Installation

Prio fans can be installed in any position **indoor** and in **damp areas**. Spigot with 25 mm length is perfectly designed to connect circular duct by **fast clamps preventing vibration** to the duct.

Technical parameters

Nominal data

Voltage (nominal)	230	V
Frequency	50	Hz
Phases	1~	
Input power	194	W
Input power kW	0.194	kW
Input current	0.845	A
Impeller speed	2,692	rpm
Air flow	max 2,038	m³/h
Specific ratio	1,000000	
Capacitance of capacitor	6	µF
Temperature of transported air	max 55	°C
Max temperature of transported air, when speed controlled	55	°C

Protection/Classification

Enclosure class, motor	IP44
Insulation class	F

Data according to ErP

ErP ready	ErP 2018
Measurement category	D

Dimensions and weights

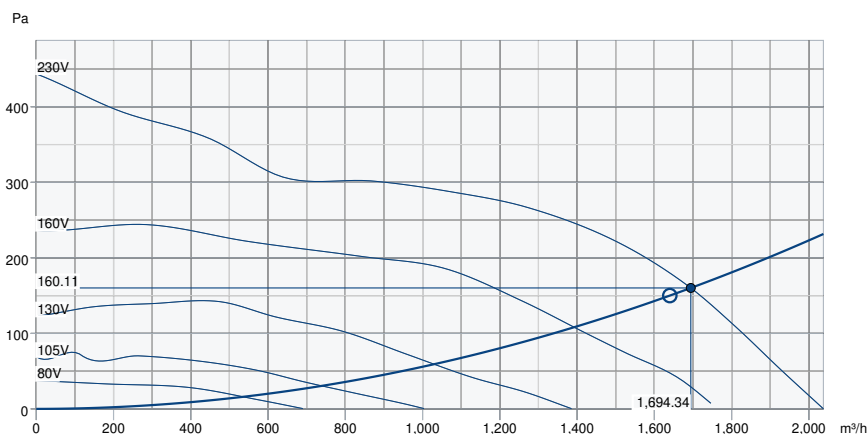
Duct dimension; Circular, inlet	250	mm
Duct dimension; Circular, outlet	250	mm
Weight	5.551	kg

Others

Duct connection type	Circular
Motor type	AC

Performance

Performance curve

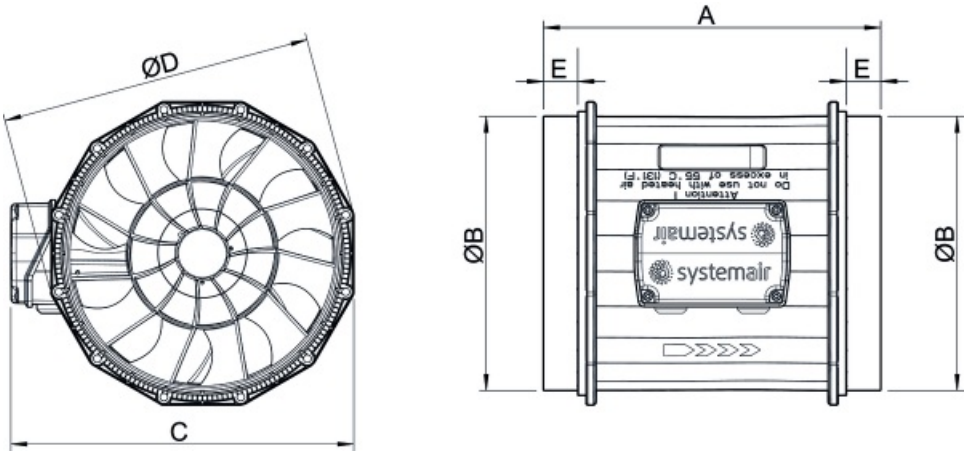


Hydraulic data

Required air flow	1,640 m³/h
Required static pressure	150 Pa
Working air flow	1,694 m³/h
Working static pressure	160 Pa
Air density	1.204 kg/m³
Power	200.9 W
Fan control - RPM	2,680 rpm
Current	0.87 A
SFP	0.427 kW/m³/s
Control voltage	230.0 V
Supply voltage	230 V

