



AIRTREND Limited  
Predstavništvo u Beogradu  
Kumanovska 14, 11000 Beograd  
Tel: 011/3836886, 3085740  
Faks: 011/3444113  
e-mail: [gobrid@eunet.rs](mailto:gobrid@eunet.rs)  
web: [www.airtrend.rs](http://www.airtrend.rs)

ENERGY EFFICIENT VENTILATION

Östberg is one of the leading producers of radial fans in the world. In the early 1970s, the founder and owner of the company designed the first circular and rectangular in-line radial duct fans in history with external rotor motors and straight-through airflow (180°). We have continued to develop new products and today offer a wide product range of centrifugal in-line duct fans, roof fans, wall fans and energy recovery units. Our goal is to always offer the highest-quality products at competitive prices. The company is certified according to the quality and environment standards ISO 9001 and ISO 14001. These high demands guarantee an efficient and rational production of high-standard fans. All our fans are tested before delivery, which gives us 100% control of production. Air quality directly affects the way we feel, not only physically but also mentally. Therefore use high-quality products from Östberg in order to achieve a healthy indoor climate with energy-efficient ventilation.

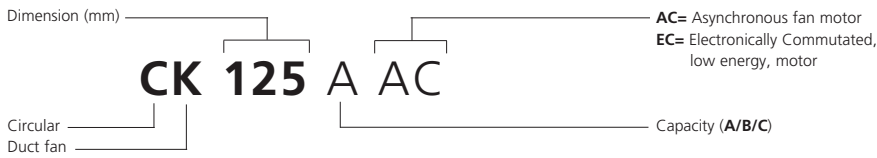


The following two symbols are used in this catalogue:

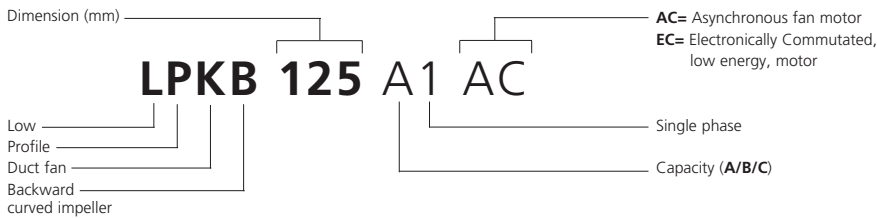


Products marked with the AC and EC symbols are approved for use in the EU, EFTA & EEA countries.

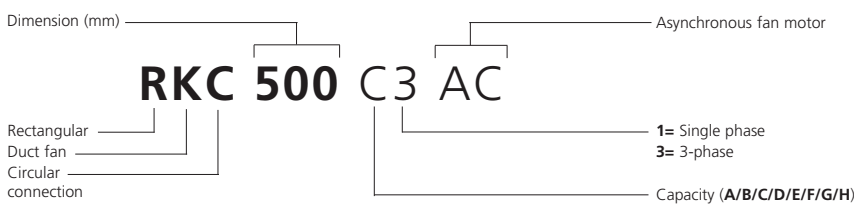
## UNINSULATED



**CK** ..... 8  
The CK has proven performance and reliability. It is compact with high capacity and efficiency with low sound levels.  
CK is available with AC or EC motor.  
Airflows up to 1.800 m<sup>3</sup>/h (0.52 m<sup>3</sup>/s).



**LPKB** ..... 36  
The LPKB is a low profile duct fan with circular connection. A very small and useful duct fan which is perfect for spaces with minimum height clearance. Available with one or two connections at the inlet side. It has high capacity and efficiency with low sound levels.  
LPKB is available with AC or EC motor.  
Airflows up to 1.000 m<sup>3</sup>/h (0.28 m<sup>3</sup>/s).



**RKC** ..... 48  
The RKC is a converted RK by using a RK-Kit. Designed to cope with high pressure and long ducts.  
RKC is available with AC motor.  
Airflows up to 9.100 m<sup>3</sup>/h (2.50 m<sup>3</sup>/s).

## SOUND ATTENUATED

**LPKB Silent** ..... 68  
LPKB Silent is almost the same and has the same benefits as the LPKB. But LPKB Silent is equipped with a built in silencer on the inlet side for an even lower sound level.  
LPKB Silent is available with AC or EC motor.  
Airflows up to 1.000 m<sup>3</sup>/h (0.28 m<sup>3</sup>/s).

## INSULATED



**IRB** ..... 80  
The IRB, equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air. Designed for high pressure and long, complicated duct runs.  
IRB is available with AC or EC motor.  
Airflows up to 10.800 m<sup>3</sup>/h (3.00 m<sup>3</sup>/s).



**IRE** ..... 116  
The IRE, equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air. Designed for high pressure and long, complicated duct runs.  
IRE is available with AC motor.  
Airflows up to 8.200 m<sup>3</sup>/h (2.28 m<sup>3</sup>/s).

**CAU** ..... 140  
**IFA** ..... 144  
**IFK** ..... 148  
These three types have multiple inlets.  
All three types are available with AC motor.

# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## CK 100 A AC



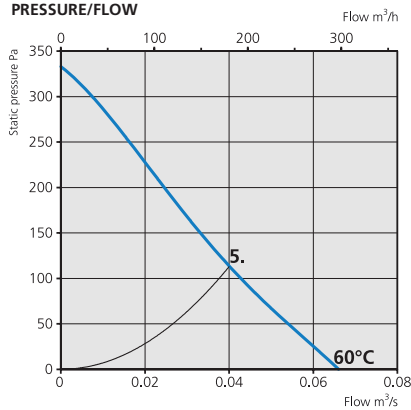
- Duct fan with circular connection.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.

- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

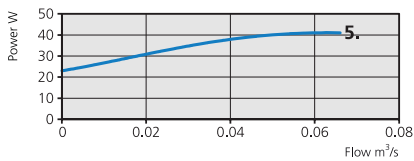
### ACCESSORIES

- Mounting bracket-kit, MB
- Mounting clamp, MK 100, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 100
- Backdraught shutters, RSK 100
- Louvre shutters, VK 10
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

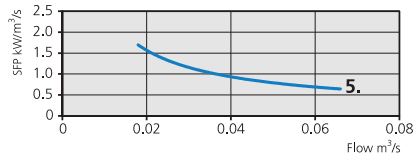
### PRESSURE/FLOW



### POWER/FLOW



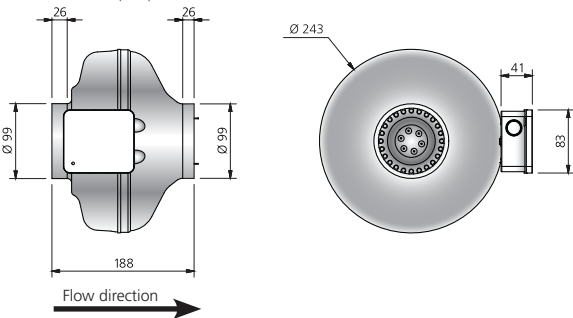
### SFP



### TRANSFORMER STEPS

1. 80V
2. 110V
3. 135V
4. 165V
5. 230V

### DIMENSIONS (mm)



### TECHNICAL DATA

CK 100 A AC	Art.no. 7000030
Voltage	230/50 V/Hz
Voltage range	220-240 / 50/60 V/Hz
Phase	1 ~
Current	0.18 A
Power	41 W
Speed	1730 rpm
Capacitor	3 µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	36 dB(A)
Weight	2.6 kg
Wiring diagram	4040002

### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	36	43	35	21	33	35	39	37	37	31
5. Outlet 230V		67	44	56	64	60	58	53	45	38
5. Inlet 230V		66	45	56	64	60	58	52	45	38



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS



## CK 100 C AC

### ACCESSORIES

- Mounting bracket-kit, MB
- Mounting clamp, MK 100, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 100
- Backdraught shutters, RSK 100
- Louvre shutters, VK 10
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

- Duct fan with circular connection.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.

- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

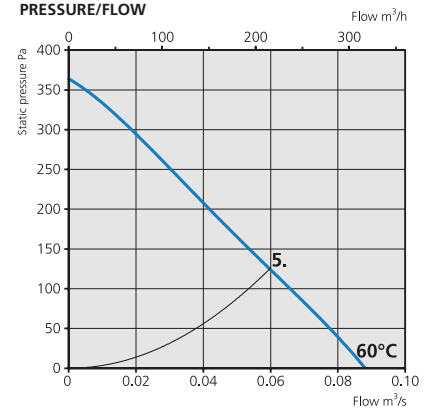
### TECHNICAL DATA

CK 100 C AC	Art.no. 7000034
Voltage	230/50 V/Hz
Voltage range	220-240 / 50/60 V/Hz
Phase	1 ~
Current	0.27 A
Power	62 W
Speed	2530 rpm
Capacitor	2 µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	42 dB(A)
Weight	2.6 kg
Wiring diagram	4040001

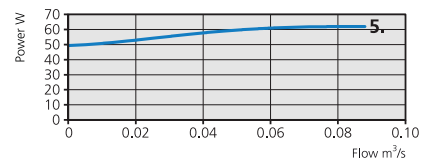
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	42	49	34	23	40	40	44	42	44	38
5. Outlet 230V		72	48	65	66	65	65	61	55	48
5. Inlet 230V		70	50	61	66	65	65	59	52	46

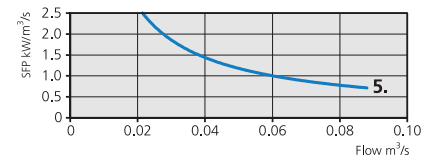
### PRESSURE/FLOW



### POWER/FLOW



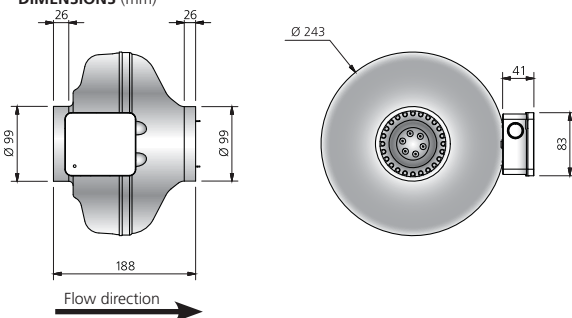
### SFP



### TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## CK 125 A AC



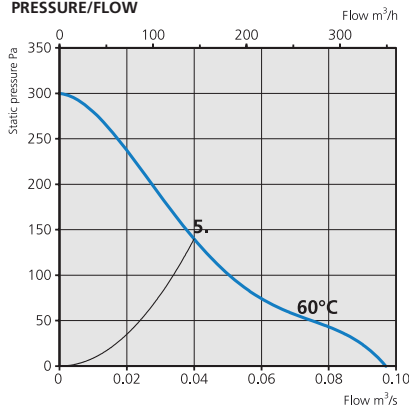
- Duct fan with circular connection.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.

- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

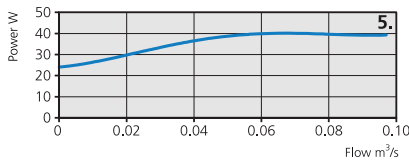
### ACCESSORIES

- Mounting bracket-kit, MB
- Mounting clamp, MK 125, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 125
- Backdraught shutters, RSK 125
- Louvre shutters, VK 12
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

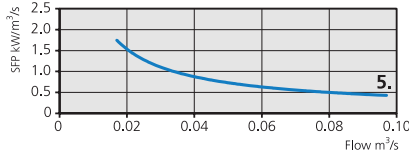
### PRESSURE/FLOW



### POWER/FLOW



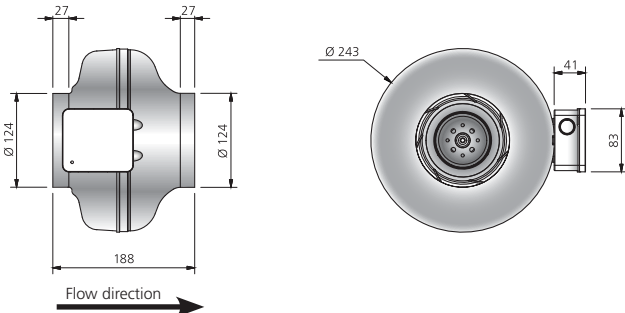
### SFP



### TRANSFORMER STEPS

1. 80V
2. 110V
3. 135V
4. 165V
5. 230V

### DIMENSIONS (mm)



### TECHNICAL DATA

CK 125 A AC	Art.no. 7000037
Voltage	230/50 V/Hz
Voltage range	220-240 / 50/60 V/Hz
Phase	1 ~
Current	0.18 A
Power	40 W
Speed	1640 rpm
Capacitor	3 µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	36 dB(A)
Weight	2.7 kg
Wiring diagram	4040002

### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	36	43	35	20	35	34	38	38	36	30
5. Outlet 230V		68	43	51	66	60	57	53	47	39
5. Inlet 230V		67	44	51	66	60	56	52	47	39



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS



## CK 125 C AC

### ACCESSORIES

- Mounting bracket-kit, MB
- Mounting clamp, MK 125, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 125
- Backdraught shutters, RSK 125
- Louvre shutters, VK 12
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

- Duct fan with circular connection.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.

- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

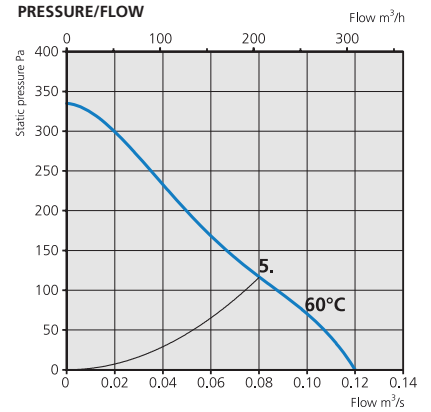
### TECHNICAL DATA

CK 125 C AC	Art.no. 7000040
Voltage	230/50 V/Hz
Voltage range	220-240 / 50/60 V/Hz
Phase	1 ~
Current	0.27 A
Power	62 W
Speed	2480 rpm
Capacitor	2 µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	42 dB(A)
Weight	2.7 kg
Wiring diagram	4040001

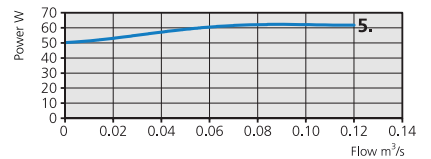
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	42	49	36	25	39	39	44	43	45	36
5. Outlet 230V		71	46	60	62	68	64	61	57	50
5. Inlet 230V		70	49	55	64	67	64	60	55	48

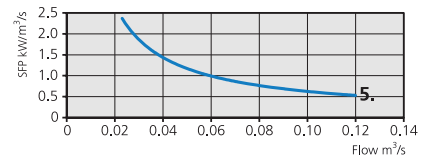
### PRESSURE/FLOW



### POWER/FLOW



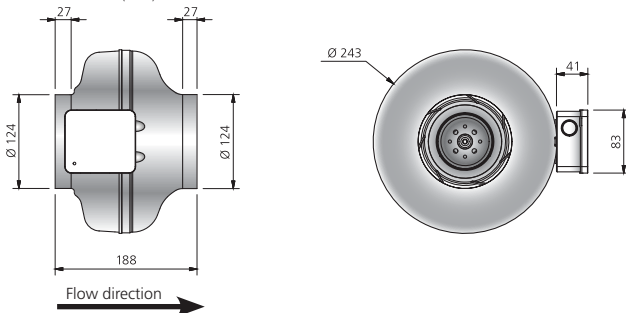
### SFP



### TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## CK 150 B AC



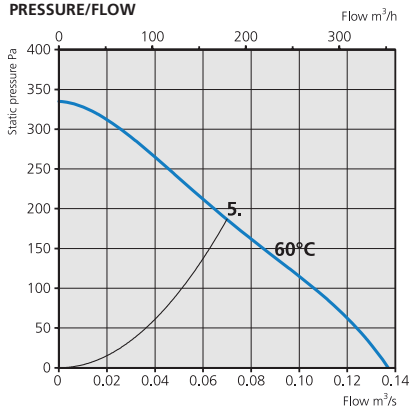
- Duct fan with circular connection.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.

- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

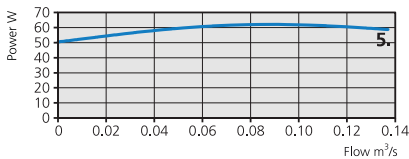
### ACCESSORIES

- Mounting bracket-kit, MB
- Mounting clamp, MK 150, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 150
- Backdraught shutters, RSK 150
- Louvre shutters, VK 15/16
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

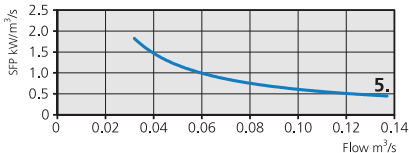
### PRESSURE/FLOW



### POWER/FLOW



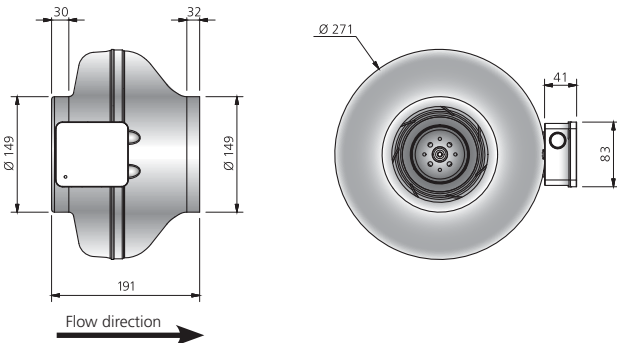
### SFP



### TRANSFORMER STEPS

1. 80V    2. 110V    3. 135V    4. 165V    5. 230V

### DIMENSIONS (mm)



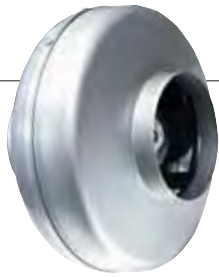
### TECHNICAL DATA

CK 150 B AC	Art.no. 7000043
Voltage	230/50 V/Hz
Voltage range	220-240 / 50/60 V/Hz
Phase	1 ~
Current	0.27 A
Power	62 W
Speed	2540 rpm
Capacitor	2 µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	42 dB(A)
Weight	3.0 kg
Wiring diagram	4040001

### SOUND DATA

	L <sub>pA</sub>	L <sub>wA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	42	49	35	24	39	40	45	44	44	32
5. Outlet 230V		69	47	55	61	63	63	59	58	49
5. Inlet 230V		69	48	54	64	65	63	58	53	48





# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## CK 150 C AC



### ACCESSORIES

- Mounting bracket-kit, MB
- Mounting clamp, MK 150, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 150
- Backdraught shutters, RSK 150
- Louvre shutters, VK 15/16
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

- Duct fan with circular connection.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.

- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

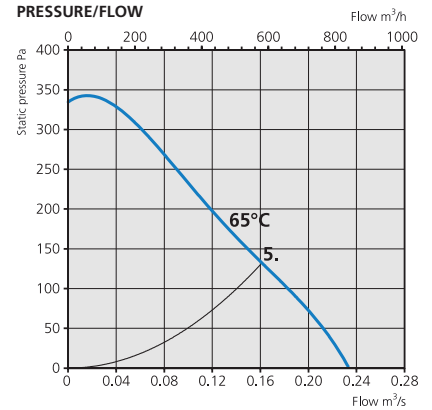
### TECHNICAL DATA

CK 150 C AC	Art.no. 7000045
Voltage	230/50 V/Hz
Voltage range	220-240 / 50/60 V/Hz
Phase	1 ~
Current	0.44 A
Power	101 W
Speed	2480 rpm
Capacitor	3 µF
Max. temperature of transported air	65 °C
Max. temperature of transported air when speed controlled	65 °C
Sound pressure level at 3 m	49 dB(A)
Weight	4.0 kg
Wiring diagram	4040001

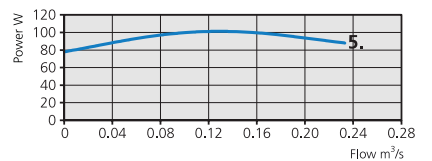
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	49	56	35	34	42	49	54	47	48	35
5. Outlet 230V		74	51	60	64	68	69	64	64	54
5. Inlet 230V		73	52	60	64	68	69	64	64	54

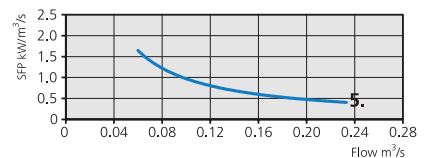
### PRESSURE/FLOW



### POWER/FLOW



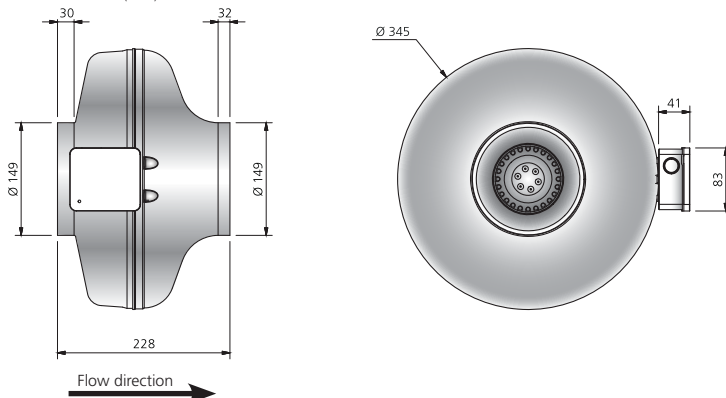
### SFP



### TRANSFORMER STEPS

1. 80V    2. 110V    3. 135V    4. 165V    5. 230V

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## CK 160 B AC



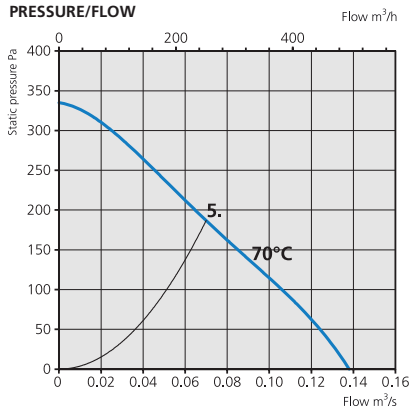
- Duct fan with circular connection.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.

- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

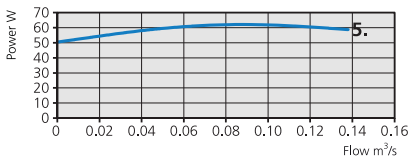
### ACCESSORIES

- Mounting bracket-kit, MB
- Mounting clamp, MK 160, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 160
- Backdraught shutters, RSK 160
- Louvre shutters, VK 15/16
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

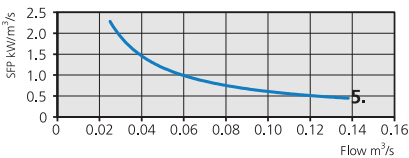
### PRESSURE/FLOW



### POWER/FLOW



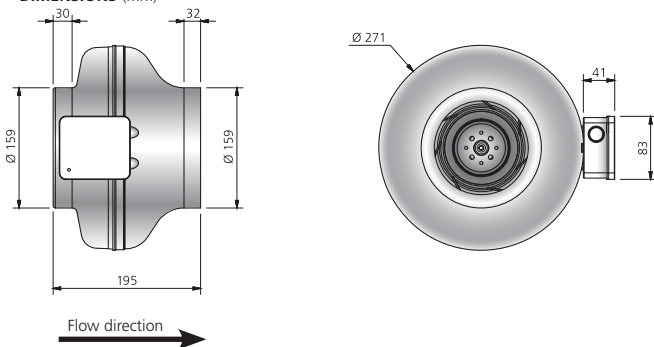
### SFP



### TRANSFORMER STEPS

1. 80V
2. 110V
3. 135V
4. 165V
5. 230V

### DIMENSIONS (mm)

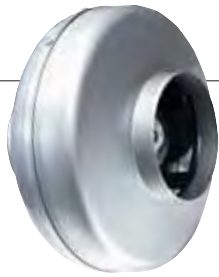


### TECHNICAL DATA

CK 160 B AC	Art.no. 7000048
Voltage	230/50 V/Hz
Voltage range	220-240 / 50/60 V/Hz
Phase	1 ~
Current	0.27 A
Power	62 W
Speed	2540 rpm
Capacitor	2 µF
Max. temperature of transported air	70 C°
Max. temperature of transported air when speed controlled	70 C°
Sound pressure level at 3 m	42 dB(A)
Weight	2.9 kg
Wiring diagram	4040001

### SOUND DATA

	L <sub>pA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	42	49	35	24	39	40	45	44	44	32
5. Outlet 230V		69	47	55	61	63	63	59	58	49
5. Inlet 230V		69	48	54	64	65	63	58	53	48



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## CK 160 C AC



### ACCESSORIES

- Mounting bracket-kit, MB
- Mounting clamp, MK 160, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 160
- Backdraught shutters, RSK 160
- Louvre shutters, VK 15/16
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

- Duct fan with circular connection.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.

- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

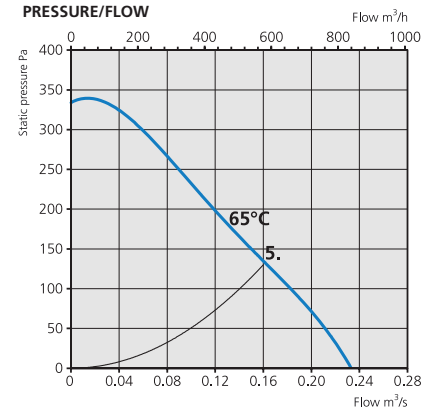
### TECHNICAL DATA

CK 160 C AC	Art.no. 7000050
Voltage	230/50 V/Hz
Voltage range	220-240 / 50/60 V/Hz
Phase	1 ~
Current	0.44 A
Power	101 W
Speed	2480 rpm
Capacitor	3 µF
Max. temperature of transported air	65 °C
Max. temperature of transported air when speed controlled	65 °C
Sound pressure level at 3 m	49 dB(A)
Weight	4.0 kg
Wiring diagram	4040001

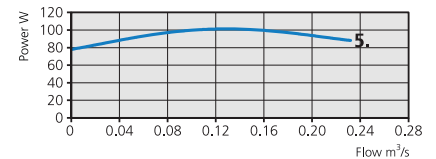
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	49	56	35	34	42	49	54	47	48	35
5. Outlet 230V		74	51	60	64	68	69	64	64	54
5. Inlet 230V		73	52	60	64	68	69	64	64	54

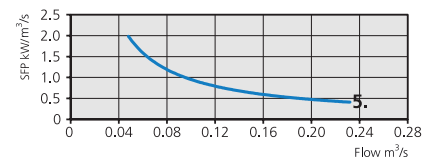
### PRESSURE/FLOW



### POWER/FLOW



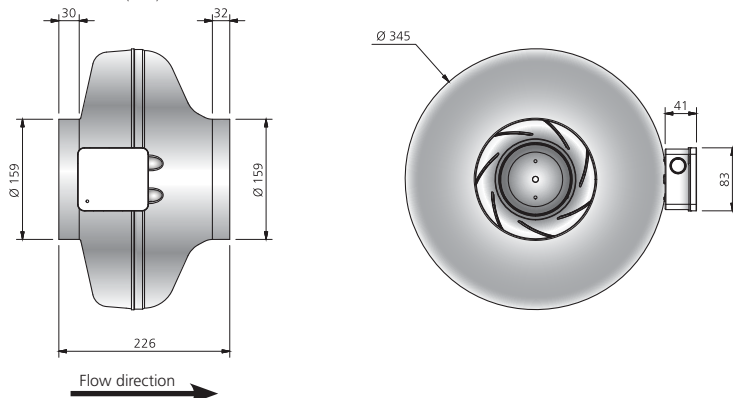
### SFP



### TRANSFORMER STEPS

1. 80V
2. 110V
3. 135V
4. 165V
5. 230V

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## CK 200 A AC



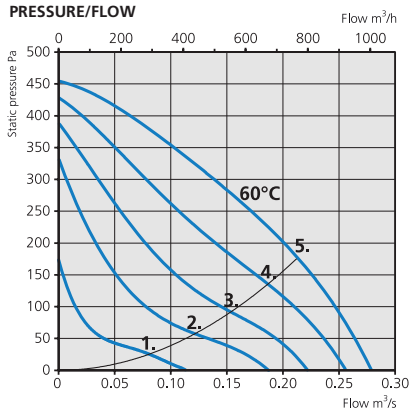
- Duct fan with circular connection.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.

- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

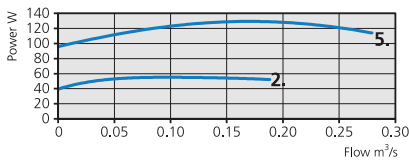
### ACCESSORIES

- Mounting bracket-kit, MB
- Mounting clamp, MK 200, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 200
- Backdraught shutters, RSK 200
- Louvre shutters, VK 20
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 1.0

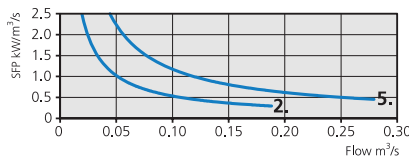
### PRESSURE/FLOW



### POWER/FLOW



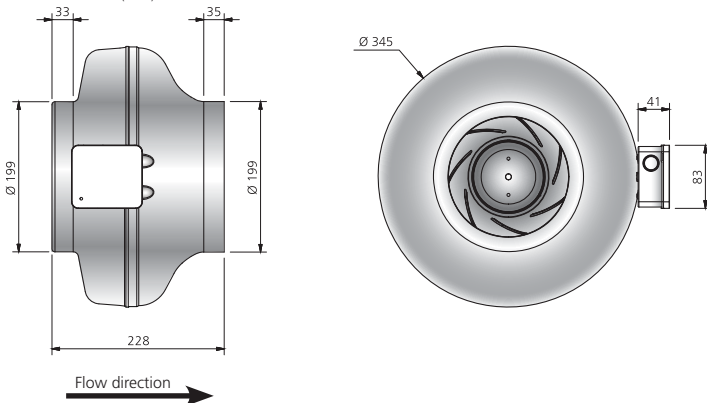
### SFP



### TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

### DIMENSIONS (mm)



### TECHNICAL DATA

CK 200 A AC	Art.no. 7000053
Voltage	230/50 V/Hz
Voltage range	220-240 / 50/60 V/Hz
Phase	1 ~
Current	0.57 A
Power	129 W
Speed	2630 rpm
Capacitor	4 µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	45 dB(A)
Weight	4.2 kg
Wiring diagram	4040001

### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	45	52	29	33	44	48	44	42	41	31
5. Outlet 230V		75	59	62	69	69	65	67	68	58
5. Inlet 230V		74	54	61	68	69	64	66	64	56
4. Inlet 165V		71	51	59	66	66	60	63	60	51
3. Inlet 135V		67	48	57	61	61	55	59	54	43
2. Inlet 110V		62	43	53	55	55	49	58	41	34
1. Inlet 80V		50	34	46	44	43	39	33	24	18



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS



## CK 200 B ErP AC

### ACCESSORIES

- Mounting bracket-kit, MB
- Mounting clamp, MK 200, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 200
- Backdraught shutters, RSK 200
- Louvre shutters, VK 20
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 1.0

- Duct fan with circular connection.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.

- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

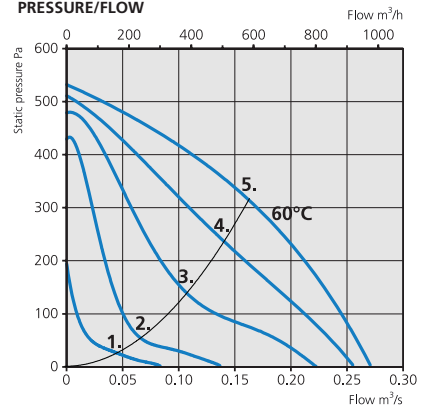
### TECHNICAL DATA

CK 200 B ErP AC	Art.no. 7000057
Voltage	230/50 V/Hz
Voltage range	220-240 / 50/60 V/Hz
Phase	1 ~
Current	0.63 A
Power	145 W
Speed	2750 rpm
Capacitor	5 µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	45 dB(A)
Weight	4.9 kg
Wiring diagram	4040001

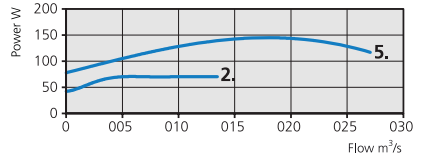
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	45	52	27	34	41	46	48	44	44	35
5. Outlet 230V		75	58	60	69	69	67	66	64	59
5. Inlet 230V		74	55	62	67	69	66	63	62	57
4. Inlet 165V		70	51	59	64	64	61	59	58	49
3. Inlet 135V		61	45	53	56	56	52	51	45	35
2. Inlet 110V		51	37	47	45	45	42	34	25	18
1. Inlet 80V		47	39	45	38	36	30	18	12	13

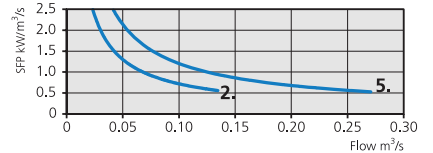
### PRESSURE/FLOW



### POWER/FLOW



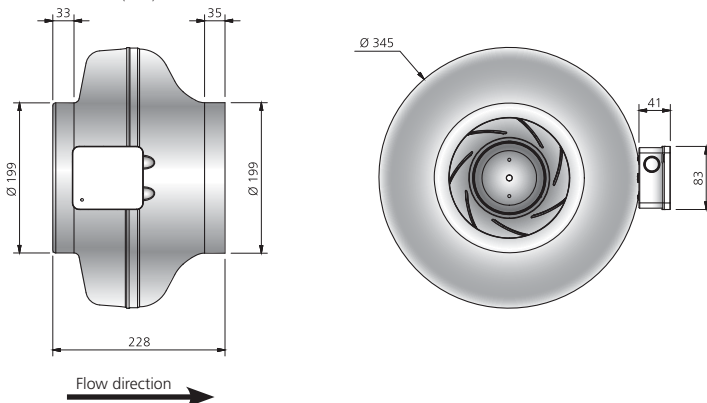
### SFP



### TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## CK 250 A AC



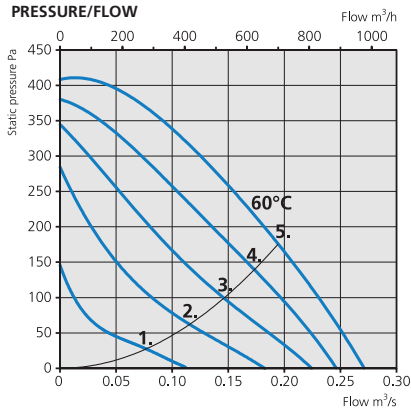
- Duct fan with circular connection.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.

- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

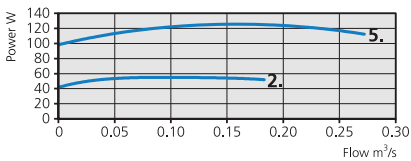
### ACCESSORIES

- Mounting bracket-kit, MB
- Mounting clamp, MK 250, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 250
- Backdraught shutters, RSK 250
- Louvre shutters, VK 25
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 1.0

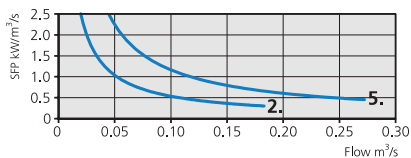
### PRESSURE/FLOW



### POWER/FLOW



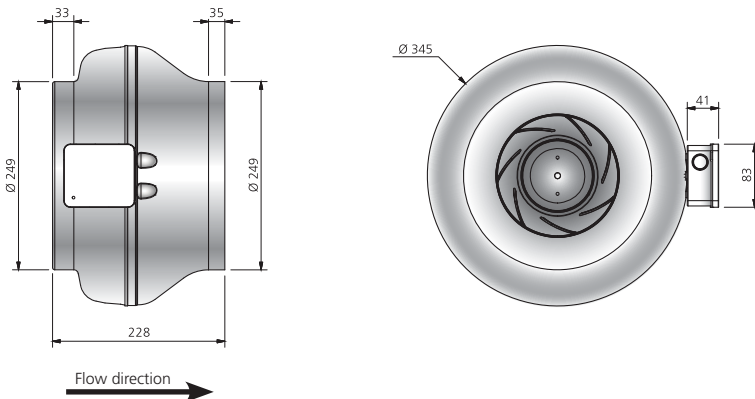
### SFP



### TRANSFORMER STEPS

1. 80V    2. 110V    3. 135V    4. 165V    5. 230V

### DIMENSIONS (mm)



### TECHNICAL DATA

<b>CK 250 A AC</b>	<b>Art.no. 7000059</b>
<b>Voltage</b>	230/50 V/Hz
<b>Voltage range</b>	220-240 / 50/60 V/Hz
<b>Phase</b>	1 ~
<b>Current</b>	0.56 A
<b>Power</b>	126 W
<b>Speed</b>	2650 rpm
<b>Capacitor</b>	4 µF
<b>Max. temperature of transported air</b>	60 C°
<b>Max. temperature of transported air when speed controlled</b>	60 C°
<b>Sound pressure level at 3 m</b>	43 dB(A)
<b>Weight</b>	4.3 kg
<b>Wiring diagram</b>	4040001

### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
<b>5. Surrounding 230V</b>	43	50	25	30	43	46	43	37	36	29
<b>5. Outlet 230V</b>		76	55	59	68	65	70	72	68	59
<b>5. Inlet 230V</b>		75	53	63	68	67	69	68	66	57
<b>4. Inlet 165V</b>		72	51	60	66	64	67	65	62	53
<b>3. Inlet 135V</b>		69	49	58	61	60	64	62	58	47
<b>2. Inlet 110V</b>		64	48	53	55	54	59	58	45	36
<b>1. Inlet 80V</b>		51	39	42	43	44	47	38	27	17



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS



## CK 250 B ErP AC

### ACCESSORIES

- Mounting bracket-kit, MB
- Mounting clamp, MK 250, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 250
- Backdraught shutters, RSK 250
- Louvre shutters, VK 25
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 1.0

- Duct fan with circular connection.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.

- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

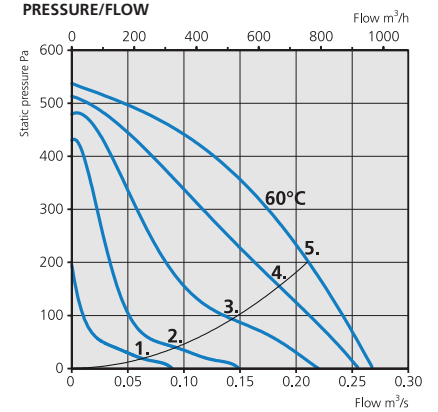
### TECHNICAL DATA

CK 250 B ErP AC	Art.no. 7000066
Voltage	230/50 V/Hz
Voltage range	220-240 / 50/60 V/Hz
Phase	1 ~
Current	0.63 A
Power	145 W
Speed	2750 rpm
Capacitor	5 µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	46 dB(A)
Weight	4.9 kg
Wiring diagram	4040001

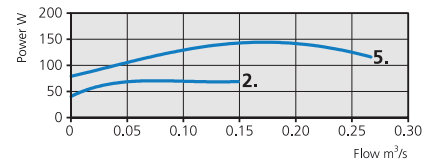
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	46	53	30	31	42	46	49	46	43	38
5. Outlet 230V		76	57	60	71	66	69	67	65	63
5. Inlet 230V		75	55	60	67	67	70	66	64	66
4. Inlet 165V		71	52	58	64	63	65	61	61	60
3. Inlet 135V		64	48	51	56	56	57	55	59	44
2. Inlet 110V		54	41	45	47	46	45	48	38	27
1. Inlet 80V		48	34	39	45	41	36	33	23	20

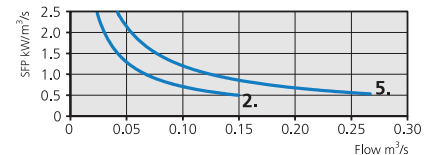
### PRESSURE/FLOW



### POWER/FLOW



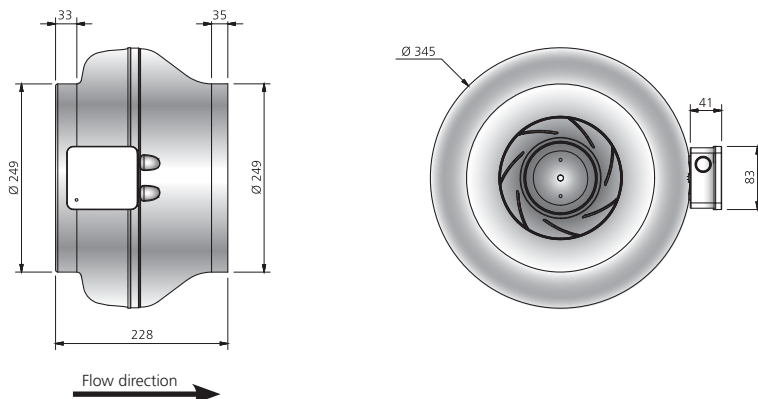
### SFP



### TRANSFORMER STEPS

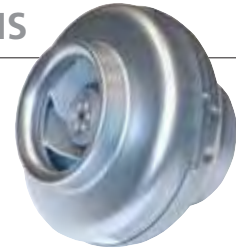
1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## CK 315 B AC



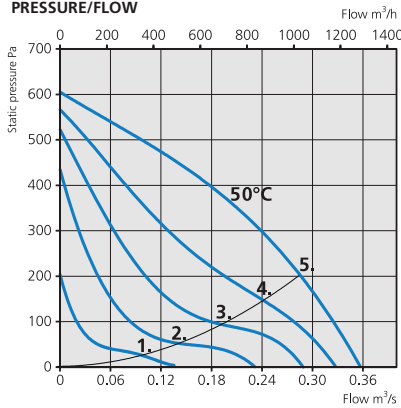
- Duct fan with circular connection.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.

- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.
- This product is not approved for use in the EU, EFTA or EEA countries.

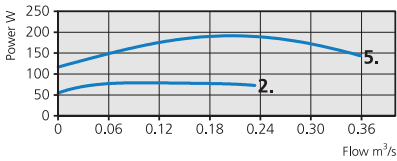
### ACCESSORIES

- Mounting bracket-kit, MB
- Mounting clamp, MK 315, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 315
- Backdraught shutters, RSK 315
- Louvre shutters, VK 35
- Transformer VRDE 1.5, VRTE 1
- Electronic speed controller, VRS 1.0

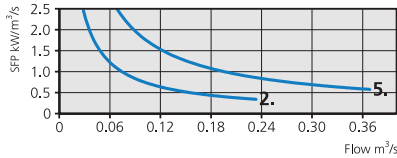
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

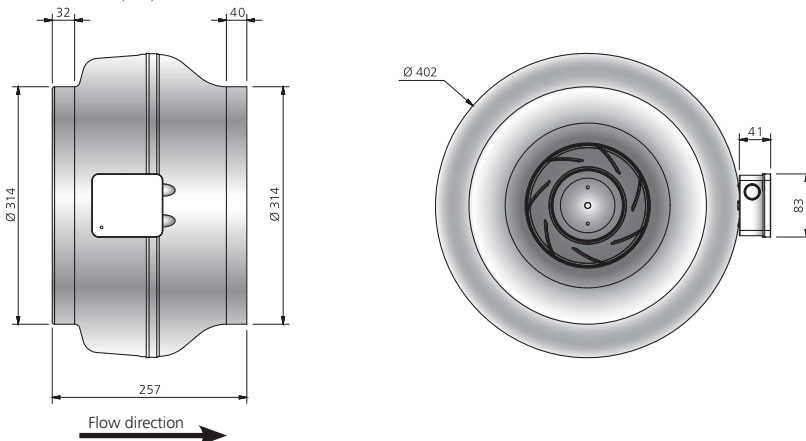
### TECHNICAL DATA

CK 315 B AC	Art.no. 7000067
Voltage	230/50 V/Hz
Voltage range	220-240 / 50/60 V/Hz
Phase	1 ~
Current	0.84 A
Power	190 W
Speed	2465 rpm
Capacitor	5 $\mu$ F
Max. temperature of transported air	50 C°
Max. temperature of transported air when speed controlled	50 C°
Sound pressure level at 3 m	46 dB(A)
Weight	5.8 kg
Wiring diagram	4040001

### SOUND DATA

	$L_{pA}$	$L_{wA}$ tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	46	53	30	44	41	48	44	45	43	34
5. Outlet 230V		77	57	58	73	65	66	69	69	64
5. Inlet 230V		74	53	56	61	62	63	69	69	65
4. Inlet 165V		70	50	53	59	58	60	66	64	61
3. Inlet 135V		66	46	49	53	54	55	62	60	48
2. Inlet 110V		60	41	48	46	47	49	54	57	33
1. Inlet 80V		48	34	39	38	38	44	42	26	18

### DIMENSIONS (mm)







# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## CK 315 C AC

### ACCESSORIES

- Mounting bracket-kit, MB
- Mounting clamp, MK 315, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 315
- Backdraught shutters, RSK 315
- Louvre shutters, VK 35
- Transformer VRDE 1.5, VRTE 1

- Duct fan with circular connection.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.

- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.
- This product is not approved for use in the EU, EFTA or EEA countries.

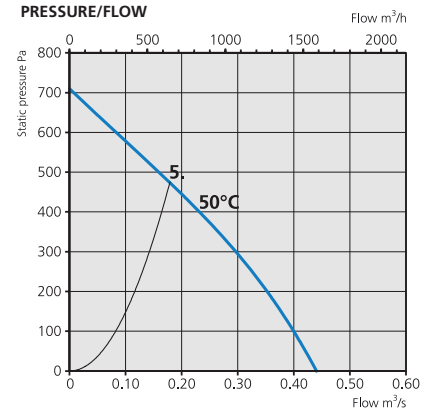
### TECHNICAL DATA

CK 315 C AC	Art.no. 7000071
Voltage	230/50 V/Hz
Voltage range	220-240 / 50 V/Hz
Phase	1 ~
Current	1.19 A
Power	274 W
Speed	2500 rpm
Capacitor	8 µF
Max. temperature of transported air	50 C°
Max. temperature of transported air when speed controlled	50 C°
Sound pressure level at 3 m	50 dB(A)
Weight	6.2 kg
Wiring diagram	4040001

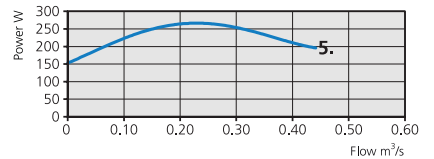
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	50	57	30	35	44	51	51	53	50	43
5. Outlet 230V		77	53	59	67	69	70	72	67	65
5. Inlet 230V		75	58	60	67	66	66	72	68	66

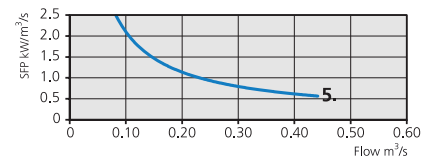
### PRESSURE/FLOW



### POWER/FLOW



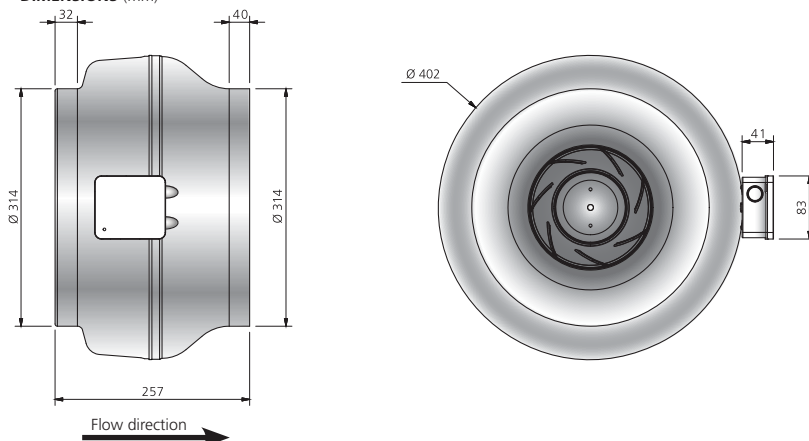
### SFP



### TRANSFORMER STEPS

1. 80V
2. 110V
3. 135V
4. 165V
5. 230V

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## CK 315 C ErP AC



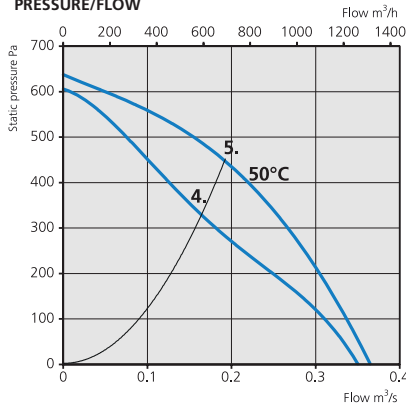
- Duct fan with circular connection.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.

- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

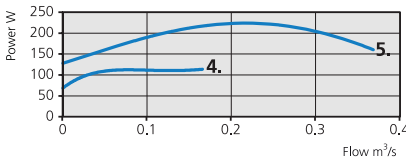
### ACCESSORIES

- Mounting bracket-kit, MB
- Mounting clamp, MK 315, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 315
- Backdraught shutters, RSK 315
- Louvre shutters, VK 35
- Transformer VRDE 1.5, VRTE 1

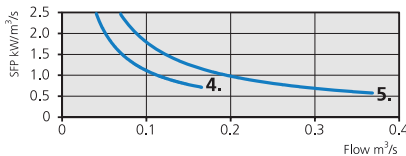
### PRESSURE/FLOW



### POWER/FLOW



### SFP

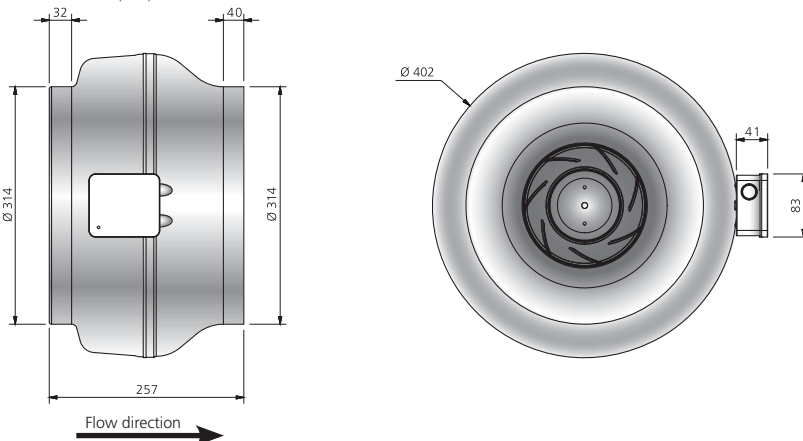


### TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

This product cannot be speed controlled below 165 V.