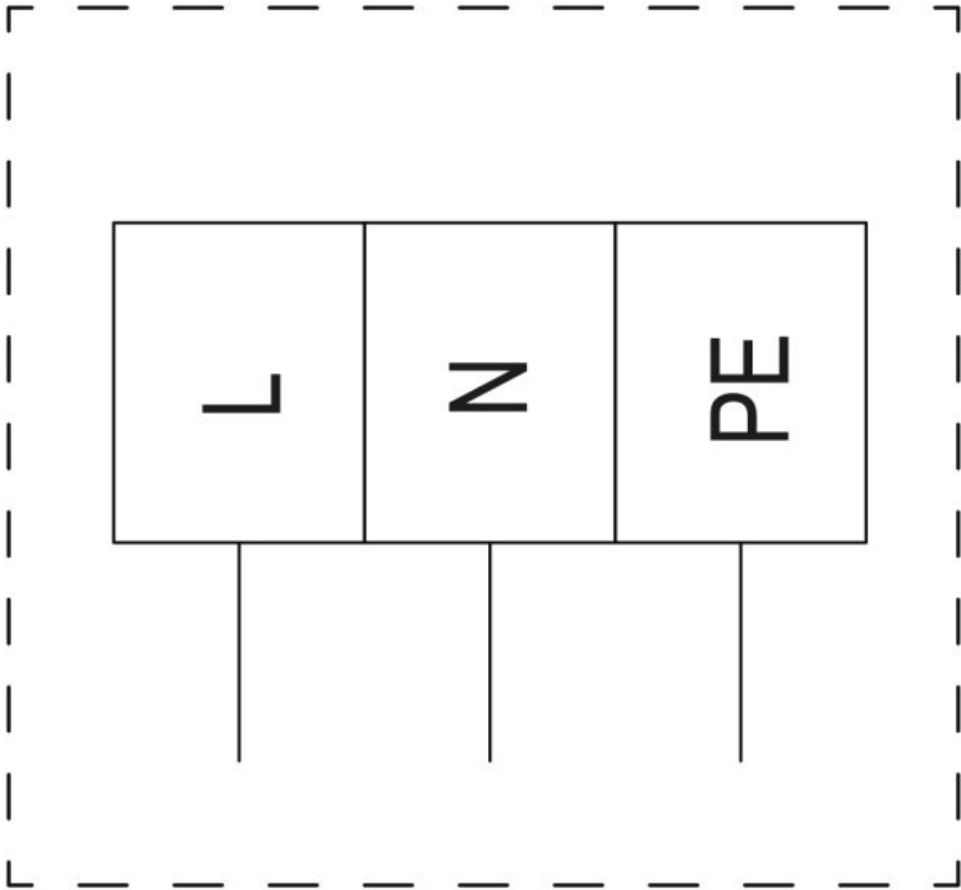
Sound power level		63	125	250	500	1k	2k	4k	8k	Total
Inlet	dB(A)	49	54	65	65	74	72	63	53	77
Outlet	dB(A)	48	60	64	68	74	71	62	53	77
Surrounding	dB(A)	30	29	43	45	56	52	38	23	58
Sound pressure level at 3m (20m² Sabine)	dB(A)	-	-	-	-	-	-	-	-	51
Sound pressure level at 3m free field	dB(A)	-	-	-	-	-	-	-	-	37

Dimension



	A	ØB	C	ØD	E
prio 250	300	249	303	284	30

Wiring



Function / assignment

L	Power supply 230V AC, 50...60Hz
N	Neutral conductor
PE	Protective conductor
Speed control:	Voltage controllable (See accessories in ouronline catalogue)
Motor protection:	By integratet thermal contacts