### DIMENSIONS (mm)



### TECHNICAL DATA

CK 315 C ErP AC	Art.no. 7000072
Voltage	230/50 V/Hz
Voltage range	220-240 / 50/60 V/Hz
Phase	1 ~
Current	0.97 A
Power	224 W
Speed	2770 rpm
Capacitor	6 µF
Max. temperature of transported air	50 C°
Max. temperature of transported air when speed controlled	50 C°
Sound pressure level at 3 m	48 dB(A)
Weight	5.9 kg
Wiring diagram	4040001

### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	48	55	26	44	46	47	46	49	49	38
5. Outlet 230V		78	60	61	71	66	68	71	72	66
5. Inlet 230V		77	53	61	66	65	67	71	72	68
4. Inlet 165V		74	52	56	62	62	65	68	68	66



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## CK 100 C EC



### ACCESSORIES

- Mounting bracket-kit, MB
- Mounting clamp, MK 100, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 100
- Backdraught shutters, RSK 100
- Louvre shutters, VK 10
- Speed controller, MS EC
- Pressure regulator

- Duct fan with circular connection.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

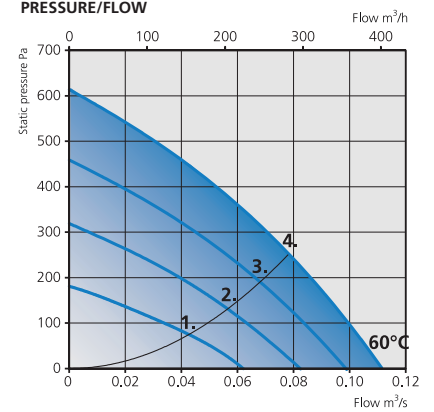
### TECHNICAL DATA

CK 100 C EC	Art.no. 7001100
Voltage	230/50 V/Hz
Voltage range	200-240 / 50/60 V/Hz
Phase	1 ~
Current	0.90 A
Power	111 W
Speed	3600 rpm
Capacitor	- µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	46 dB(A)
Weight	2.6 kg
Wiring diagram	4040180

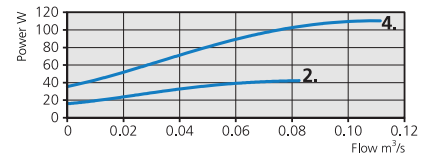
### SOUND DATA

	L <sub>pA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	46	53	28	34	44	45	49	45	45	35
4. Outlet 10V		81	65	70	76	74	72	72	68	62
4. Inlet 10V		80	57	72	74	75	72	67	65	59
3. Inlet 8.5V		77	56	70	71	72	68	63	61	54
2. Inlet 7V		73	54	67	66	67	62	59	56	48
1. Inlet 5V		65	48	60	59	59	54	51	46	38

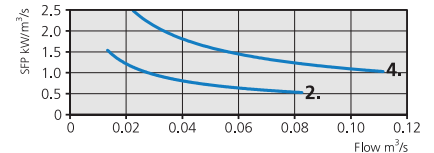
### PRESSURE/FLOW



### POWER/FLOW



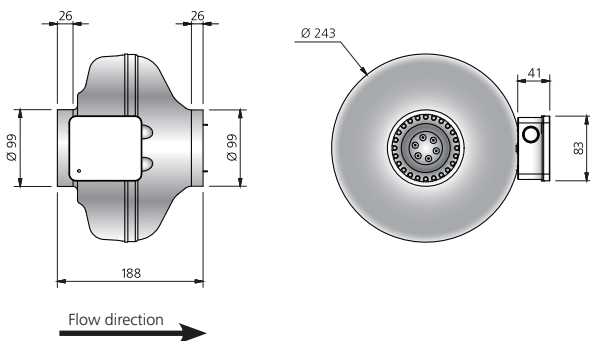
### SFP



### VOLTAGE STEPS

1. 5V    2. 7V    3. 8.5V    4. 10V

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## CK 125 C EC



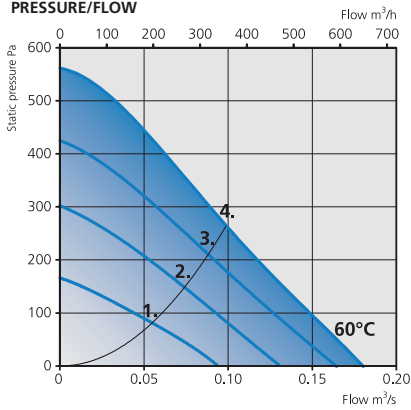
- Duct fan with circular connection.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

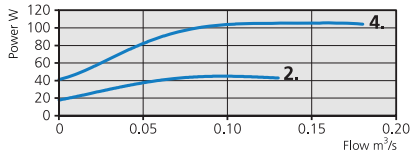
### ACCESSORIES

- Mounting bracket-kit, MB
- Mounting clamp, MK 125, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 125
- Backdraught shutters, RSK 125
- Louvre shutters, VK 12
- Speed controller, MS EC
- Pressure regulator

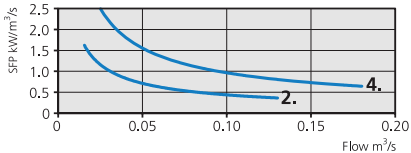
### PRESSURE/FLOW



### POWER/FLOW



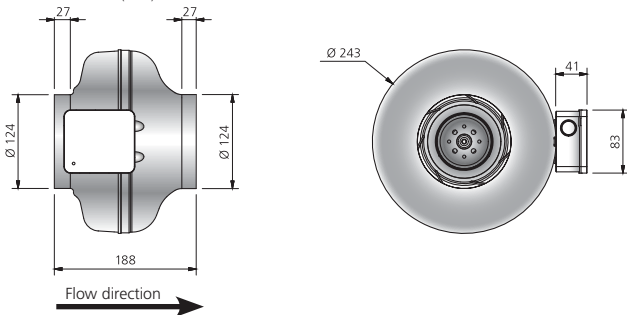
### SFP



### VOLTAGE STEPS

1. 5V    2. 7V    3. 8.5V    4. 10V

### DIMENSIONS (mm)



### TECHNICAL DATA

CK 125 C EC	Art.no. 7001043
<b>Voltage</b>	230/50 V/Hz
<b>Voltage range</b>	200-240 / 50/60 V/Hz
<b>Phase</b>	1 ~
<b>Current</b>	0.87 A
<b>Power</b>	106 W
<b>Speed</b>	3540 rpm
<b>Capacitor</b>	- µF
<b>Max. temperature of transported air</b>	60 C°
<b>Max. temperature of transported air when speed controlled</b>	60 C°
<b>Sound pressure level at 3 m</b>	42 dB(A)
<b>Weight</b>	2.6 kg
<b>Wiring diagram</b>	4040180

### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
<b>4. Surrounding 10V</b>	46	53	36	30	43	44	49	43	46	38
<b>4. Outlet 10V</b>		78	56	66	71	73	71	70	65	60
<b>4. Inlet 10V</b>		79	58	69	73	74	71	68	65	60
<b>3. Inlet 8.5V</b>		75	57	66	69	70	68	64	61	56
<b>2. Inlet 7V</b>		71	53	62	66	66	63	59	56	50
<b>1. Inlet 5V</b>		63	47	56	57	58	55	51	46	39



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## CK 150 B EC



### ACCESSORIES

- Mounting bracket-kit, MB
- Mounting clamp, MK 150, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 150
- Backdraught shutters, RSK 150
- Louvre shutters, VK 15/16
- Speed controller, MS EC
- Pressure regulator

- Duct fan with circular connection.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

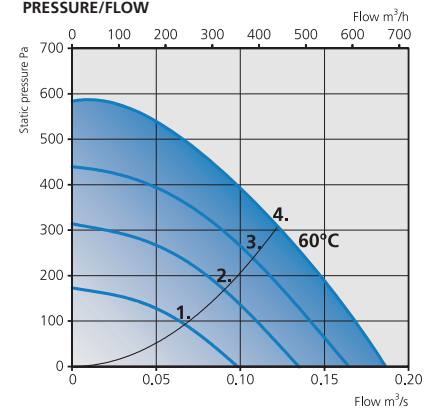
### TECHNICAL DATA

CK 150 B EC	Art.no. 7001044
Voltage	230/50 V/Hz
Voltage range	200-240 / 50/60 V/Hz
Phase	1 ~
Current	0.87 A
Power	108 W
Speed	3550 rpm
Capacitor	- µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	44 dB(A)
Weight	2.8 kg
Wiring diagram	4040180

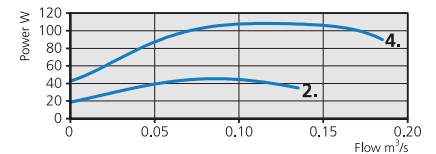
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	44	51	35	37	38	45	45	42	43	34
4. Outlet 10V		77	58	62	67	75	66	66	64	59
4. Inlet 10V		75	55	63	67	72	66	64	62	59
3. Inlet 8.5V		74	53	61	65	72	63	61	60	55
2. Inlet 7V		68	50	58	60	64	58	57	56	49
1. Inlet 5V		62	43	51	58	56	51	51	47	38

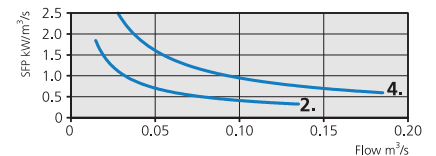
### PRESSURE/FLOW



### POWER/FLOW



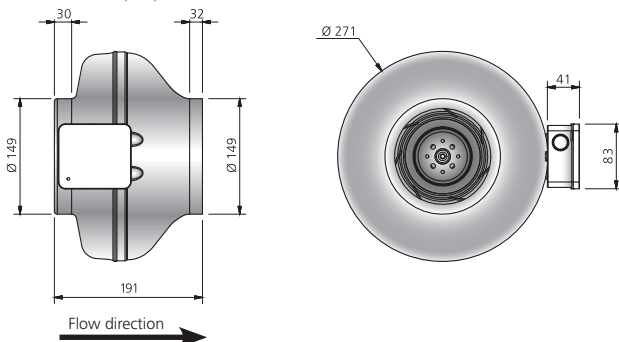
### SFP



### VOLTAGE STEPS

1. 5V    2. 7V    3. 8.5V    4. 10V

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## CK 160 B EC



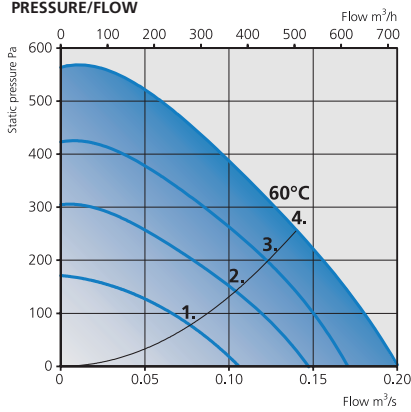
- Duct fan with circular connection.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

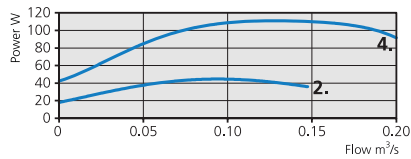
### ACCESSORIES

- Mounting bracket-kit, MB
- Mounting clamp, MK 160, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 160
- Backdraught shutters, RSK 160
- Louvre shutters, VK 15/16
- Speed controller, MS EC
- Pressure regulator

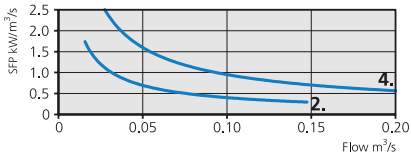
### PRESSURE/FLOW



### POWER/FLOW



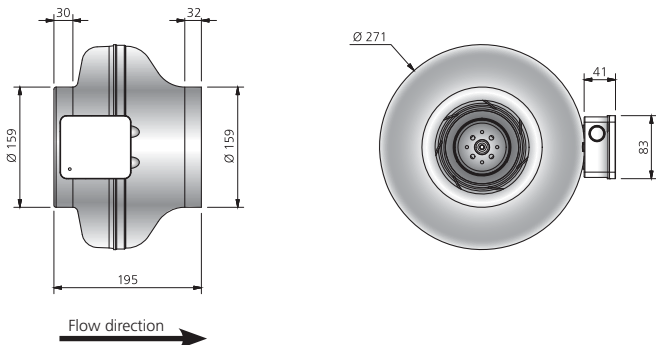
### SFP



### VOLTAGE STEPS

1. 5V    2. 7V    3. 8.5V    4. 10V

### DIMENSIONS (mm)

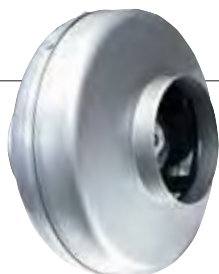


### TECHNICAL DATA

<b>CK 160 B EC</b>	<b>Art.no. 7001045</b>
<b>Voltage</b>	230/50 V/Hz
<b>Voltage range</b>	200-240 / 50/60 V/Hz
<b>Phase</b>	1 ~
<b>Current</b>	0.89 A
<b>Power</b>	110 W
<b>Speed</b>	3600 rpm
<b>Capacitor</b>	- µF
<b>Max. temperature of transported air</b>	60 C°
<b>Max. temperature of transported air when speed controlled</b>	60 C°
<b>Sound pressure level at 3 m</b>	40 dB(A)
<b>Weight</b>	2.8 kg
<b>Wiring diagram</b>	4040180

### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
<b>4. Surrounding 10V</b>	40	47	38	29	38	39	40	42	39	32
<b>4. Outlet 10V</b>		78	60	64	69	74	69	69	67	62
<b>4. Inlet 10V</b>		75	55	64	68	71	68	64	63	60
<b>3. Inlet 8.5V</b>		73	55	62	66	68	65	62	60	56
<b>2. Inlet 7V</b>		68	51	58	61	64	60	58	56	51
<b>1. Inlet 5V</b>		62	44	53	56	56	53	51	46	40



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## CK 160 C EC



### ACCESSORIES

- Mounting bracket-kit, MB
- Mounting clamp, MK 160, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 160
- Backdraught shutters, RSK 160
- Louvre shutters, VK 15/16
- Speed controller, MS EC
- Pressure regulator

- Duct fan with circular connection.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

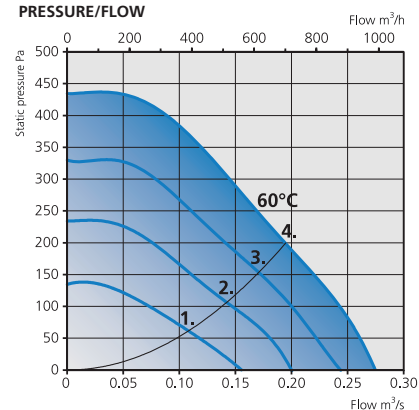
### TECHNICAL DATA

CK 160 C EC	Art.no. 7001046
Voltage	230/50 V/Hz
Voltage range	200-240 / 50/60 V/Hz
Phase	1 ~
Current	0.99 A
Power	121 W
Speed	2900 rpm
Capacitor	- µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	46 dB(A)
Weight	3.9 kg
Wiring diagram	4040180

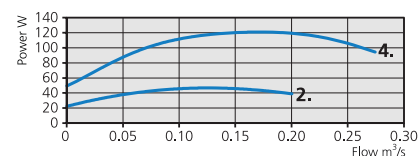
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	46	53	28	29	37	45	48	45	48	38
4. Outlet 10V		76	58	65	69	70	68	68	66	59
4. Inlet 10V		76	56	65	70	72	69	65	65	57
3. Inlet 8.5V		74	53	63	68	70	66	62	62	53
2. Inlet 7V		70	50	61	65	65	61	57	56	47
1. Inlet 5V		63	44	55	58	58	54	51	46	36

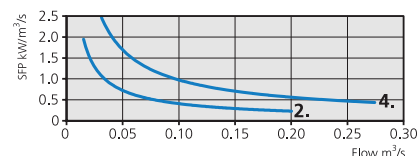
### PRESSURE/FLOW



### POWER/FLOW



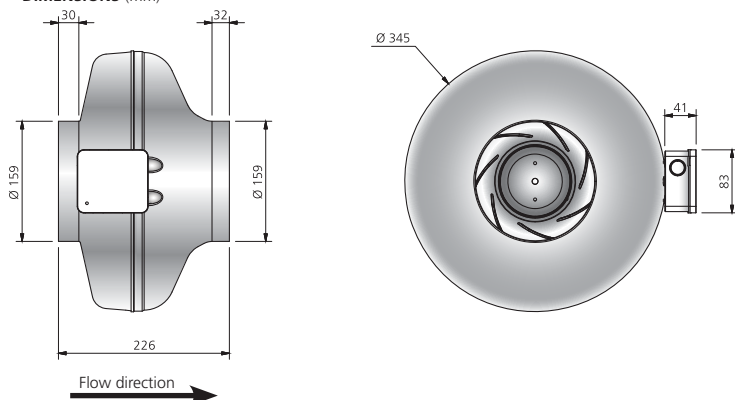
### SFP



### VOLTAGE STEPS

1. 5V    2. 7V    3. 8.5V    4. 10V

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## CK 200 A EC



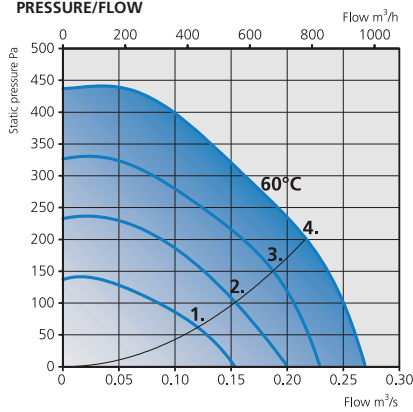
- Duct fan with circular connection.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

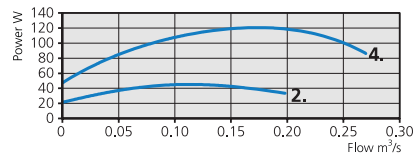
### ACCESSORIES

- Mounting bracket-kit, MB
- Mounting clamp, MK 200, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 200
- Backdraught shutters, RSK 200
- Louvre shutters, VK 20
- Speed controller, MS EC
- Pressure regulator

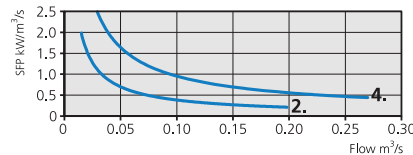
### PRESSURE/FLOW



### POWER/FLOW



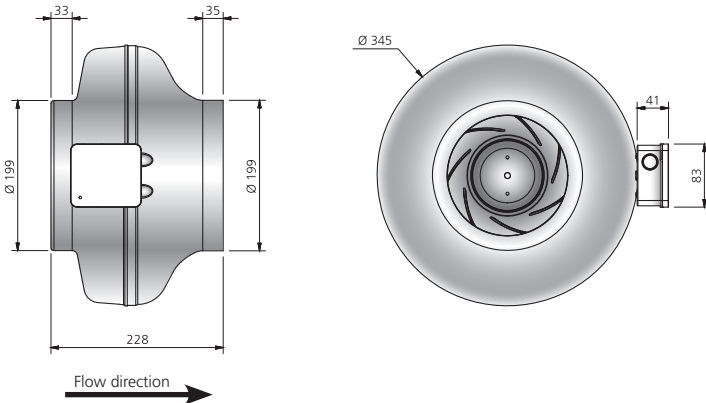
### SFP



### VOLTAGE STEPS

1. 5V    2. 7V    3. 8.5V    4. 10V

### DIMENSIONS (mm)



### TECHNICAL DATA

<b>CK 200 A EC</b>	<b>Art.no. 7001105</b>
<b>Voltage</b>	230/50 V/Hz
<b>Voltage range</b>	200-240 / 50/60 V/Hz
<b>Phase</b>	1 ~
<b>Current</b>	0.97 A
<b>Power</b>	120 W
<b>Speed</b>	2900 rpm
<b>Capacitor</b>	- µF
<b>Max. temperature of transported air</b>	60 C°
<b>Max. temperature of transported air when speed controlled</b>	60 C°
<b>Sound pressure level at 3 m</b>	46 dB(A)
<b>Weight</b>	4.0 kg
<b>Wiring diagram</b>	4040180

### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
<b>4. Surrounding 10V</b>	46	53	22	28	37	50	46	44	43	33
<b>4. Outlet 10V</b>		76	59	62	68	69	66	70	67	59
<b>4. Inlet 10V</b>		75	56	63	67	70	66	67	66	56
<b>3. Inlet 8.5V</b>		72	53	60	65	67	62	64	62	51
<b>2. Inlet 7V</b>		68	50	57	62	63	58	60	57	45
<b>1. Inlet 5V</b>		63	44	53	56	57	51	57	44	35





# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## CK 200 B EC

### ACCESSORIES

- Mounting bracket-kit, MB
- Mounting clamp, MK 200, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 200
- Backdraught shutters, RSK 200
- Louvre shutters, VK 20
- Speed controller, MS EC
- Pressure regulator

- Duct fan with circular connection.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

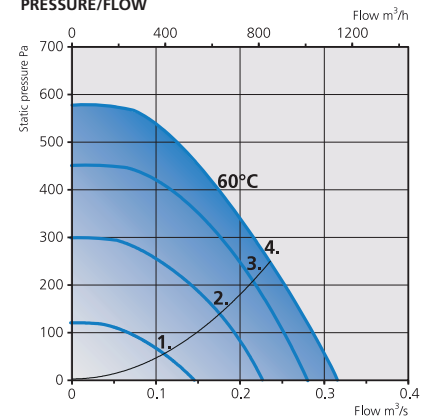
### TECHNICAL DATA

CK 200 B EC	Art.no. 7001047
Voltage	230/50 V/Hz
Voltage range	200-240 / 50/60 V/Hz
Phase	1 ~
Current	1.21 A
Power	154 W
Speed	3250 rpm
Capacitor	- µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	47 dB(A)
Weight	4.0 kg
Wiring diagram	4040143

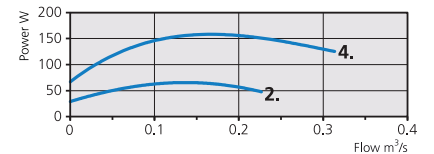
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	47	54	33	35	48	49	46	42	42	32
4. Outlet 10V		80	58	68	76	74	69	73	70	61
4. Inlet 10V		79	61	69	73	73	69	71	69	59
3. Inlet 8.5V		77	60	68	70	71	68	69	67	57
2. Inlet 7V		72	56	63	64	65	62	65	64	49
1. Inlet 5V		61	45	53	54	54	51	55	42	32

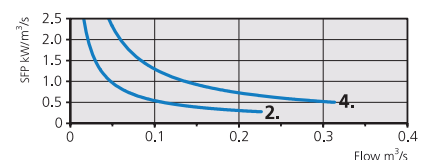
### PRESSURE/FLOW



### POWER/FLOW



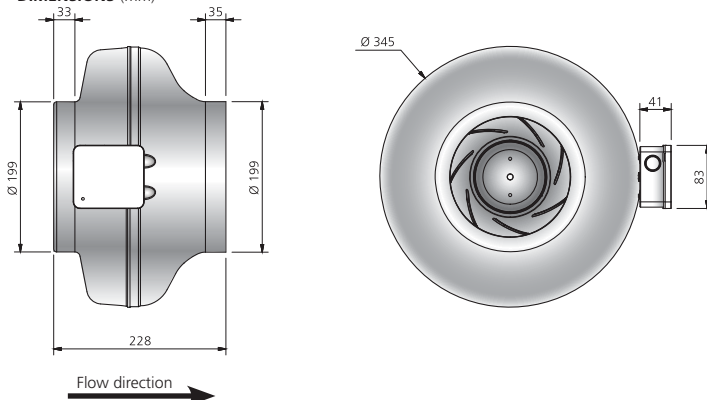
### SFP



### VOLTAGE STEPS

1. 5V    2. 7V    3. 8.5V    4. 10V

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## CK 250 A EC



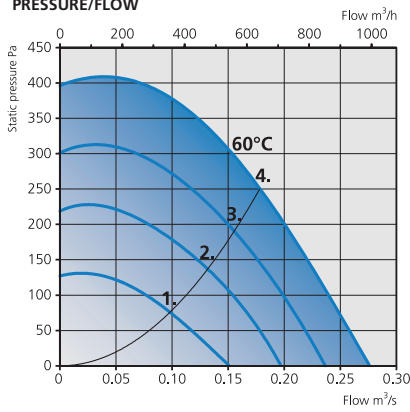
- Duct fan with circular connection.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

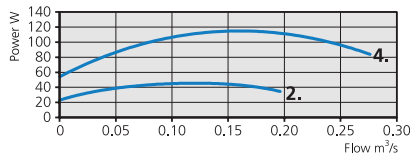
### ACCESSORIES

- Mounting bracket-kit, MB
- Mounting clamp, MK 250, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 250
- Backdraught shutters, RSK 250
- Louvre shutters, VK 25
- Speed controller, MS EC
- Pressure regulator

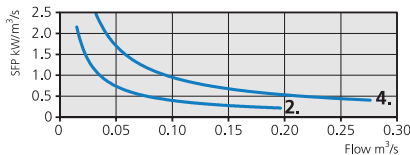
### PRESSURE/FLOW



### POWER/FLOW



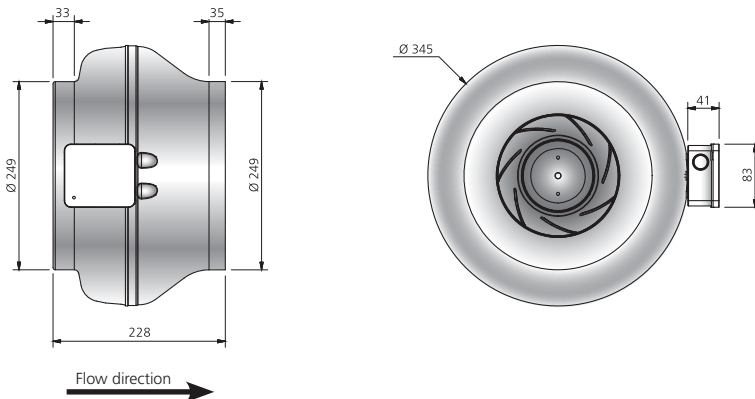
### SFP



### VOLTAGE STEPS

1. 5V    2. 7V    3. 8.5V    4. 10V

### DIMENSIONS (mm)



### TECHNICAL DATA

CK 250 A EC	Art.no. 7001107
Voltage	230/50 V/Hz
Voltage range	200-240 / 50/60 V/Hz
Phase	1 ~
Current	0.95 A
Power	115 W
Speed	2900 rpm
Capacitor	- µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	44 dB(A)
Weight	4.1 kg
Wiring diagram	4040180

### SOUND DATA

	L <sub>pA</sub>	L <sub>wA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	44	51	28	35	42	49	44	39	39	30
4. Outlet 10V		76	57	58	69	66	70	70	67	59
4. Inlet 10V		75	55	62	68	68	69	67	65	57
3. Inlet 8.5V		71	52	59	65	64	65	63	61	51
2. Inlet 7V		68	50	58	62	60	62	59	57	45
1. Inlet 5V		61	47	53	54	53	55	56	44	34



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## CK 250 B EC

### ACCESSORIES

- Mounting bracket-kit, MB
- Mounting clamp, MK 250, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 250
- Backdraught shutters, RSK 250
- Louvre shutters, VK 25
- Speed controller, MS EC
- Pressure regulator

- Duct fan with circular connection.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

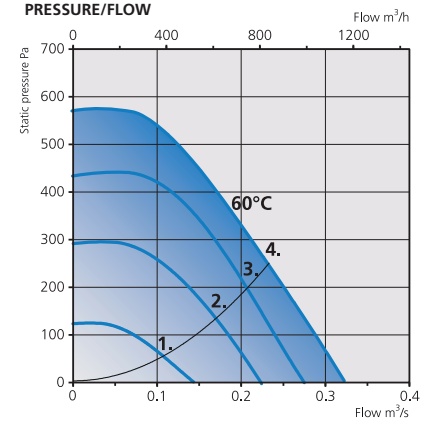
### TECHNICAL DATA

CK 250 B EC	Art.no. 7001048
Voltage	230/50 V/Hz
Voltage range	200-240 / 50/60 V/Hz
Phase	1 ~
Current	1.25 A
Power	155 W
Speed	3330 rpm
Capacitor	- µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	46 dB(A)
Weight	4.1 kg
Wiring diagram	4040143

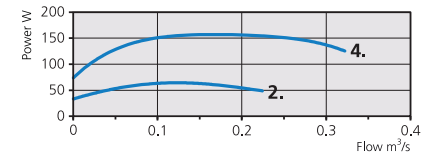
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	46	53	27	38	45	49	44	43	43	33
4. Outlet 10V		81	56	65	76	72	73	75	72	63
4. Inlet 10V		81	56	68	76	71	73	74	72	62
3. Inlet 8.5V		78	55	66	72	69	70	71	69	58
2. Inlet 7V		73	52	61	69	63	65	67	65	52
1. Inlet 5V		63	48	51	55	52	54	60	44	34

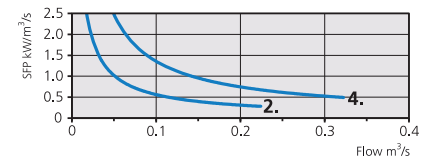
### PRESSURE/FLOW



### POWER/FLOW



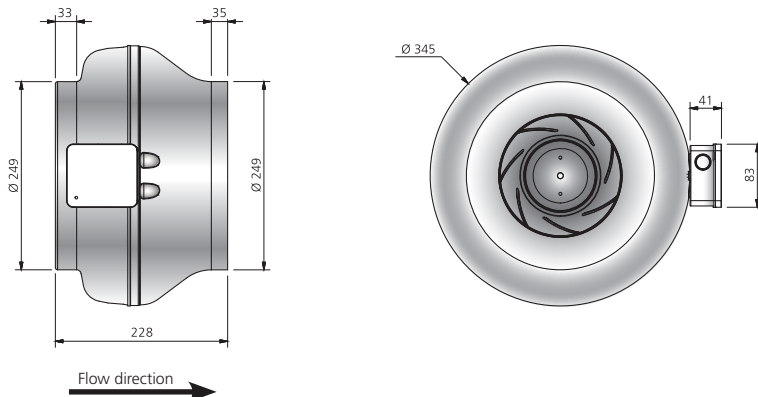
### SFP



### VOLTAGE STEPS

1. 5V    2. 7V    3. 8.5V    4. 10V

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## CK 315 B EC



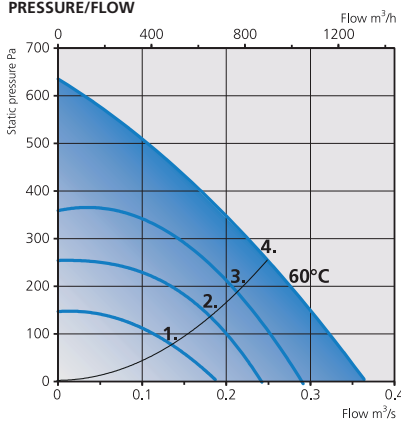
- Duct fan with circular connection.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is above 125W and meets the ERP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

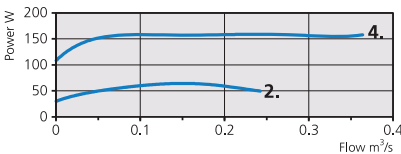
### ACCESSORIES

- Mounting bracket-kit, MB
- Mounting clamp, MK 315, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 315
- Backdraught shutters, RSK 315
- Louvre shutters, VK 35
- Speed controller, MS EC
- Pressure regulator

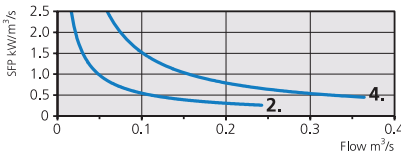
### PRESSURE/FLOW



### POWER/FLOW



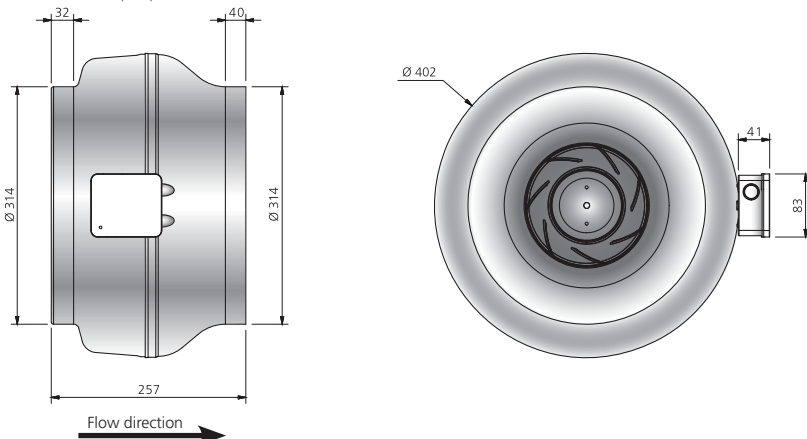
### SFP



### VOLTAGE STEPS

1. 5.5V    2. 7V    3. 8V    4. 10V

### DIMENSIONS (mm)



### TECHNICAL DATA

CK 315 B EC	Art.no. 7001049
<b>Voltage</b>	230/50 V/Hz
<b>Voltage range</b>	200-240 / 50/60 V/Hz
<b>Phase</b>	1 ~
<b>Current</b>	1.22 A
<b>Power</b>	159 W
<b>Speed</b>	2760 rpm
<b>Capacitor</b>	- µF
<b>Max. temperature of transported air</b>	60 C°
<b>Max. temperature of transported air when speed controlled</b>	60 C°
<b>Sound pressure level at 3 m</b>	48 dB(A)
<b>Weight</b>	5.4 kg
<b>Wiring diagram</b>	4040143

### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
<b>4. Surrounding 10V</b>	48	55	31	40	46	51	46	47	42	31
<b>4. Outlet 10V</b>		81	62	71	74	68	76	74	70	61
<b>4. Inlet 10V</b>		80	63	72	72	69	75	75	71	61
<b>3. Inlet 8V</b>		77	63	69	69	65	72	71	68	56
<b>2. Inlet 7V</b>		74	62	65	64	61	69	67	62	50
<b>1. Inlet 5.5V</b>		66	56	56	56	55	62	58	50	38



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## CK 315 C EC



### ACCESSORIES

- Mounting bracket-kit, MB
- Mounting clamp, MK 315, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 315
- Backdraught shutters, RSK 315
- Louvre shutters, VK 35
- Speed controller, MS EC
- Pressure regulator

- Duct fan with circular connection.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

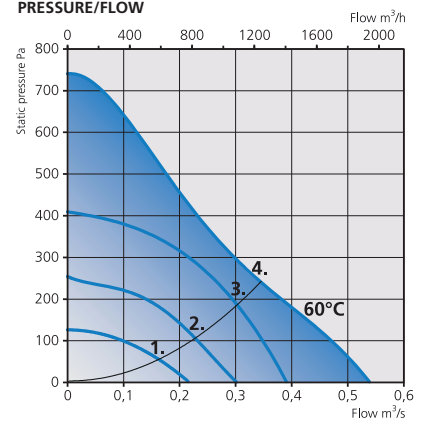
### TECHNICAL DATA

CK 315 C EC	Art.no. 7001050
Voltage	230/50 V/Hz
Voltage range	200-277 / 50/60 V/Hz
Phase	1 ~
Current	1.00 A
Power	226 W
Speed	2624 rpm
Capacitor	- µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	52 dB(A)
Weight	6.2 kg
Wiring diagram	4040143

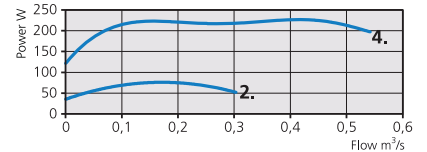
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	52	59	26	44	50	52	50	56	48	38
4. Outlet 10V		80	57	62	67	75	73	75	69	68
4. Inlet 10V		78	55	59	63	69	69	73	70	71
3. Inlet 8V		75	53	56	61	66	67	70	66	67
2. Inlet 6V		68	48	51	58	57	60	63	62	56
1. Inlet 4V		60	41	45	51	52	54	53	55	38

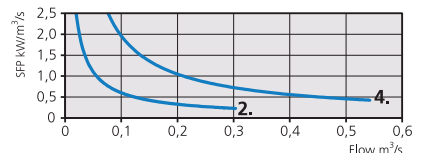
### PRESSURE/FLOW



### POWER/FLOW



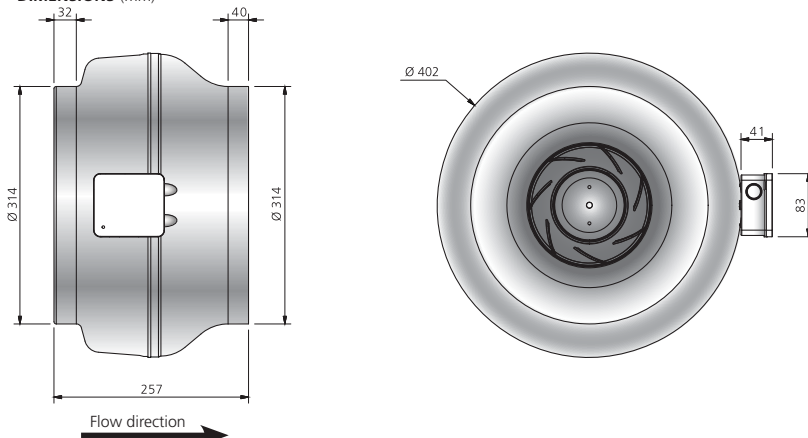
### SFP



### VOLTAGE STEPS

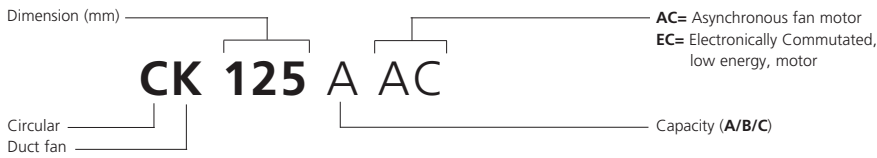
1. 4V    2. 6V    3. 8V    4. 10V

### DIMENSIONS (mm)

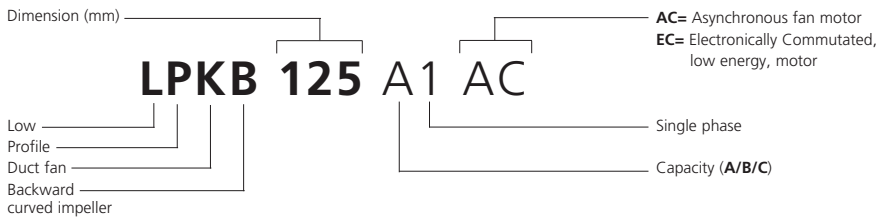




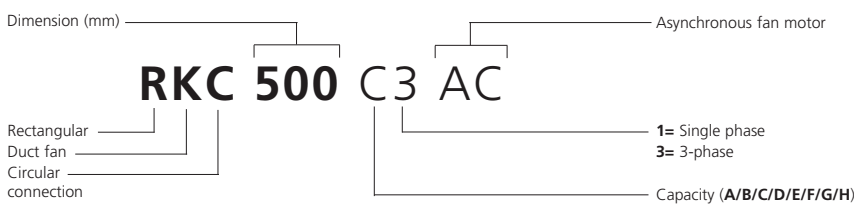
## UNINSULATED



**CK** ..... 8  
The CK has proven performance and reliability. It is compact with high capacity and efficiency with low sound levels.  
CK is available with AC or EC motor.  
Airflows up to 1.800 m<sup>3</sup>/h (0.52 m<sup>3</sup>/s).



**LPKB** ..... 36  
The LPKB is a low profile duct fan with circular connection. A very small and useful duct fan which is perfect for spaces with minimum height clearance. Available with one or two connections at the inlet side. It has high capacity and efficiency with low sound levels.  
LPKB is available with AC or EC motor.  
Airflows up to 1.000 m<sup>3</sup>/h (0.28 m<sup>3</sup>/s).



**RKC** ..... 48  
The RKC is a converted RK by using a RK-Kit. Designed to cope with high pressure and long ducts.  
RKC is available with AC motor.  
Airflows up to 9.100 m<sup>3</sup>/h (2.50 m<sup>3</sup>/s).

## SOUND ATTENUATED

**LPKB Silent** ..... 68  
LPKB Silent is almost the same and has the same benefits as the LPKB. But LPKB Silent is equipped with a built in silencer on the inlet side for an even lower sound level.  
LPKB Silent is available with AC or EC motor.  
Airflows up to 1.000 m<sup>3</sup>/h (0.28 m<sup>3</sup>/s).

## INSULATED



**IRB** ..... 80  
The IRB, equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air. Designed for high pressure and long, complicated duct runs.  
IRB is available with AC or EC motor.  
Airflows up to 10.800 m<sup>3</sup>/h (3.00 m<sup>3</sup>/s).

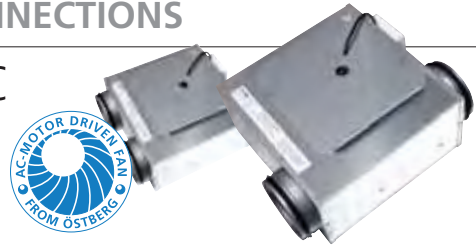


**IRE** ..... 116  
The IRE, equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air. Designed for high pressure and long, complicated duct runs.  
IRE is available with AC motor.  
Airflows up to 8.200 m<sup>3</sup>/h (2.28 m<sup>3</sup>/s).

**CAU** ..... 140  
**IFA** ..... 144  
**IFK** ..... 148  
These three types have multiple inlets.  
All three types are available with AC motor.

# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## LPKB 100 A1 AC/ LPKB 100+2x80 A1 AC



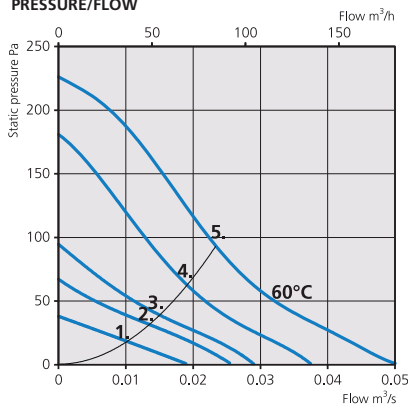
- Low profile duct fan with circular connection.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Available with one or two connections on the inlet side.
- High capacity and efficiency with low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.

- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

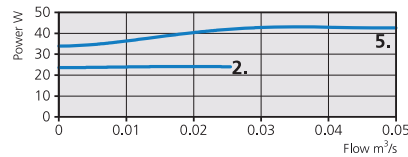
### ACCESSORIES

- Mounting clamp, MK 100, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 100
- Backdraught shutters, RSK 100
- Louvre shutters, VK 10
- Silencer, LDC 100
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

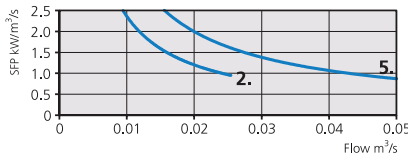
### PRESSURE/FLOW



### POWER/FLOW

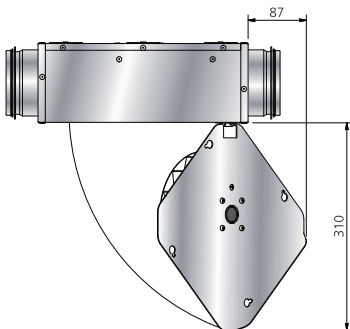


### SFP



### TRANSFORMER STEPS

1. 135V 2. 165V 3. 180V 4. 210V 5. 230V



### TECHNICAL DATA

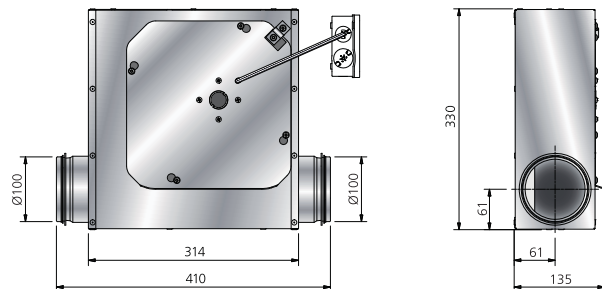
LPKB 100 A1/ 100+2x80 A1 AC	Art.no. 7540210 / 7540217
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	0.20 A
Power	43 W
Speed	1410 rpm
Capacitor	1 µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	33 dB(A)
Weight	5.0 kg
Wiring diagram	4040002

### SOUND DATA

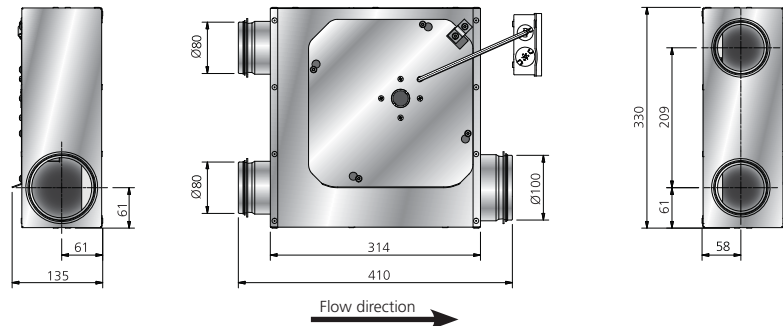
	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	33	40	26	29	35	35	31	29	28	29
5. Outlet 230V		56	47	50	51	49	47	41	33	25
5. Inlet 230V		54	42	48	46	50	44	40	31	23
4. Inlet 210V		49	37	44	41	45	39	32	21	18
3. Inlet 180V		43	32	37	36	39	32	22	10	13
2. Inlet 165V		40	29	34	34	36	29	17	7	11
1. Inlet 135V		34	24	25	31	28	18	7	5	7

### DIMENSIONS (mm)

#### LPKB 100 A1



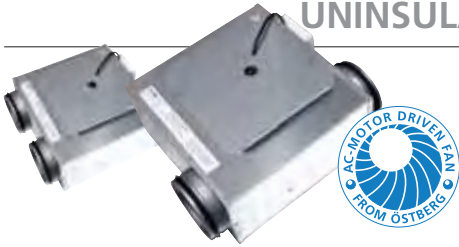
#### LPKB 100+2x80 A1





# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## LPKB 100 C1 AC/ LPKB 100+2x80 C1 AC



### ACCESSORIES

- Mounting clamp, MK 100, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 100
- Backdraught shutters, RSK 100
- Louvre shutters, VK 10
- Silencer, LDC 100
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

- Low profile duct fan with circular connection.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Available with one or two connections on the inlet side.
- High capacity and efficiency with low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.

- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

### TECHNICAL DATA

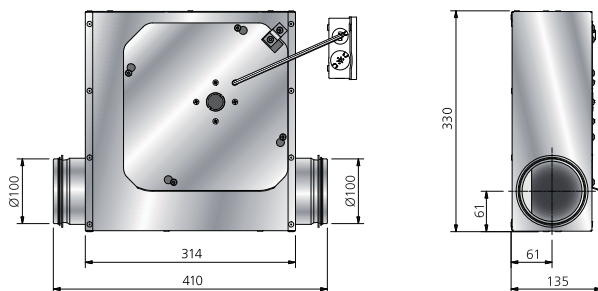
LPKB 100 C1/ 100+2x80 C1 AC	Art.no. 7540212 / 7540219
Voltage	230/50 V/Hz
Voltage range	200-240/50 V/Hz
Phase	1 ~
Current	0.25 A
Power	58 W
Speed	2600 rpm
Capacitor	2 µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	46 dB(A)
Weight	5.0 kg
Wiring diagram	4040001

### SOUND DATA

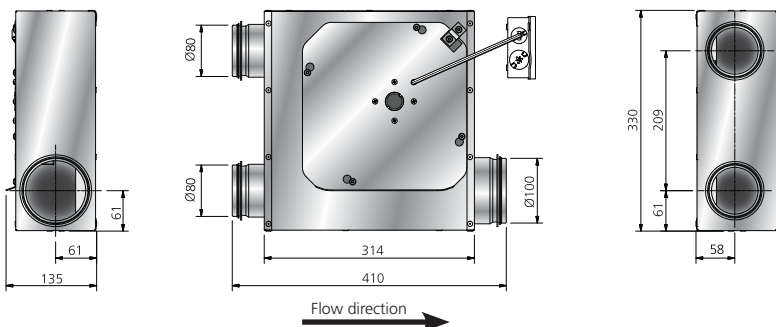
	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	46	53	63	37	50	49	44	41	35	31
5. Outlet 230V		70	56	60	63	66	64	59	54	48
5. Inlet 230V		68	53	60	61	64	57	55	49	44
4. Inlet 165V		64	49	56	59	60	53	51	44	38
3. Inlet 135V		60	45	52	56	56	49	46	37	30
2. Inlet 110V		53	40	47	46	50	42	38	27	21
1. Inlet 80V		43	32	37	37	39	30	21	9	11

### DIMENSIONS (mm)

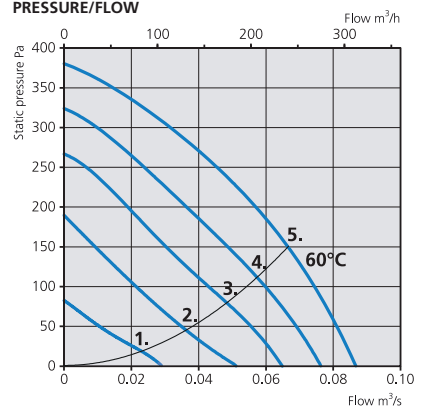
#### LPKB 100 C1



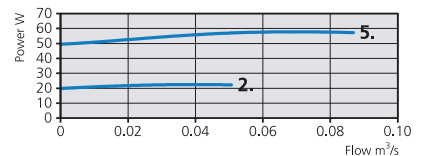
#### LPKB 100+2x80 C1



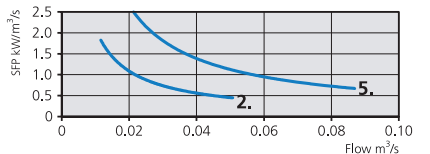
### PRESSURE/FLOW



### POWER/FLOW

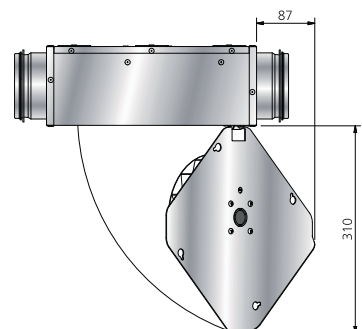


### SFP



### TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## LPKB 125 C1 AC/ LPKB 125+2x100 C1 AC



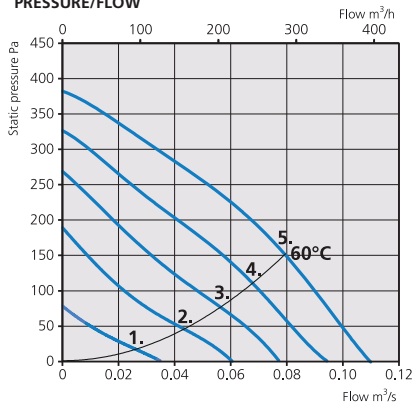
- Low profile duct fan with circular connection.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Available with one or two connections on the inlet side.
- High capacity and efficiency with low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.

- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

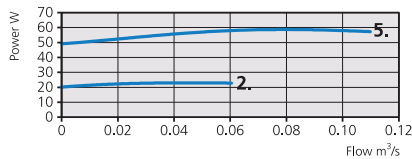
### ACCESSORIES

- Mounting clamp, MK 125, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 125
- Backdraught shutters, RSK 125
- Louvre shutters, VK 12
- Silencer, LDC 125
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

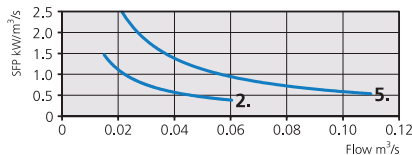
### PRESSURE/FLOW



### POWER/FLOW

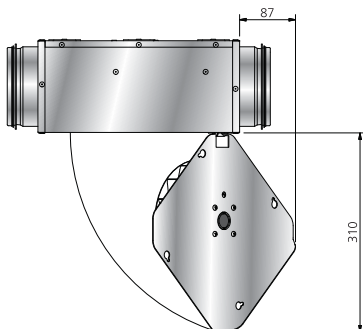


### SFP



### TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V



### TECHNICAL DATA

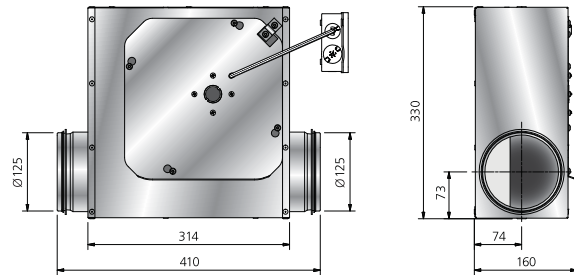
LPKB 125 C1/ 125+2x100 C1 AC	Art.no. 7540231 / 7540239
<b>Voltage</b>	230/50 V/Hz
<b>Voltage range</b>	220-240/50 V/Hz
<b>Phase</b>	1 ~
<b>Current</b>	0.26 A
<b>Power</b>	59 W
<b>Speed</b>	2570 rpm
<b>Capacitor</b>	2 µF
<b>Max. temperature of transported air</b>	60 C°
<b>Max. temperature of transported air when speed controlled</b>	60 C°
<b>Sound pressure level at 3 m</b>	47 dB(A)
<b>Weight</b>	5.2 kg
<b>Wiring diagram</b>	4040001

### SOUND DATA

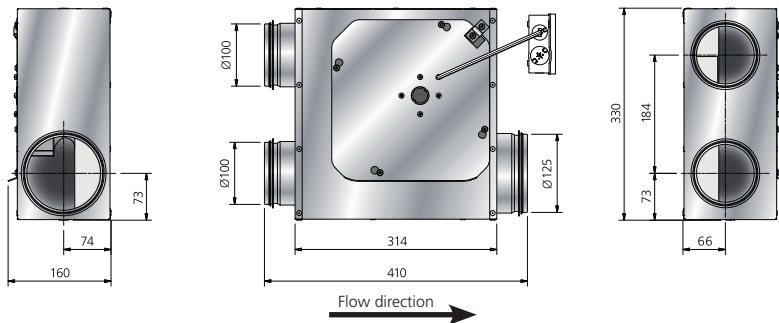
	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	47	54	33	37	50	51	46	41	35	31
5. Outlet 230V		71	56	60	64	67	64	59	56	48
5. Inlet 230V		69	51	60	63	66	57	54	51	46
4. Inlet 165V		65	48	57	59	61	53	49	46	40
3. Inlet 135V		61	44	52	55	57	48	45	40	33
2. Inlet 110V		54	40	50	45	50	41	36	28	22
1. Inlet 80V		43	30	38	36	40	28	19	9	12

### DIMENSIONS (mm)

#### LPKB 125 C1

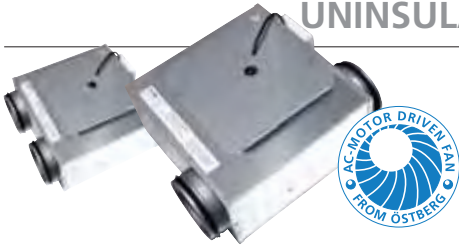


#### LPKB 125+2x100 C1



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## LPKB 160 B1 AC/ LPKB 160+2x125 B1 AC



### ACCESSORIES

- Mounting clamp, MK 160, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 160
- Backdraught shutters, RSK 160
- Louvre shutters, VK 16
- Silencer, LDC 160
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

- Low profile duct fan with circular connection.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Available with one or two connections on the inlet side.
- High capacity and efficiency with low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.

- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

### TECHNICAL DATA

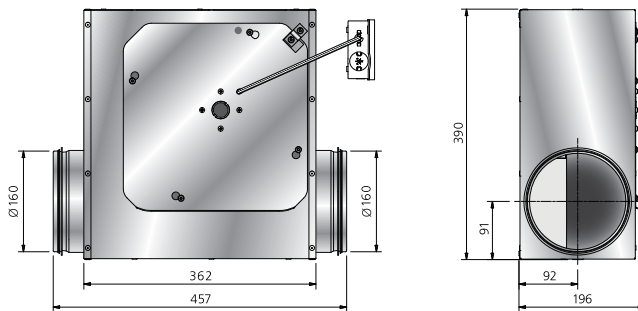
LPKB 160 B1/ 160+2x125 B1 AC	Art.no. 7540251 / 7540261
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	0.26 A
Power	61 W
Speed	2550 rpm
Capacitor	2 µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	46 dB(A)
Weight	6.8 kg
Wiring diagram	4040001

### SOUND DATA

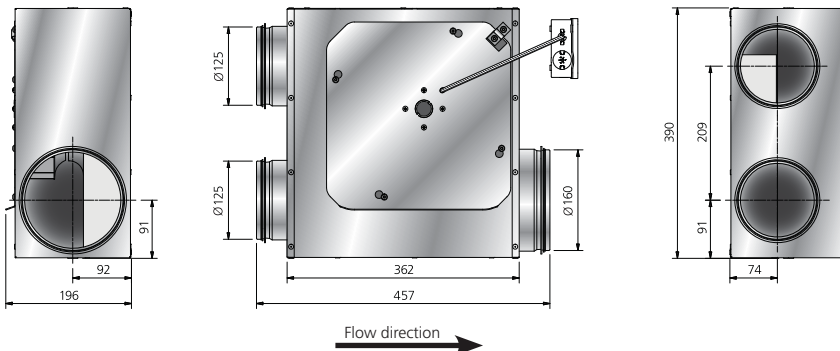
	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	46	53	32	39	48	50	41	39	34	31
5. Outlet 230V		70	57	59	65	66	60	56	55	47
5. Inlet 230V		68	52	59	65	62	57	51	52	45
4. Inlet 165V		65	48	53	62	58	52	46	46	38
3. Inlet 135V		59	44	49	56	53	47	40	37	29
2. Inlet 110V		52	38	45	47	47	40	32	27	18
1. Inlet 80V		44	32	38	40	36	28	16	9	10

### DIMENSIONS (mm)

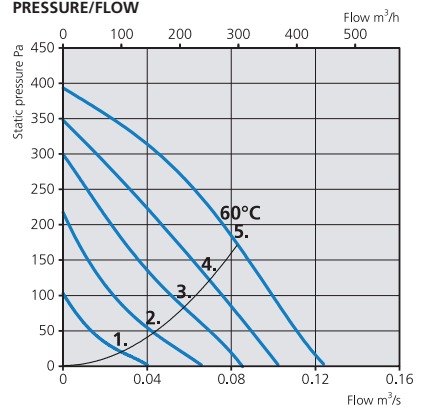
#### LPKB 160 B1



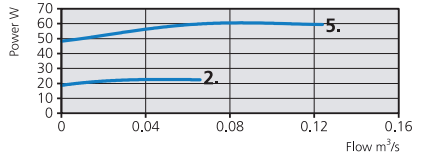
#### LPKB 160+2x125 B1



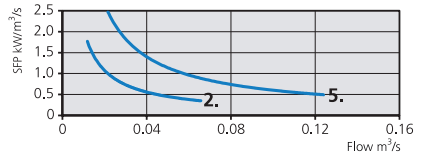
### PRESSURE/FLOW



### POWER/FLOW

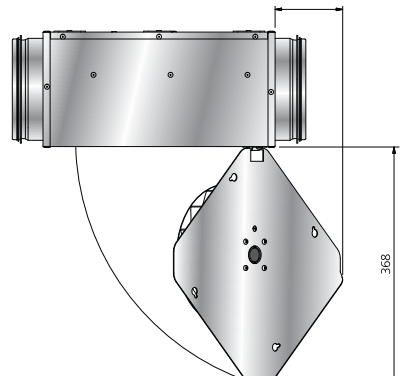


### SFP



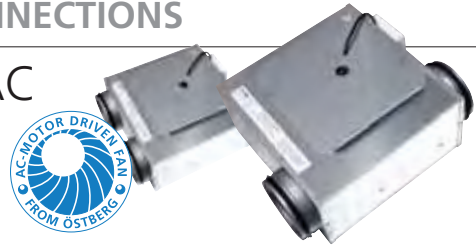
### TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## LPKB 160 C1 AC/ LPKB 160+2x125 C1 AC



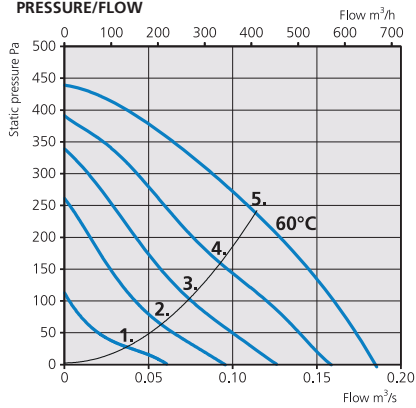
- Low profile duct fan with circular connection.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Available with one or two connections on the inlet side.
- High capacity and efficiency with low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.

- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

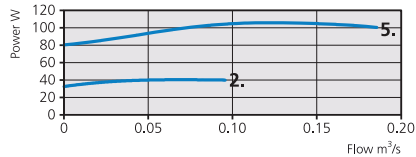
### ACCESSORIES

- Mounting clamp, MK 160, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 160
- Backdraught shutters, RSK 160
- Louvre shutters, VK 16
- Silencer, LDC 160
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

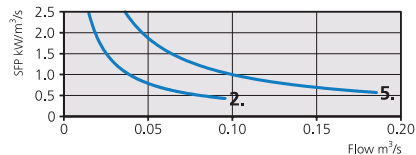
### PRESSURE/FLOW



### POWER/FLOW

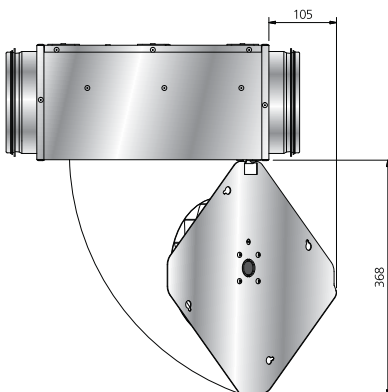


### SFP



### TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V



### TECHNICAL DATA

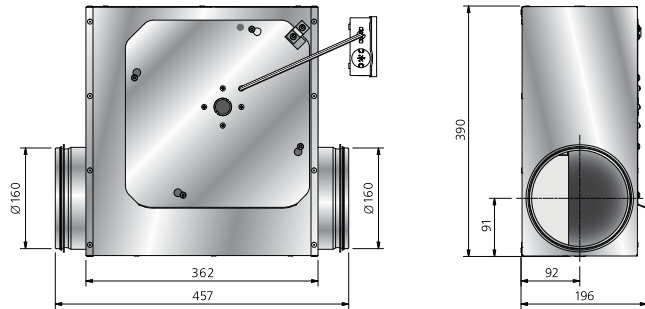
LPKB 160 C1/160+2x125 C1 AC	Art.no. 7540253 / 7540263
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	0.46 A
Power	106 W
Speed	2560 rpm
Capacitor	3 µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	51 dB(A)
Weight	7.0 kg
Wiring diagram	4040001

### SOUND DATA

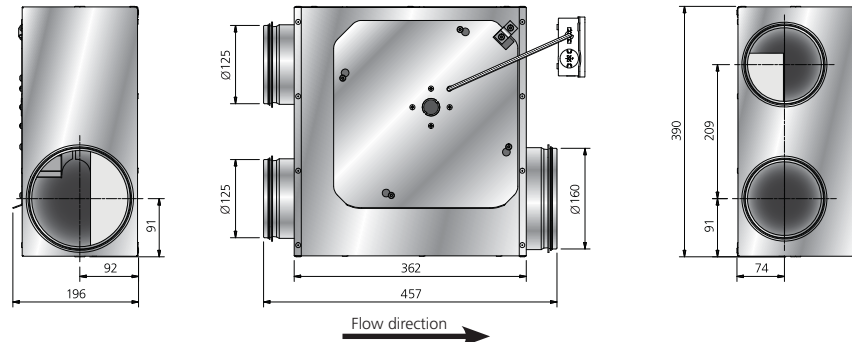
	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	51	58	34	43	53	55	48	44	40	32
5. Outlet 230V		76	59	61	68	74	66	63	63	50
5. Inlet 230V		74	53	61	69	71	64	56	57	46
4. Inlet 165V		70	50	57	65	66	59	51	51	39
3. Inlet 135V		64	47	54	61	59	53	45	43	30
2. Inlet 110V		58	42	50	55	53	47	37	33	18
1. Inlet 80V		48	36	41	41	43	38	23	15	9

### DIMENSIONS (mm)

#### LPKB 160 C1

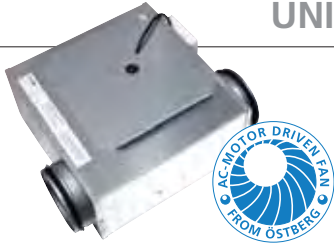


#### LPKB 160+2x125 C1



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## LPKB 200 C1 ErP AC



### ACCESSORIES

- Mounting clamp, MK 200, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 200
- Backdraught shutters, RSK 200
- Louvre shutters, VK 20
- Silencer, LDC 200
- Transformer VRDE 1.5, VRTE 1
- Electronic speed controller, VRS 1.0

- Low profile duct fan with circular connection.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Available with one or two connections on the inlet side.
- High capacity and efficiency with low sound levels.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.

- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

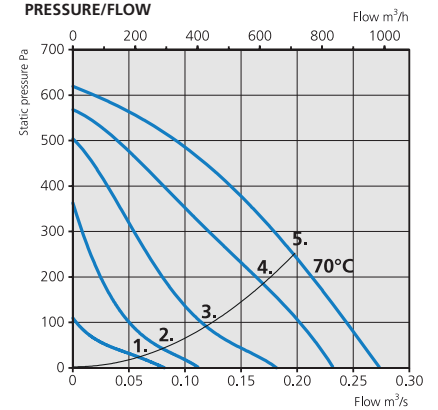
### TECHNICAL DATA

LPKB 200 C1 ErP AC	Art.no. 7540303
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	0.67 A
Power	153 W
Speed	2730 rpm
Capacitor	5 µF
Max. temperature of transported air	70 C°
Max. temperature of transported air when speed controlled	70 C°
Sound pressure level at 3 m	58 dB(A)
Weight	8.4 kg
Wiring diagram	4040001

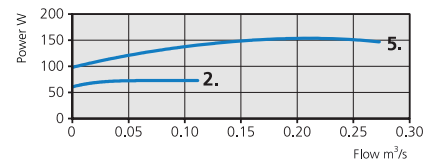
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	58	65	34	47	62	61	53	48	42	36
5. Outlet 230V		82	65	69	77	79	71	70	66	63
5. Inlet 230V		78	66	65	74	76	65	63	60	57
4. Inlet 165V		75	54	63	73	68	59	58	56	51
3. Inlet 135V		67	51	59	65	60	51	50	50	35
2. Inlet 110V		64	52	63	50	47	38	38	26	16
1. Inlet 80V		51	42	50	42	38	28	18	13	11

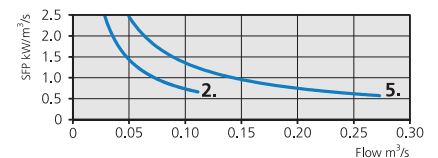
### PRESSURE/FLOW



### POWER/FLOW



### SFP

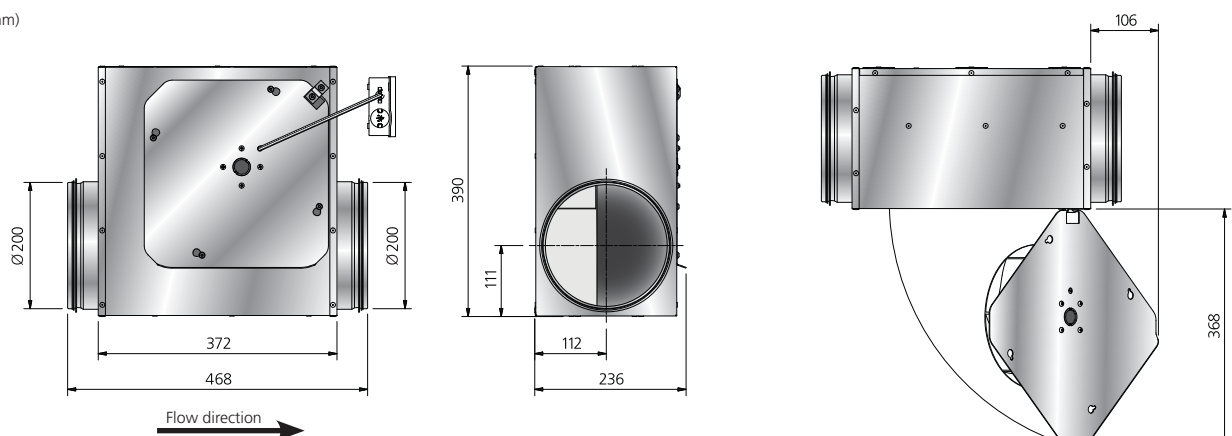


### TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

### DIMENSIONS (mm)

#### LPKB 200 C1



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## LPKB 100 C1 EC/ LPKB 100+2x80 C1 EC



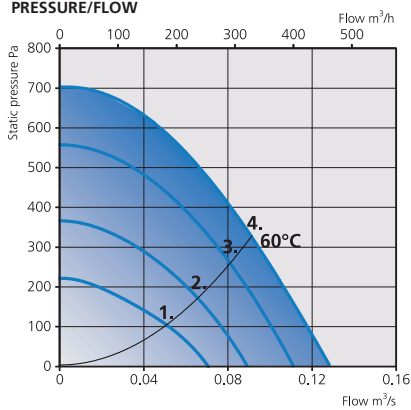
- Low profile duct fan with circular connection.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Available with one or two connections on the inlet side.
- High capacity and efficiency with low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

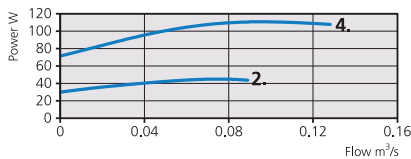
### ACCESSORIES

- Mounting clamp, MK 100, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 100
- Backdraught shutters, RSK 100
- Louvre shutters, VK 10
- Silencer, LDC 100
- Speed controller, MS EC
- Pressure regulator

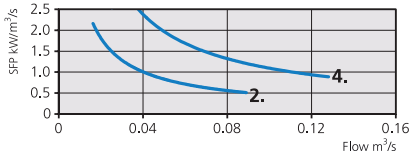
### PRESSURE/FLOW



### POWER/FLOW

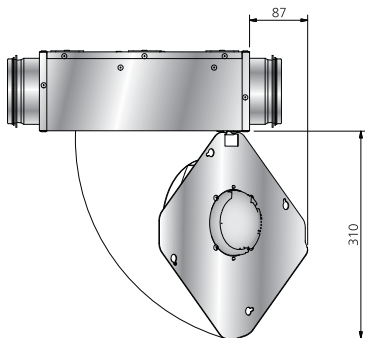


### SFP



### VOLTAGE STEPS

1. 5.5V    2. 7V    3. 8.5V    4. 10V



### TECHNICAL DATA

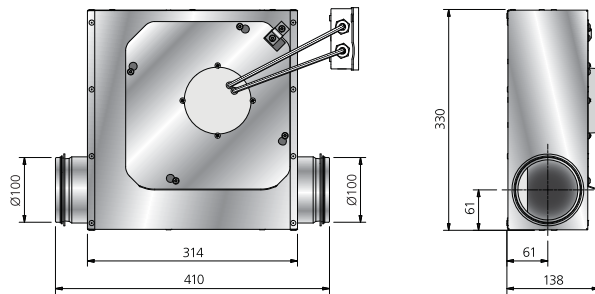
LPKB 100 C1 EC/100+2x80 C1 EC	Art.no. 7540216 / 7540223
Voltage	230/50 V/Hz
Voltage range	200-240 / 50/60 V/Hz
Phase	1 ~
Current	0.89 A
Power	110 W
Speed	3770 rpm
Capacitor	- µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	57 dB(A)
Weight	5.3 kg
Wiring diagram	4040143

### SOUND DATA

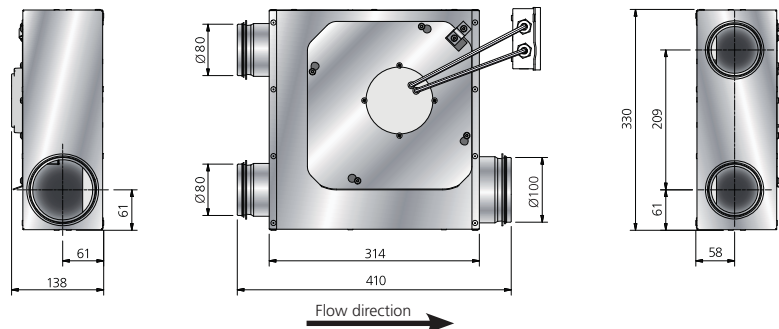
	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	57	64	45	46	57	61	55	53	48	40
4. Outlet 10V		81	66	66	68	77	75	72	67	60
4. Inlet 10V		77	61	66	68	75	68	67	61	55
3. Inlet 8.5V		79	63	65	67	78	66	64	58	51
2. Inlet 7V		69	51	59	62	66	60	58	51	43
1. Inlet 5.5V		64	46	54	60	60	54	52	43	34

### DIMENSIONS (mm)

#### LPKB 100 C1 EC



#### LPKB 100+2x80 C1 EC



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## LPKB 125 C1 EC/ LPKB 125+2x100 C1 EC



### ACCESSORIES

- Mounting clamp, MK 125, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 125
- Backdraught shutters, RSK 125
- Louvre shutters, VK 12
- Silencer, LDC 125
- Speed controller, MS EC
- Pressure regulator

- Low profile duct fan with circular connection.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Available with one or two connections on the inlet side.
- High capacity and efficiency with low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

### TECHNICAL DATA

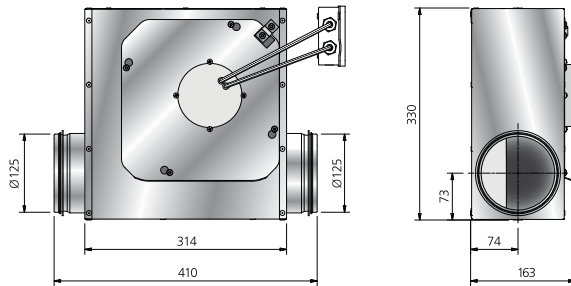
LPKB 125 C1 EC/125+2x100 C1 EC	Art.no. 7540234 / 7540242
Voltage	230/50 V/Hz
Voltage range	200-240 / 50/60 V/Hz
Phase	1 ~
Current	0.90 A
Power	115 W
Speed	3780 rpm
Capacitor	- µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	58 dB(A)
Weight	5.5 kg
Wiring diagram	4040143

### SOUND DATA

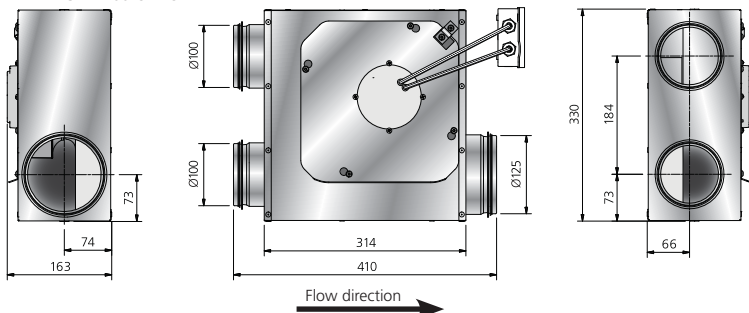
	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	58	65	41	48	55	63	57	54	47	39
4. Outlet 10V		82	66	68	69	78	76	72	69	61
4. Inlet 10V		78	57	67	68	76	68	67	64	56
3. Inlet 8.5V		78	56	65	66	77	66	64	61	53
2. Inlet 7V		71	52	61	65	68	61	58	55	45
1. Inlet 5.5V		66	47	55	60	62	54	51	46	36

### DIMENSIONS (mm)

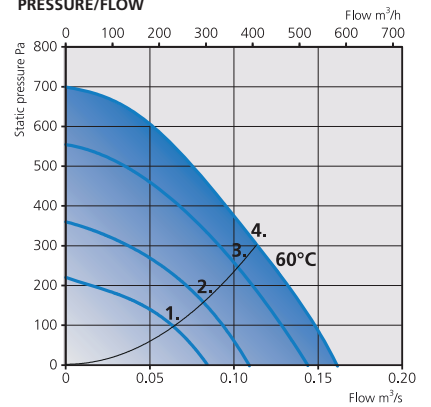
#### LPKB 125 C1 EC



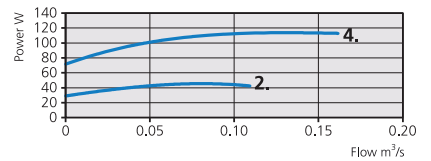
#### LPKB 125+2x100 C1 EC



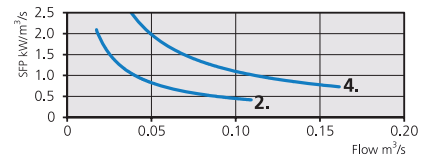
### PRESSURE/FLOW



### POWER/FLOW

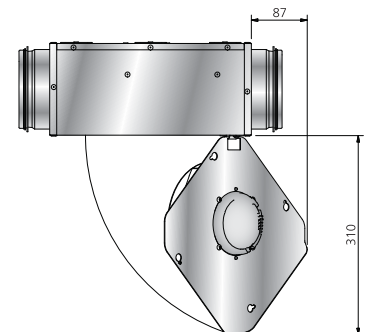


### SFP



### VOLTAGE STEPS

1. 5.5V 2. 7V 3. 8.5V 4. 10V



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## LPKB 160 B1 EC/ LPKB 160+2x125 B1 EC



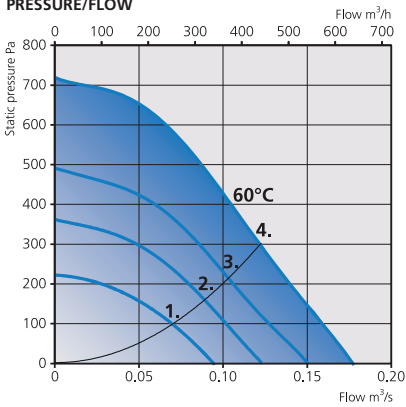
- Low profile duct fan with circular connection.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Available with one or two connections on the inlet side.
- High capacity and efficiency with low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

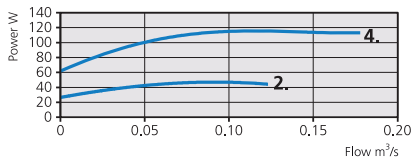
### ACCESSORIES

- Mounting clamp, MK 160, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 160
- Backdraught shutters, RSK 160
- Louvre shutters, VK 16
- Silencer, LDC 160
- Speed controller, MS EC
- Pressure regulator

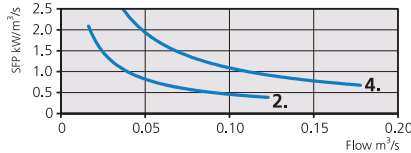
### PRESSURE/FLOW



### POWER/FLOW

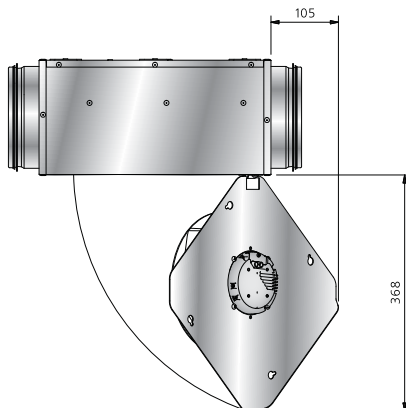


### SFP



### VOLTAGE STEPS

1. 5.5V   2. 7V   3. 8V   4. 10V



### TECHNICAL DATA

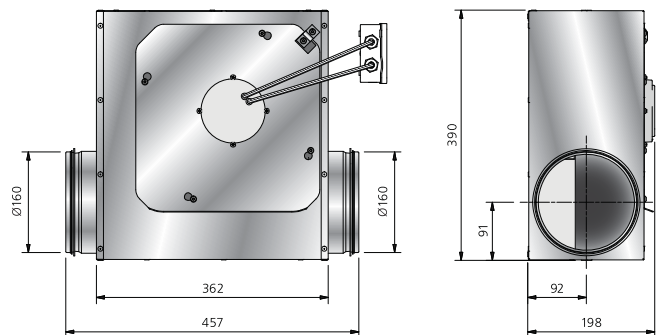
LPKB 160 B1 EC/160+2x125 B1 EC	Art.no. 7540258 / 7540268
<b>Voltage</b>	230/50 V/Hz
<b>Voltage range</b>	200-240 / 50/60 V/Hz
<b>Phase</b>	1 ~
<b>Current</b>	0.90 A
<b>Power</b>	117 W
<b>Speed</b>	3640 rpm
<b>Capacitor</b>	- µF
<b>Max. temperature of transported air</b>	60 C°
<b>Max. temperature of transported air when speed controlled</b>	60 C°
<b>Sound pressure level at 3 m</b>	58 dB(A)
<b>Weight</b>	7.1 kg
<b>Wiring diagram</b>	4040143

### SOUND DATA

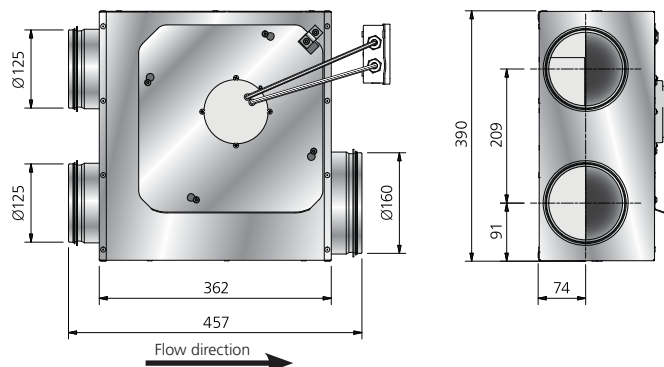
	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
<b>4. Surrounding 10V</b>	58	65	38	50	52	64	53	51	45	38
<b>4. Outlet 10V</b>		80	64	66	71	77	71	70	69	60
<b>4. Inlet 10V</b>		78	62	67	70	74	70	63	64	56
<b>3. Inlet 8V</b>		74	56	62	67	71	66	59	59	51
<b>2. Inlet 7V</b>		70	53	60	65	65	62	55	55	45
<b>1. Inlet 5.5V</b>		67	50	61	63	60	55	48	47	35

### DIMENSIONS (mm)

#### LPKB 160 B1 EC



#### LPKB 160+2x125 B1 EC





# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## LPKB 160 C1 EC/ LPKB 160+2x125 C1 EC



### ACCESSORIES

- Mounting clamp, MK 160, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 160
- Backdraught shutters, RSK 160
- Louvre shutters, VK 16
- Silencer, LDC 160
- Speed controller, MS EC
- Pressure regulator

- Low profile duct fan with circular connection.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Available with one or two connections on the inlet side.
- High capacity and efficiency with low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

### TECHNICAL DATA

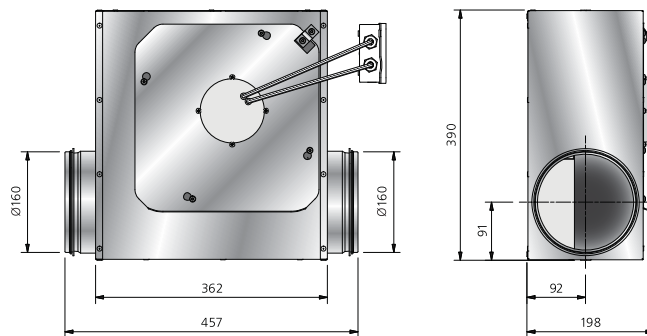
LPKB 160 C1 EC/160+2X125 C1 EC	Art.no. 7540259 / 7540269
Voltage	230/50 V/Hz
Voltage range	200-240 / 50/60 V/Hz
Phase	1 ~
Current	1.06 A
Power	131 W
Speed	3220 rpm
Capacitor	- µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	57 dB(A)
Weight	6.9 kg
Wiring diagram	4040143

### SOUND DATA

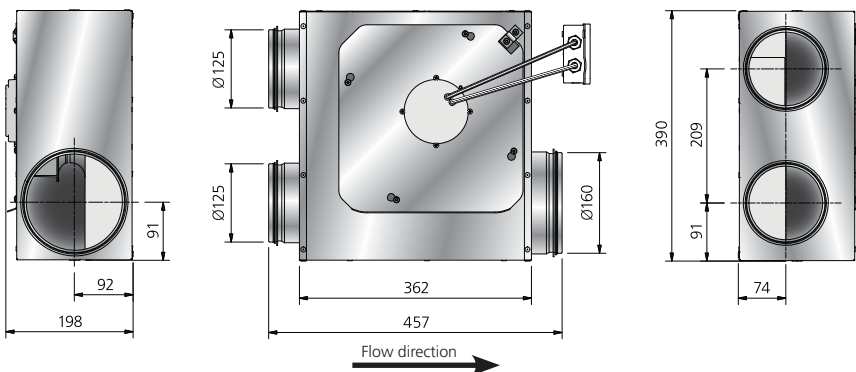
	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	57	64	37	49	57	62	54	53	48	38
4. Outlet 10V		82	63	67	74	78	72	73	71	60
4. Inlet 10V		79	57	66	73	77	69	65	65	55
3. Inlet 8.5V		75	57	63	71	71	66	62	61	50
2. Inlet 7V		70	52	63	66	65	60	57	53	42
1. Inlet 5.5V		66	48	56	61	61	56	52	46	34

### DIMENSIONS (mm)

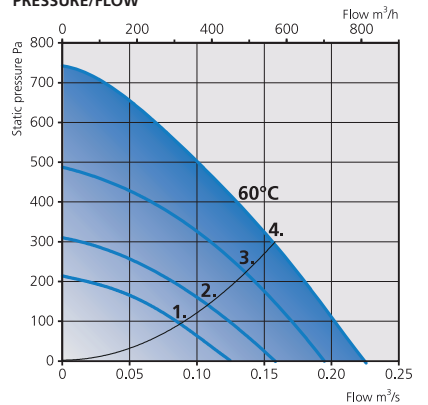
#### LPKB 160 C1 EC



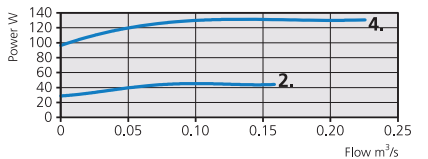
#### LPKB 160+2x125 C1 EC



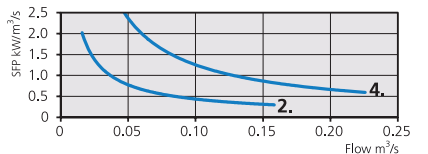
### PRESSURE/FLOW



### POWER/FLOW

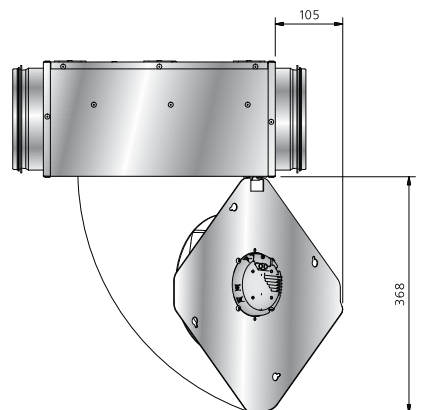


### SFP



### VOLTAGE STEPS

1. 5.5V 2. 7V 3. 8.5V 4. 10V



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## LPKB 200 C1 EC



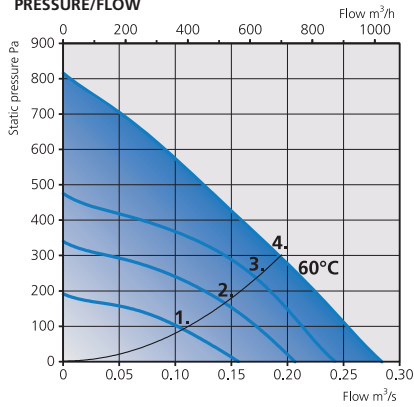
- Low profile duct fan with circular connection.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Available with one or two connections on the inlet side.
- High capacity and efficiency with low sound levels.
- The power consumption at highest total efficiency is above 125W and meets the ERP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

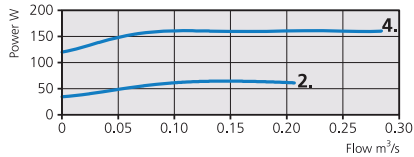
### ACCESSORIES

- Mounting clamp, MK 200, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 200
- Backdraught shutters, RSK 200
- Louvre shutters, VK 20
- Silencer, LDC 200
- Speed controller, MS EC
- Pressure regulator

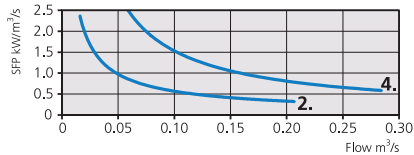
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### VOLTAGE STEPS

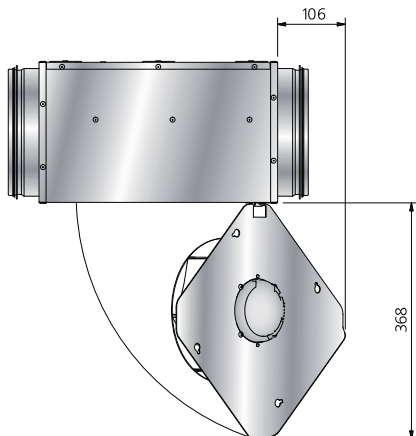
1. 5.5V    2. 7V    3. 8V    4. 10V

### TECHNICAL DATA

LPKB 200 C1 EC	Art.no. 7540276
Voltage	230/50 V/Hz
Voltage range	200-240 / 50/60 V/Hz
Phase	1 ~
Current	1.27 A
Power	162 W
Speed	2870 rpm
Capacitor	- µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	56 dB(A)
Weight	7.4 kg
Wiring diagram	4040143

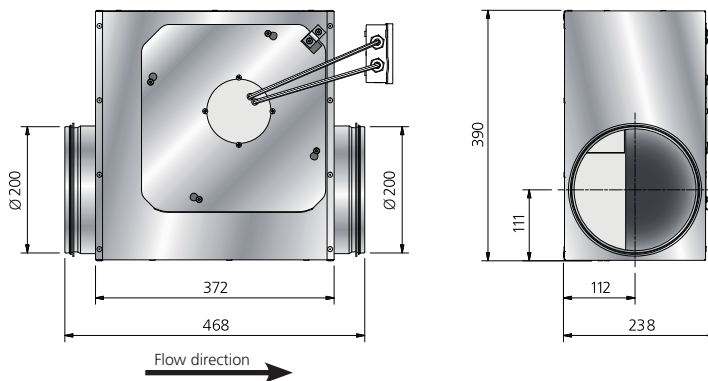
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	56	63	41	48	58	60	54	49	43	34
4. Outlet 10V		84	65	68	79	80	74	72	68	59
4. Inlet 10V		79	62	68	74	75	67	67	62	54
3. Inlet 8V		75	58	65	71	71	63	63	58	49
2. Inlet 7V		72	55	61	69	67	59	58	53	41
1. Inlet 5.5V		66	51	56	62	61	51	50	42	31

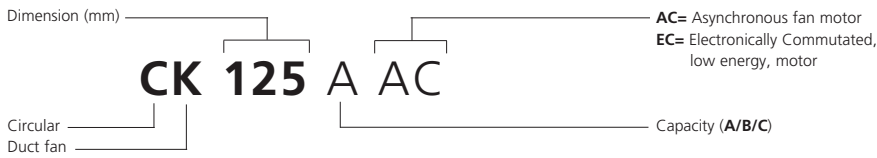


### DIMENSIONS (mm)

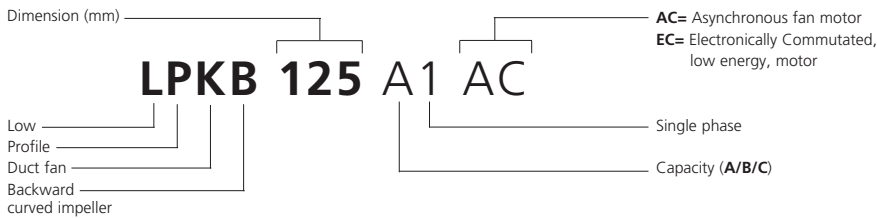
#### LPKB 200 C1 EC



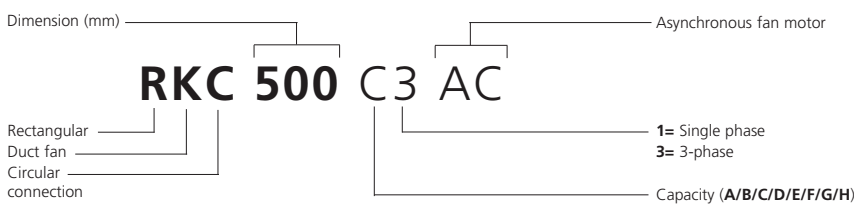
## UNINSULATED



**CK** ..... 8  
The CK has proven performance and reliability. It is compact with high capacity and efficiency with low sound levels.  
CK is available with AC or EC motor.  
Airflows up to 1.800 m<sup>3</sup>/h (0.52 m<sup>3</sup>/s).



**LPKB** ..... 36  
The LPKB is a low profile duct fan with circular connection. A very small and useful duct fan which is perfect for spaces with minimum height clearance. Available with one or two connections at the inlet side. It has high capacity and efficiency with low sound levels.  
LPKB is available with AC or EC motor.  
Airflows up to 1.000 m<sup>3</sup>/h (0.28 m<sup>3</sup>/s).



**RKC** ..... 48  
The RKC is a converted RK by using a RK-Kit. Designed to cope with high pressure and long ducts.  
RKC is available with AC motor.  
Airflows up to 9.100 m<sup>3</sup>/h (2.50 m<sup>3</sup>/s).

## SOUND ATTENUATED

**LPKB Silent** ..... 68  
LPKB Silent is almost the same and has the same benefits as the LPKB. But LPKB Silent is equipped with a built in silencer on the inlet side for an even lower sound level.  
LPKB Silent is available with AC or EC motor.  
Airflows up to 1.000 m<sup>3</sup>/h (0.28 m<sup>3</sup>/s).



**IRB** ..... 80  
The IRB, equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air. Designed for high pressure and long, complicated duct runs.  
IRB is available with AC or EC motor.  
Airflows up to 10.800 m<sup>3</sup>/h (3.00 m<sup>3</sup>/s).



**IRE** ..... 116  
The IRE, equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air. Designed for high pressure and long, complicated duct runs.  
IRE is available with AC motor.  
Airflows up to 8.200 m<sup>3</sup>/h (2.28 m<sup>3</sup>/s).

**CAU** ..... 140  
**IFA** ..... 144  
**IFK** ..... 148  
These three types have multiple inlets.  
All three types are available with AC motor.

# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## RKC 200 C1 AC



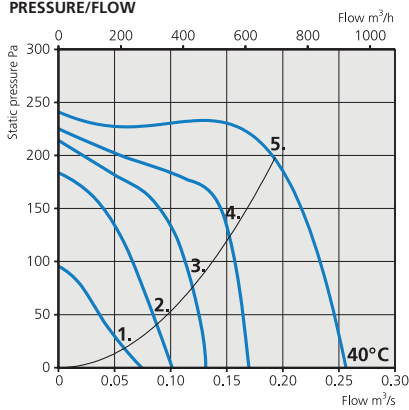
### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 200, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 200
- Backdraught shutters, RSK 200
- Louvre shutters, VK 20
- Transformer VRDE 1.5, VRTE 1
- Electronic speed controller, VRS 1.0

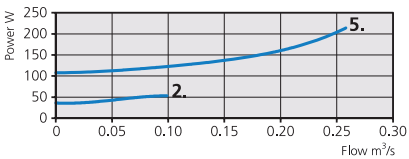
- Duct fan with circular connection.
- RKC is a converted RK by using a RK-Kit.
- Proven performance and reliability.
- Designed to cope with high pressure and long ducts.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.

- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

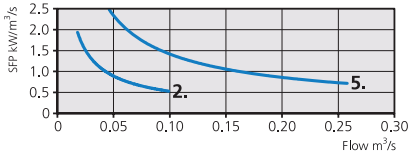
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TECHNICAL DATA

RKC 200 C1 AC	Art.no. 7500033+7600001
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	0.95 A
Power	215 W
Speed	810 rpm
Capacitor	6 µF
Max. temperature of transported air	40 C°
Max. temperature of transported air when speed-controlled	40 C°
Sound pressure level at 3 m	50 dB(A)
Weight	12.9 kg
Wiring diagram	4040001

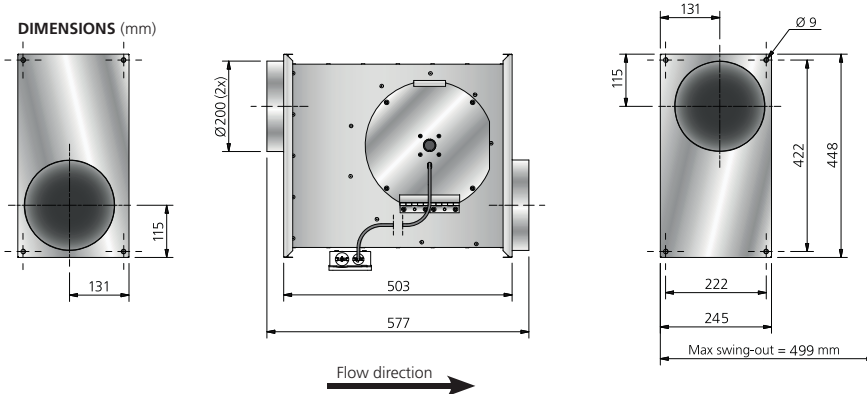
### SOUND DATA

	L <sub>pA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	50	57	36	46	52	50	52	45	40	32
5. Outlet 230V		72	61	63	65	65	64	63	62	55
5. Inlet 230V		69	58	64	64	61	55	56	54	47
4. Inlet 165V		64	55	59	59	55	50	51	48	39
3. Inlet 135V		62	54	57	57	53	47	48	44	34
2. Inlet 110V		60	53	55	55	52	44	46	40	31
1. Inlet 80V		53	47	47	48	47	39	38	31	20

### TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## RKC 200 C3 ErP AC



### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 200, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 200
- Backdraught shutters, RSK 200
- Louvre shutters, VK 20
- Transformer VRDE 1.5, VRTE 1
- Electronic speed controller, VRS 1.0

- Duct fan with circular connection.
- RKC is a converted RK by using a RK-Kit.
- Proven performance and reliability.
- Designed to cope with high pressure and long ducts.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.

- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

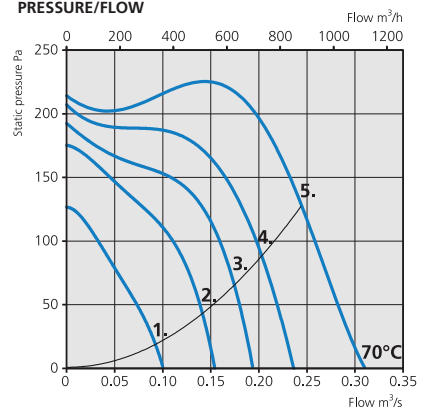
### TECHNICAL DATA

RKC 200 C3 ErP AC	Art.no. 7500047+7600001
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	0.47 / 0.82 A
Power	247 W
Speed	1260 rpm
Capacitor	- μF
Max. temperature of transported air	70 C°
Max. temperature of transported air when speed-controlled	70 C°
Sound pressure level at 3 m	49 dB(A)
Weight	10.1 kg
Wiring diagram	Y 4040004 / Δ 4040003

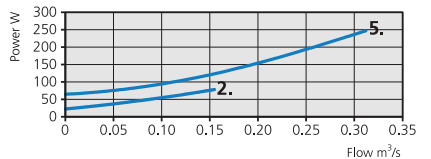
### SOUND DATA

	$L_{pA}$	$L_{WA}$ tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	49	56	36	45	52	51	48	45	43	37
5. Outlet 400V		77	67	68	70	68	68	70	68	64
5. Inlet 400V		70	58	65	65	62	58	58	59	54
4. Inlet 240V		67	58	61	61	59	54	55	55	49
3. Inlet 185V		63	54	57	57	57	51	52	51	43
2. Inlet 145V		59	51	53	52	53	48	47	45	36
1. Inlet 95V		49	40	41	42	45	38	34	29	17

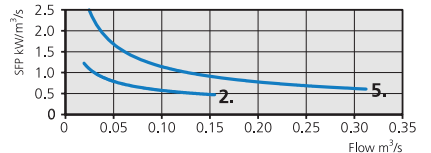
### PRESSURE/FLOW



### POWER/FLOW



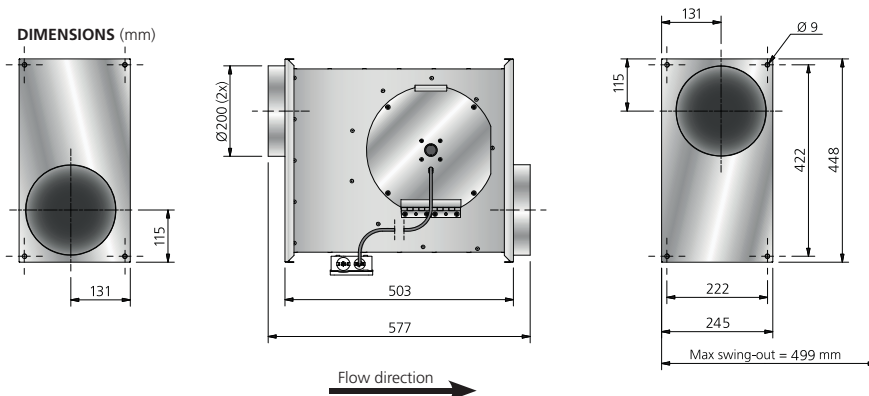
### SFP



### TRANSFORMER STEPS

1. 95V 2. 145V 3. 185V 4. 240V 5. 400V

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## RKC 250 D1 AC



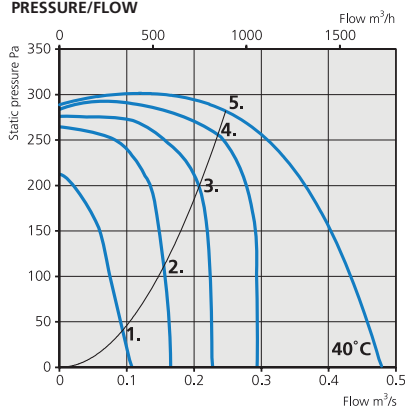
- Duct fan with circular connection.
- RKC is a converted RK by using a RK-Kit.
- Proven performance and reliability.
- Designed to cope with high pressure and long ducts.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.

- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.
- This product is not approved for use in the EU, EFTA or EEA countries.

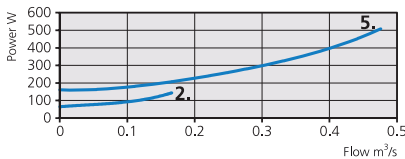
### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 250, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 250
- Backdraught shutters, RSK 250
- Louvre shutters, VK 25
- Transformer VRDE 3, VRTE 3
- Electronic speed controller, VRS 2.0

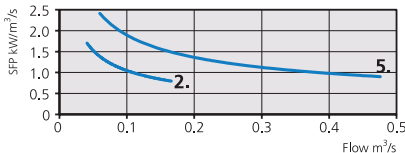
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TECHNICAL DATA

RKC 250 D1 AC	Art.no. 7500037+7600002
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	2.40 A
Power	520 W
Speed	1110 rpm
Capacitor	8 µF
Max. temperature of transported air	40 C°
Max. temperature of transported air when speed-controlled	40 C°
Sound pressure level at 3 m	56 dB(A)
Weight	20.0 kg
Wiring diagram	4040005

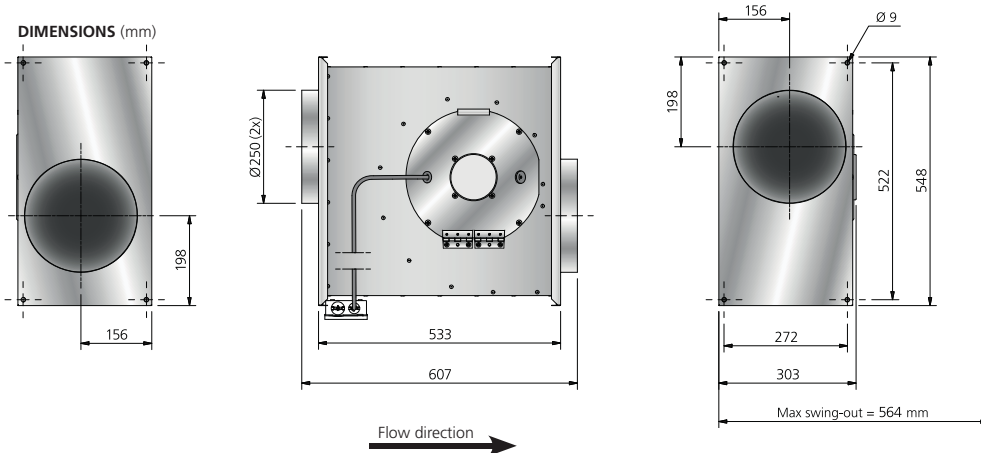
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	56	63	39	48	57	55	57	54	51	48
5. Outlet 230V		80	61	65	68	71	75	73	72	68
5. Inlet 230V		74	61	68	67	61	63	66	64	59
4. Inlet 165V		71	60	63	65	60	61	64	63	56
3. Inlet 135V		70	57	65	62	57	58	61	60	52
2. Inlet 110V		66	53	65	57	53	52	55	52	42
1. Inlet 80V		59	40	59	45	42	38	39	32	19

### TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## RKC 250 D3 ErP AC



### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 250, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 250
- Backdraught shutters, RSK 250
- Louvre shutters, VK 25
- Transformer VRDE 1.5, VRTE 1
- Electronic speed controller, VRS 1.0

- Duct fan with circular connection.
- RKC is a converted RK by using a RK-Kit.
- Proven performance and reliability.
- Designed to cope with high pressure and long ducts.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.

- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

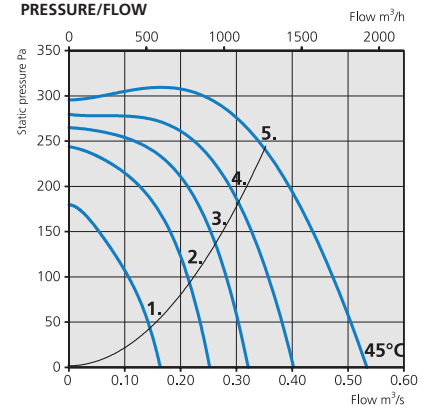
### TECHNICAL DATA

RKC 250 D3 ErP AC	Art.no. 7500010+7600002
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	0.93 / 1.61 A
Power	545 W
Speed	1270 rpm
Capacitor	- μF
Max. temperature of transported air	45 C°
Max. temperature of transported air when speed-controlled	45 C°
Sound pressure level at 3 m	56 dB(A)
Weight	20.1 kg
Wiring diagram	Y 4040004 / Δ 4040003

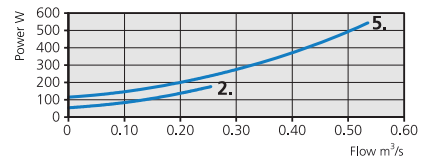
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	56	63	40	47	56	56	57	55	51	44
5. Outlet 400V		78	59	63	66	69	73	72	71	65
5. Inlet 400V		72	60	64	66	62	63	65	64	58
4. Inlet 240V		69	58	61	62	58	59	62	60	54
3. Inlet 185V		67	57	59	60	57	57	60	58	50
2. Inlet 145V		64	56	58	58	55	54	57	54	46
1. Inlet 95V		58	49	51	51	50	47	50	46	35

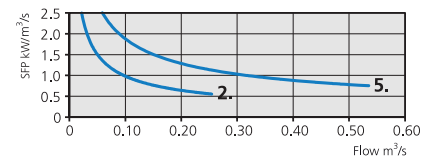
### PRESSURE/FLOW



### POWER/FLOW



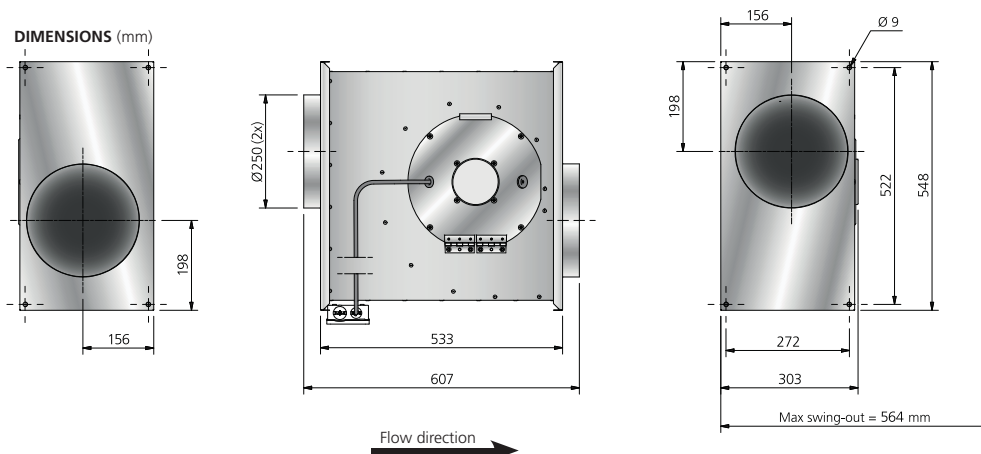
### SFP



### TRANSFORMER STEPS

1. 95V 2. 145V 3. 185V 4. 240V 5. 400V

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## RKC 315 B1 AC



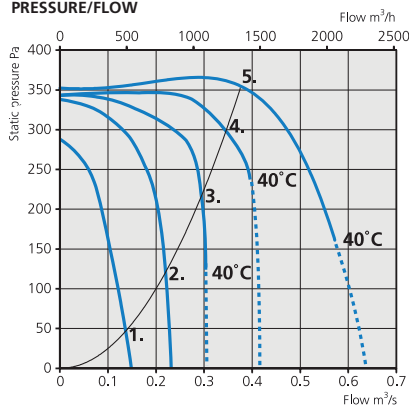
- Duct fan with circular connection.
- RKC is a converted RK by using a RK-Kit.
- Proven performance and reliability.
- Designed to cope with high pressure and long ducts.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.

- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.
- This product is not approved for use in the EU, EFTA or EEA countries.

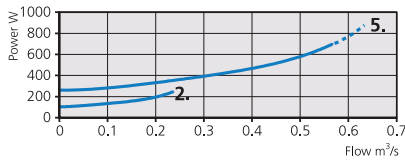
### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 315, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 315
- Backdraught shutters, RSK 315
- Louvre shutters, VK 31
- Transformer VRDE 7, VRTE 5
- Electronic speed controller, VRS 4.0

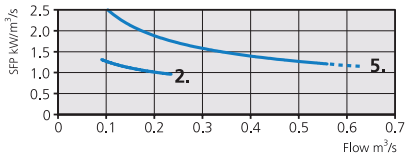
### PRESSURE/FLOW



### POWER/FLOW



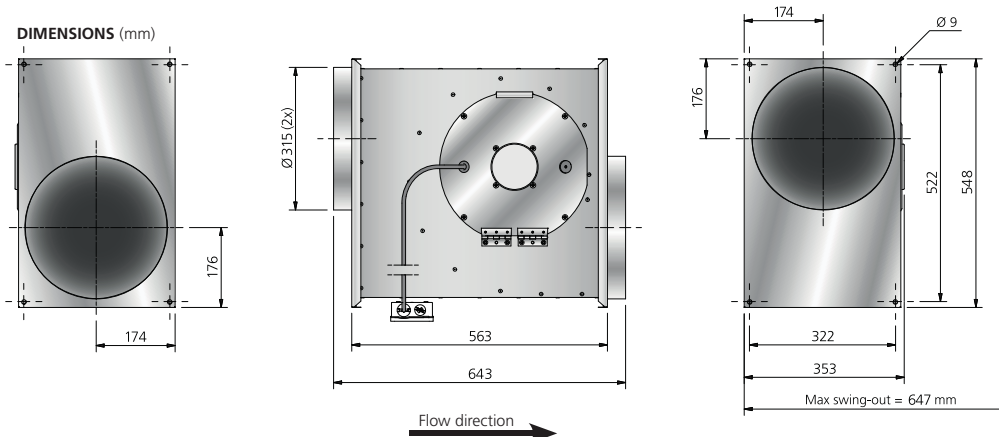
### SFP



### TRANSFORMER STEPS

1. 80V    2. 110V    3. 135V    4. 165V    5. 230V

### DIMENSIONS (mm)



### TECHNICAL DATA

RKC 315 B1 AC	Art.no. 7500039+7600003
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	3.20 A
Power	690 W
Speed	1270 rpm
Capacitor	12 µF
Max. temperature of transported air	40 C°
Max. temperature of transported air when speed-controlled	40 C°
Sound pressure level at 3 m	55 dB(A)
Weight	23.5 kg
Wiring diagram	4040005

### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	55	62	35	47	58	57	56	51	46	38
5. Outlet 230V		79	65	67	72	69	74	72	72	66
5. Inlet 230V		77	64	70	73	61	65	68	66	61
4. Inlet 165V		72	63	66	65	58	61	65	63	56
3. Inlet 135V		71	63	64	63	57	59	63	61	54
2. Inlet 110V		68	60	62	60	55	57	60	58	50
1. Inlet 80V		63	56	57	57	51	50	54	50	40



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## RKC 315 B3 ErP AC



### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 315, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 315
- Backdraught shutters, RSK 315
- Louvre shutters, VK 31
- Transformer VRDt 2, VRT 2

- Duct fan with circular connection.
- RKC is a converted RK by using a RK-Kit.
- Proven performance and reliability.
- Designed to cope with high pressure and long ducts.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.

- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

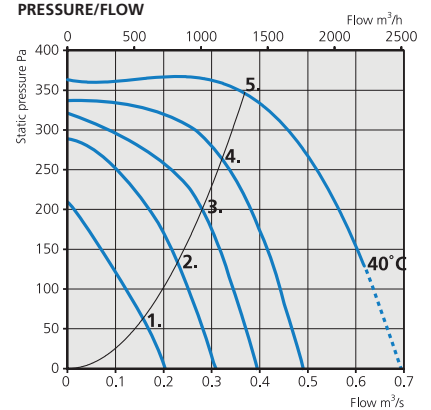
### TECHNICAL DATA

RKC 315 B3 ErP AC	Art.no. 7500013+7600003
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	1.50 / 2.50 A
Power	720 W
Speed	1260 rpm
Capacitor	- μF
Max. temperature of transported air	40 C°
Max. temperature of transported air when speed-controlled	40 C°
Sound pressure level at 3 m	55 dB(A)
Weight	23.5 kg
Wiring diagram	Y 4040004 / Δ 4040003

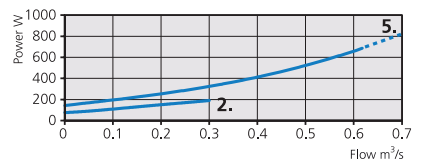
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	55	62	37	48	56	54	57	54	52	45
5. Outlet 400V		81	67	68	71	72	76	74	74	69
5. Inlet 400V		76	66	69	68	63	67	70	68	63
4. Inlet 240V		73	64	66	65	61	63	66	64	59
3. Inlet 185V		69	61	62	60	57	59	62	60	53
2. Inlet 145V		65	58	58	57	54	55	58	56	47
1. Inlet 95V		58	52	51	50	49	46	49	44	36

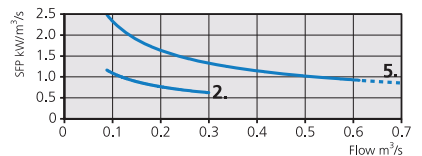
### PRESSURE/FLOW



### POWER/FLOW



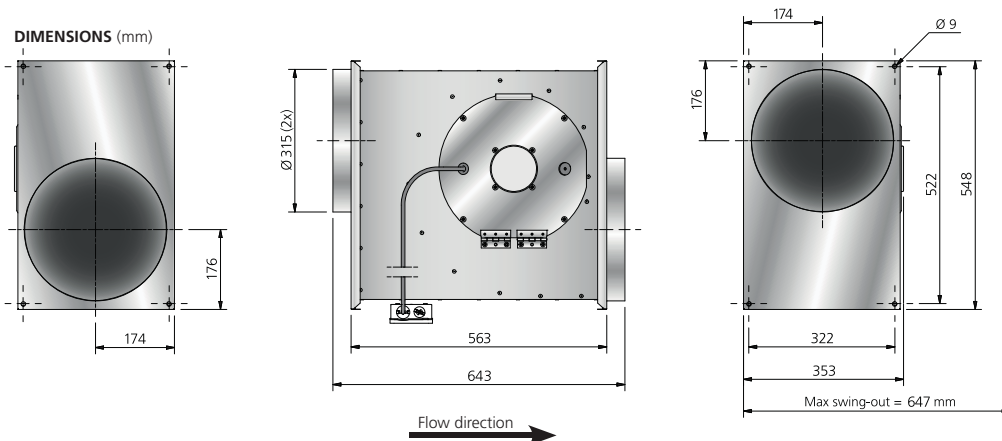
### SFP



### TRANSFORMER STEPS

1. 95V 2. 145V 3. 185V 4. 240V 5. 400V

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## RKC 315 F1 AC



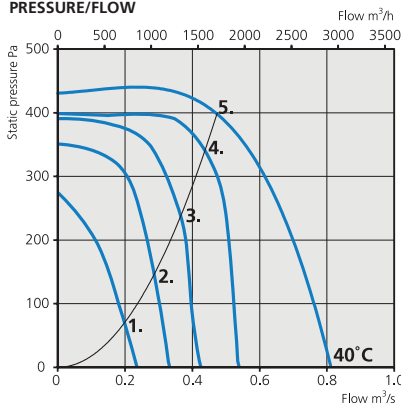
- Duct fan with circular connection.
- RKC is a converted RK by using a RK-Kit.
- Proven performance and reliability.
- Designed to cope with high pressure and long ducts.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.

- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.
- This product is not approved for use in the EU, EFTA or EEA countries.

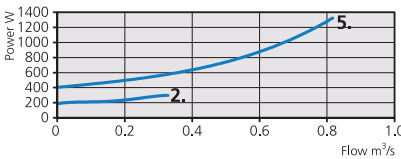
### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 315, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 315
- Backdraught shutters, RSK 315
- Louvre shutters, VK 31
- Transformer VRDE 7, VRTE 7
- Electronic speed controller, VRS 4.0

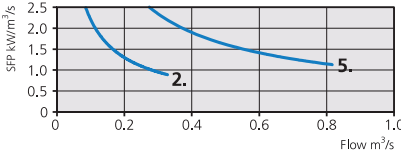
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TECHNICAL DATA

RKC 315 F1 AC	Art.no. 7500041+7600004
Voltage	230/50 V/Hz
Voltage range	220-240 / 50/60 V/Hz
Phase	1 ~
Current	5.80 A
Power	1230 W
Speed	990 rpm
Capacitor	20 µF
Max. temperature of transported air	40 C°
Max. temperature of transported air when speed-controlled	40 C°
Sound pressure level at 3 m	57 dB(A)
Weight	38.1 kg
Wiring diagram	4040005

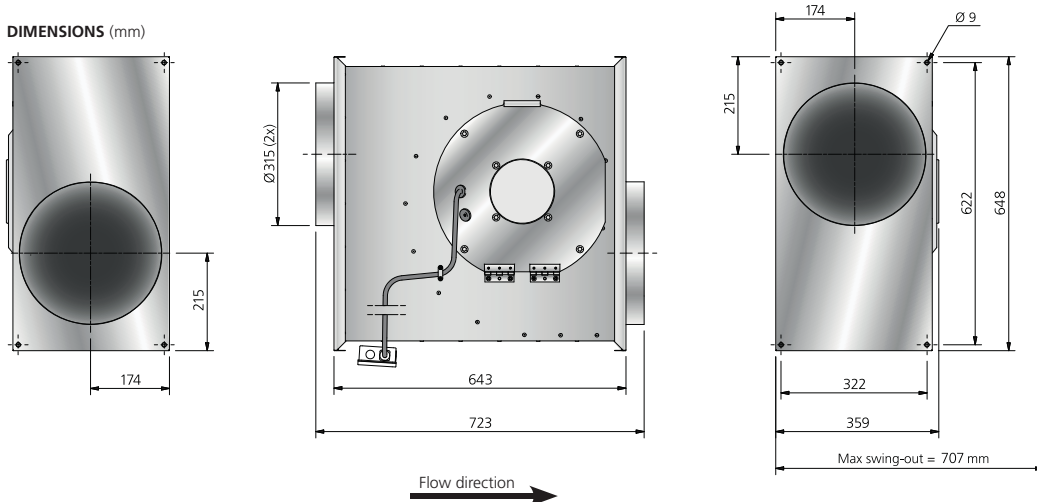
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	57	64	41	55	57	56	59	55	54	49
5. Outlet 230V		82	66	69	72	73	76	75	75	69
5. Inlet 230V		79	67	70	71	65	72	72	70	65
4. Inlet 165V		76	65	67	69	63	69	68	66	61
3. Inlet 135V		72	63	64	65	60	64	64	63	56
2. Inlet 110V		68	58	63	58	56	57	58	56	48
1. Inlet 80V		61	50	59	50	49	47	49	43	32

### TRANSFORMER STEPS

1. 80V    2. 110V    3. 135V    4. 165V    5. 230V

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## RKC 315 F3 ErP AC



### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 315, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 315
- Backdraught shutters, RSK 315
- Louvre shutters, VK 31
- Transformer VRDT 4, VRTT 4

- Duct fan with circular connection.
- RKC is a converted RK by using a RK-Kit.
- Proven performance and reliability.
- Designed to cope with high pressure and long ducts.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.

- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

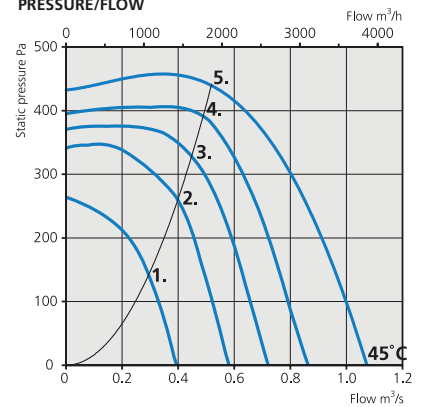
### TECHNICAL DATA

RKC 315 F3 ErP AC	Art.no. 7500017+7600004
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	3.10 / 5.40 A
Power	1670 W
Speed	1300 rpm
Capacitor	- μF
Max. temperature of transported air	45 °C
Max. temperature of transported air when speed-controlled	45 °C
Sound pressure level at 3 m	58 dB(A)
Weight	37.6 kg
Wiring diagram	Y 4040004 / Δ 4040003

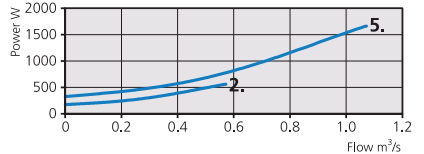
### SOUND DATA

	$L_{pA}$	$L_{WA}$ tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	58	65	41	56	58	57	60	57	55	50
5. Outlet 400V		85	66	69	73	75	79	78	78	73
5. Inlet 400V		80	67	70	72	67	73	74	72	67
4. Inlet 240V		78	66	69	70	65	71	71	69	65
3. Inlet 185V		76	64	67	68	64	70	69	68	63
2. Inlet 145V		73	63	64	65	62	66	66	65	59
1. Inlet 95V		66	57	57	58	57	58	59	57	48

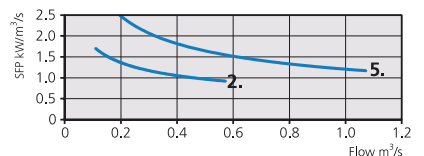
### PRESSURE/FLOW



### POWER/FLOW



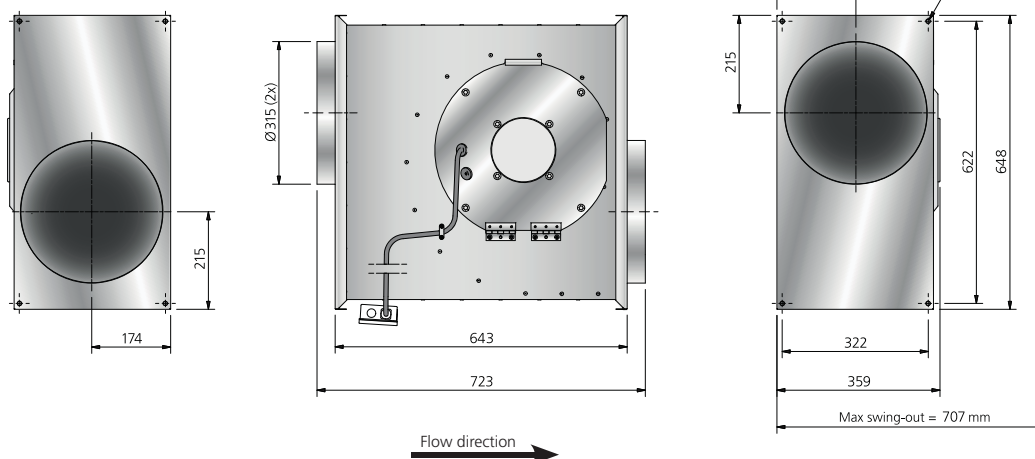
### SFP



### TRANSFORMER STEPS

1. 95V 2. 145V 3. 185V 4. 240V 5. 400V

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## RKC 355 E1 AC



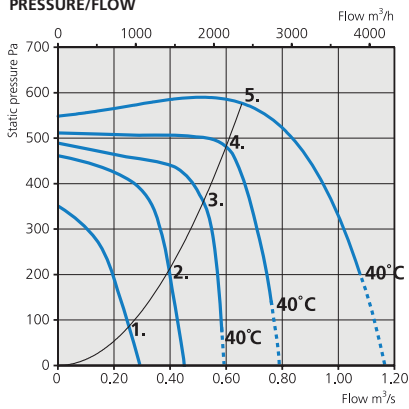
- Duct fan with circular connection.
- RKC is a converted RK by using a RK-Kit.
- Proven performance and reliability.
- Designed to cope with high pressure and long ducts.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.

- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.
- This product is not approved for use in the EU, EFTA or EEA countries.

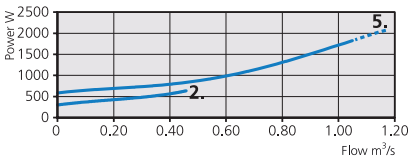
### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 355, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 355
- Backdraught shutters, RSK 355
- Louvre shutters, VK 35
- Transformer VRDE 13, VRTE 13

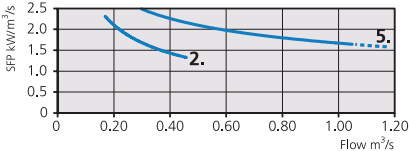
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TECHNICAL DATA

RKC 355 E1 AC	Art.no. 7500043+7600005
Voltage	230/50 V/Hz
Voltage range	220-240 / 50 V/Hz
Phase	1 ~
Current	9.15 A
Power	1960 W
Speed	1200 rpm
Capacitor	30 µF
Max. temperature of transported air	40 C°
Max. temperature of transported air when speed-controlled	40 C°
Sound pressure level at 3 m	60 dB(A)
Weight	46.0 kg
Wiring diagram	4040005

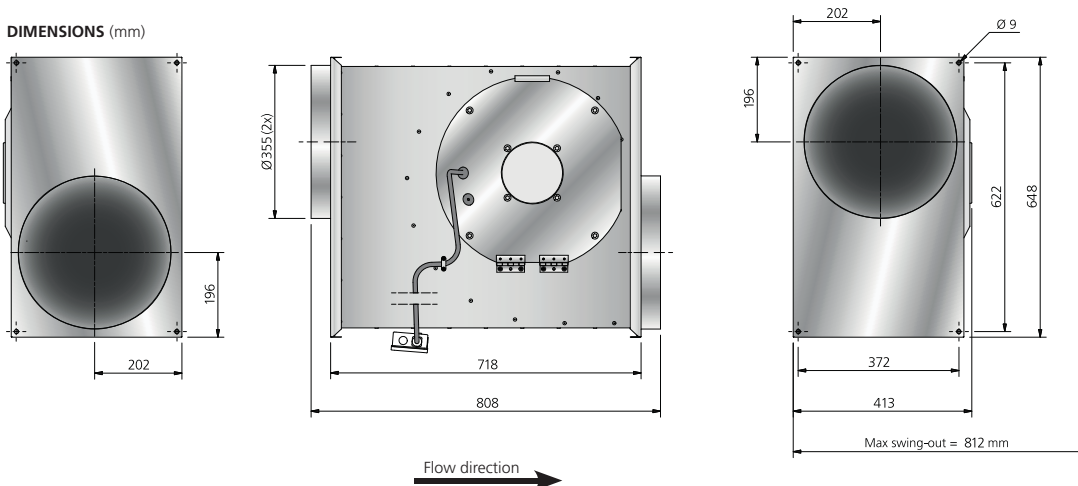
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	60	67	44	57	62	57	62	57	56	51
5. Outlet 230V		86	69	72	74	76	80	79	78	73
5. Inlet 230V		79	68	72	69	66	71	71	70	65
4. Inlet 165V		78	68	71	68	66	70	71	70	65
3. Inlet 135V		76	66	70	67	64	69	69	68	63
2. Inlet 110V		74	64	68	64	62	65	66	65	58
1. Inlet 80V		67	59	63	58	57	57	58	55	46

### TRANSFORMER STEPS

1. 80V    2. 110V    3. 135V    4. 165V    5. 230V

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## RKC 355 E3 ErP AC



### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 355, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 355
- Backdraught shutters, RSK 355
- Louvre shutters, VK 35
- Transformer VRDT 7, VRTT 4

- Duct fan with circular connection.
- RKC is a converted RK by using a RK-Kit.
- Proven performance and reliability.
- Designed to cope with high pressure and long ducts.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.

- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

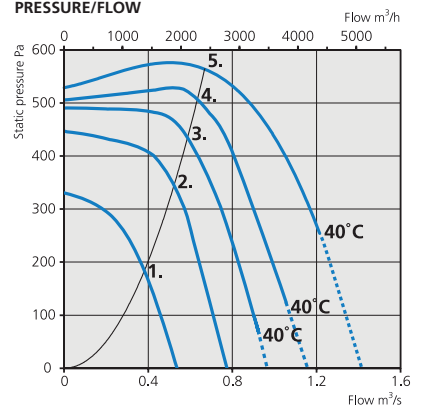
### TECHNICAL DATA

RKC 355 E3 ErP AC	Art.no. 7500021+7600005
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	3.90 / 6.60 A
Power	2060 W
Speed	1350 rpm
Capacitor	- μF
Max. temperature of transported air	40 C°
Max. temperature of transported air when speed-controlled	40 C°
Sound pressure level at 3 m	61 dB(A)
Weight	44.9 kg
Wiring diagram	Y 4040004 / Δ 4040003

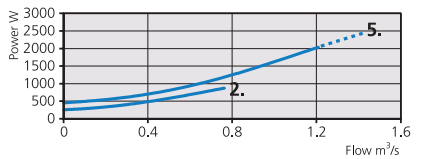
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	61	68	42	55	60	60	63	62	58	54
5. Outlet 400V		87	69	73	74	78	82	81	80	75
5. Inlet 400V		80	70	73	70	68	74	73	72	68
4. Inlet 240V		79	68	71	68	67	72	72	71	66
3. Inlet 185V		77	67	69	67	66	70	70	69	64
2. Inlet 145V		75	64	68	65	63	67	67	66	60
1. Inlet 95V		70	61	64	61	59	62	62	60	52

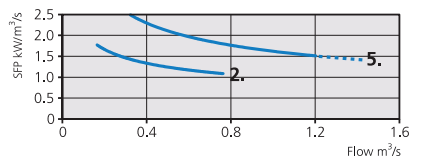
### PRESSURE/FLOW



### POWER/FLOW



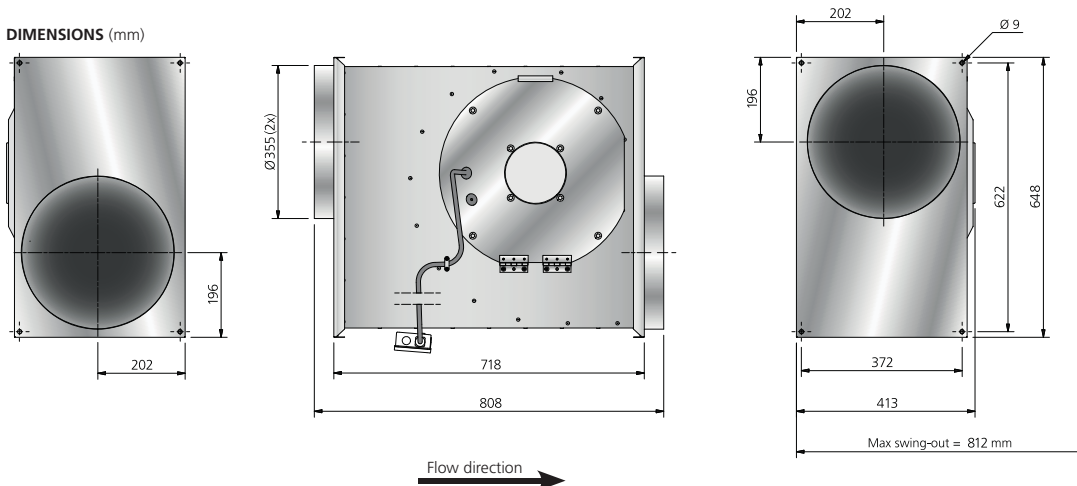
### SFP



### TRANSFORMER STEPS

1. 95V
2. 145V
3. 185V
4. 240V
5. 400V

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## RKC 400 A3 ErP AC



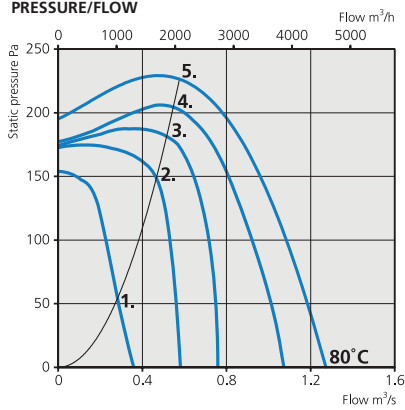
- Duct fan with circular connection.
- RKC is a converted RK by using a RK-Kit.
- Proven performance and reliability.
- Designed to cope with high pressure and long ducts.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.

- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

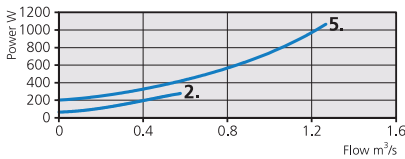
### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 400, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 400
- Backdraught shutters, RSK 400
- Louvre shutters, VK 40
- Transformer VRDT 4, VRTT 4

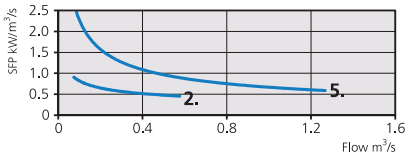
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TECHNICAL DATA

RKC 400 A3 ErP AC	Art.no. 7500022+7600006
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	2.30 / 3.90 A
Power	1020 W
Speed	680 rpm
Capacitor	- μF
Max. temperature of transported air	80 C°
Max. temperature of transported air when speed-controlled	80 C°
Sound pressure level at 3 m	48 dB(A)
Weight	53.1 kg
Wiring diagram	Y 4040004 / Δ 4040003

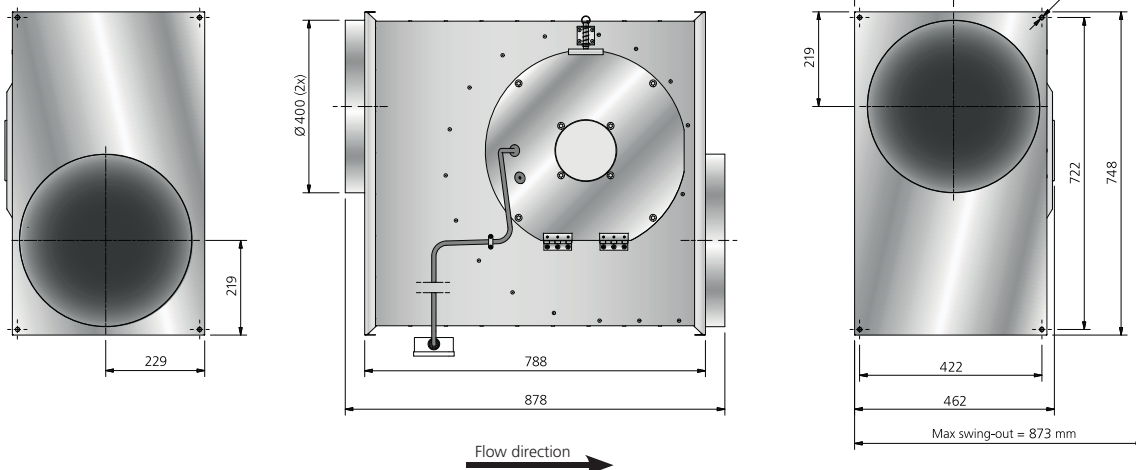
### SOUND DATA

	L <sub>pA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	48	55	39	46	50	50	48	45	40	32
5. Outlet 400V		76	63	64	69	69	69	69	68	61
5. Inlet 400V		67	57	58	59	57	62	60	57	48
4. Inlet 240V		66	56	56	58	55	61	59	56	46
3. Inlet 185V		65	55	56	57	56	60	58	55	46
2. Inlet 145V		64	53	54	56	54	59	56	53	43
1. Inlet 95V		55	46	45	49	45	49	46	39	33

### TRANSFORMER STEPS

1. 95V    2. 145V    3. 185V    4. 240V    5. 400V

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## RKC 400 B3 ErP AC



### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 400, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 400
- Backdraught shutters, RSK 400
- Louvre shutters, VK 40
- Transformer VRDT 4, VRTT 4

- Duct fan with circular connection.
- RKC is a converted RK by using a RK-Kit.
- Proven performance and reliability.
- Designed to cope with high pressure and long ducts.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.

- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

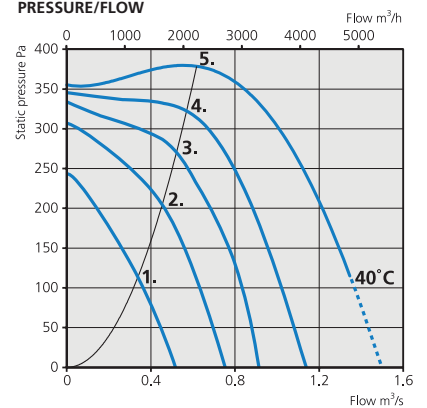
### TECHNICAL DATA

RKC 400 B3 ErP AC	Art.no. 7500023+7600006
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	3.20 / 5.50 A
Power	1530 W
Speed	830 rpm
Capacitor	- μF
Max. temperature of transported air	40 C°
Max. temperature of transported air when speed-controlled	40 C°
Sound pressure level at 3 m	61 dB(A)
Weight	52.9 kg
Wiring diagram	Y 4040004 / Δ 4040003

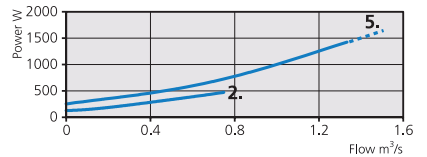
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	61	68	41	51	56	57	62	64	61	52
5. Outlet 400V		79	66	66	69	70	73	72	72	65
5. Inlet 400V		74	64	65	65	63	68	68	66	60
4. Inlet 240V		72	62	62	62	61	65	65	64	56
3. Inlet 185V		69	60	60	60	58	63	62	61	53
2. Inlet 145V		66	57	56	57	55	60	59	58	48
1. Inlet 95V		59	50	50	51	50	52	52	47	37

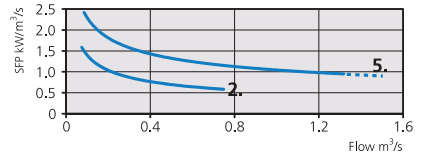
### PRESSURE/FLOW



### POWER/FLOW



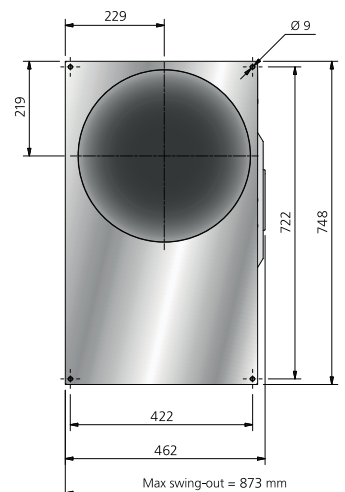
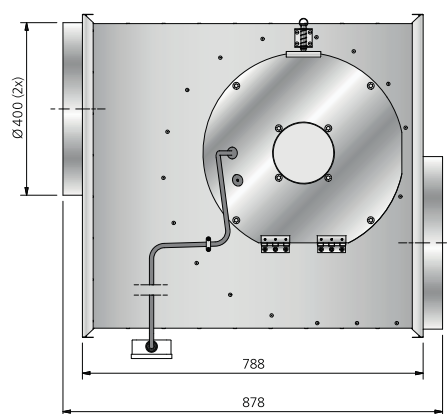
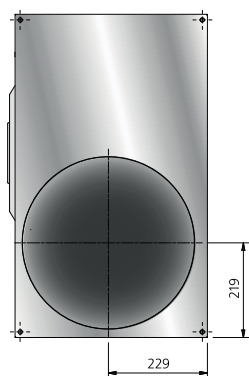
### SFP



### TRANSFORMER STEPS

1. 95V 2. 145V 3. 185V 4. 240V 5. 400V

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## RKC 400 D3 ErP AC



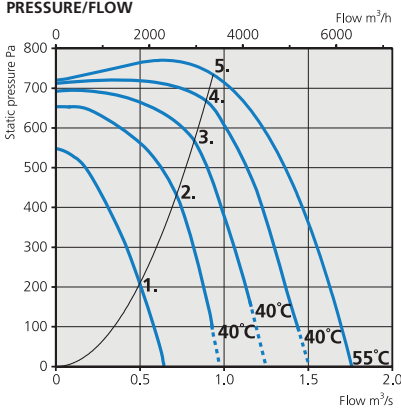
### ACCESSORIES

- Mounting clamp, MK 400, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 400
- Backdraught shutters, RSK 400
- Louvre shutters, VK 40
- Transformer VRDT 7, VRTT 7

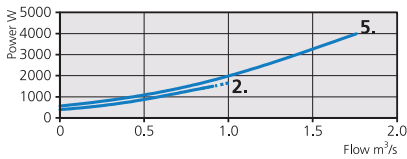
- Duct fan with circular connection.
- RKC is a converted RK by using a RK-Kit.
- Proven performance and reliability.
- Designed to cope with high pressure and long ducts.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.

- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

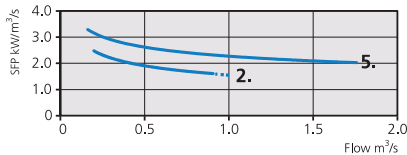
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TECHNICAL DATA

RKC 400 D3 ErP AC	Art.no. 7500024+7600006
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	6.80 / 11.8 A
Power	4000 W
Speed	1370 rpm
Capacitor	- μF
Max. temperature of transported air	55 C°
Max. temperature of transported air when speed-controlled	40 C°
Sound pressure level at 3 m	67 dB(A)
Weight	62.8 kg
Wiring diagram	Y 4040004 / Δ 4040003

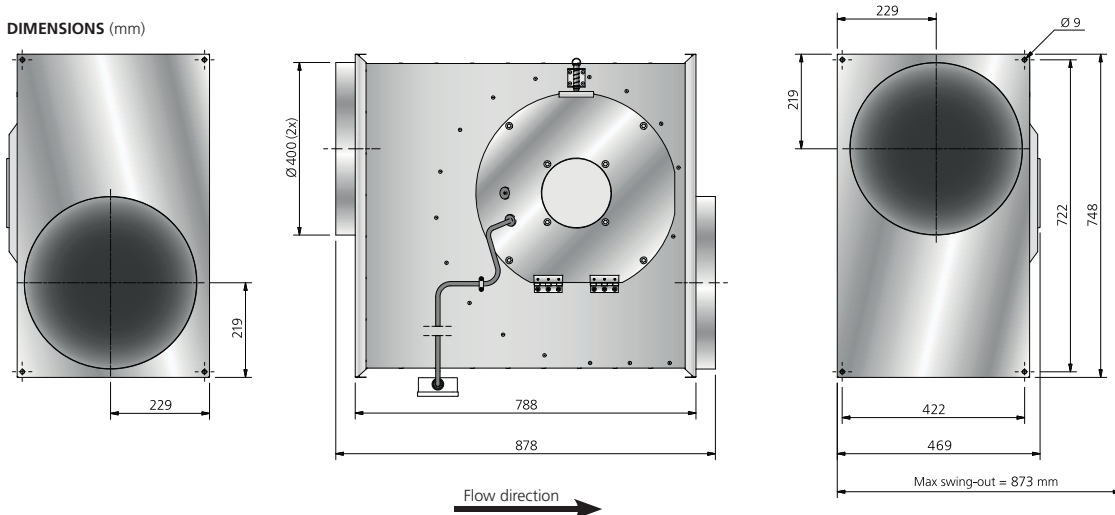
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	67	74	57	63	66	67	68	67	65	59
5. Outlet 400V		90	75	76	79	78	84	84	83	78
5. Inlet 400V		87	74	76	76	72	83	81	79	75
4. Inlet 240V		88	74	76	77	74	84	82	80	76
3. Inlet 185V		84	71	73	73	71	80	78	76	72
2. Inlet 145V		80	69	70	70	67	76	73	72	67
1. Inlet 95V		73	62	63	63	61	68	66	64	57

### TRANSFORMER STEPS

1. 95V    2. 145V    3. 185V    4. 240V    5. 400V

### DIMENSIONS (mm)





# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## RKC 500 C3 ErP AC



### ACCESSORIES

- Mounting clamp, MK 500, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 500
- Backdraught shutters, RSK 500
- Louvre shutters, VK 50
- Transformer VRDT 4, VRTT 4

- Duct fan with circular connection.
- RKC is a converted RK by using a RK-Kit.
- Proven performance and reliability.
- Designed to cope with high pressure and long ducts.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.

- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

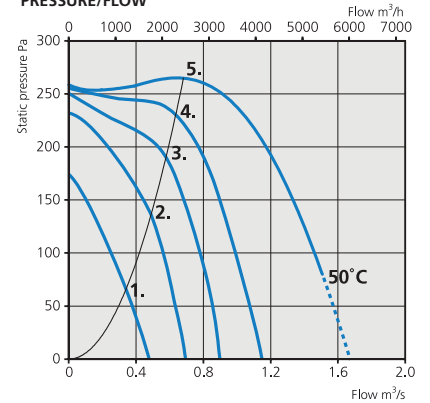
### TECHNICAL DATA

RKC 500 C3 ErP AC	Art.no. 7500025+7600007
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	2.90 / 5.10 A
Power	1290 W
Speed	640 rpm
Capacitor	-0 μF
Max. temperature of transported air	40 C°
Max. temperature of transported air when speed-controlled	40 C°
Sound pressure level at 3 m	51 dB(A)
Weight	72.3 kg
Wiring diagram	Y 4040004 / Δ 4040003

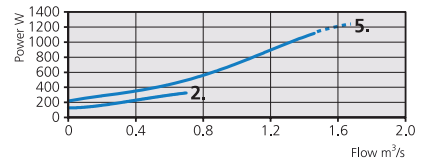
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	51	58	39	46	50	54	53	47	42	34
5. Outlet 400V		77	55	62	63	70	71	70	69	60
5. Inlet 400V		71	57	62	59	62	66	65	63	54
4. Inlet 240V		70	55	60	58	60	64	64	61	52
3. Inlet 185V		67	54	57	56	57	62	61	57	48
2. Inlet 145V		62	49	53	54	53	57	56	51	41
1. Inlet 95V		53	40	45	46	43	48	46	36	25

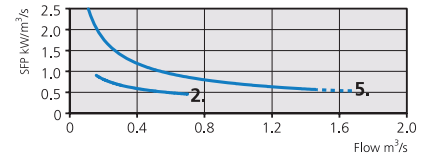
### PRESSURE/FLOW



### POWER/FLOW



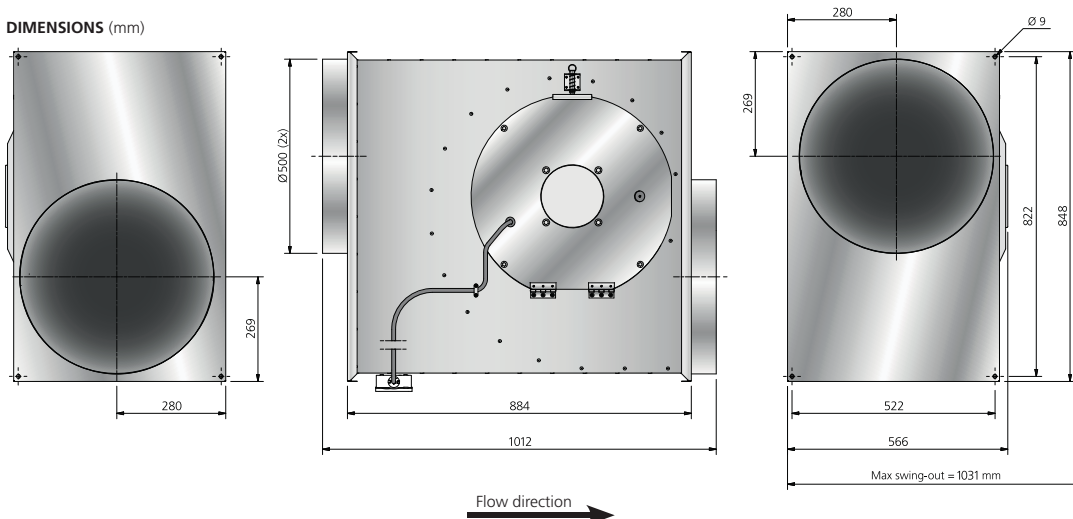
### SFP



### TRANSFORMER STEPS

1. 95V
2. 145V
3. 185V
4. 240V
5. 400V

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## RKC 500 E3 ErP AC



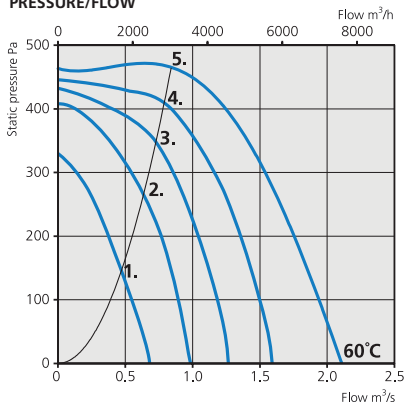
### ACCESSORIES

- Mounting clamp, MK 400, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 400
- Backdraught shutters, RSK 400
- Louvre shutters, VK 40
- Transformer VRDT 7, VRTT 7

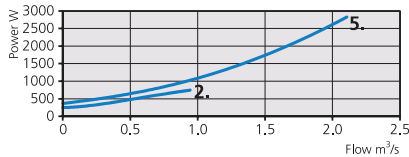
- Duct fan with circular connection.
- RKC is a converted RK by using a RK-Kit.
- Proven performance and reliability.
- Designed to cope with high pressure and long ducts.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.

- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

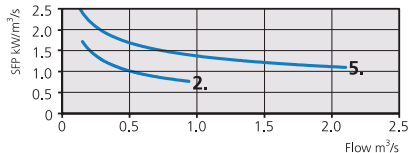
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TECHNICAL DATA

RKC 500 E3 ErP AC	Art.no. 7500026+7600007
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	5.30 / 9.10 A
Power	2810 W
Speed	860 rpm
Capacitor	- μF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed-controlled	60 C°
Sound pressure level at 3 m	58 dB(A)
Weight	76.9 kg
Wiring diagram	Y 4040004 / Δ 4040003

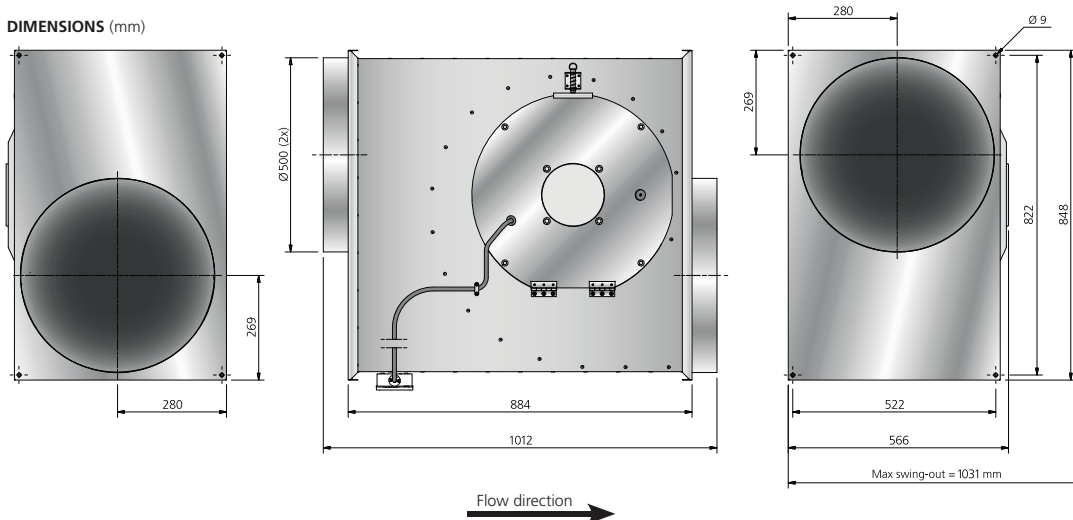
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	58	65	48	53	57	60	61	56	51	44
5. Outlet 400V		85	63	67	68	78	80	78	77	71
5. Inlet 400V		80	64	67	65	70	75	73	71	65
4. Inlet 240V		78	63	66	64	68	73	72	70	63
3. Inlet 185V		76	61	64	62	66	71	70	68	60
2. Inlet 145V		72	57	60	60	62	67	66	64	55
1. Inlet 95V		64	50	53	56	53	58	58	52	41

### TRANSFORMER STEPS

1. 95V    2. 145V    3. 185V    4. 240V    5. 400V

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## RKC 500 F3 ErP AC



### ACCESSORIES

- Mounting clamp, MK 500, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 500
- Backdraught shutters, RSK 500
- Louvre shutters, VK 50
- Transformer VRDT 11, VRTT 11

- Duct fan with circular connection.
- RKC is a converted RK by using a RK-Kit.
- Proven performance and reliability.
- Designed to cope with high pressure and long ducts.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.

- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

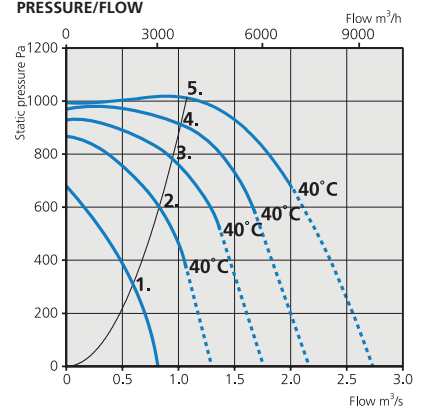
### TECHNICAL DATA

RKC 500 F3 ErP AC	Art.no. 7500027+7600007
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	9.40 / 16.3 A
Power	5350 W
Speed	1380 rpm
Capacitor	- μF
Max. temperature of transported air	40 C°
Max. temperature of transported air when speed-controlled	40 C°
Sound pressure level at 3 m	68 dB(A)
Weight	85.9 kg
Wiring diagram	Y 4040004 / Δ 4040003

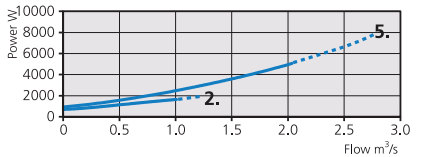
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	68	75	60	64	64	67	72	66	60	54
5. Outlet 400V		91	65	72	73	80	88	86	83	78
5. Inlet 400V		86	67	73	72	75	82	80	78	73
4. Inlet 240V		86	66	72	71	75	82	80	77	72
3. Inlet 185V		84	66	71	70	73	80	78	76	71
2. Inlet 145V		82	64	68	67	72	78	76	74	68
1. Inlet 95V		74	59	62	61	65	70	68	66	58

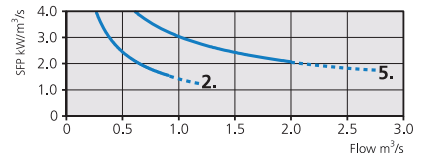
### PRESSURE/FLOW



### POWER/FLOW



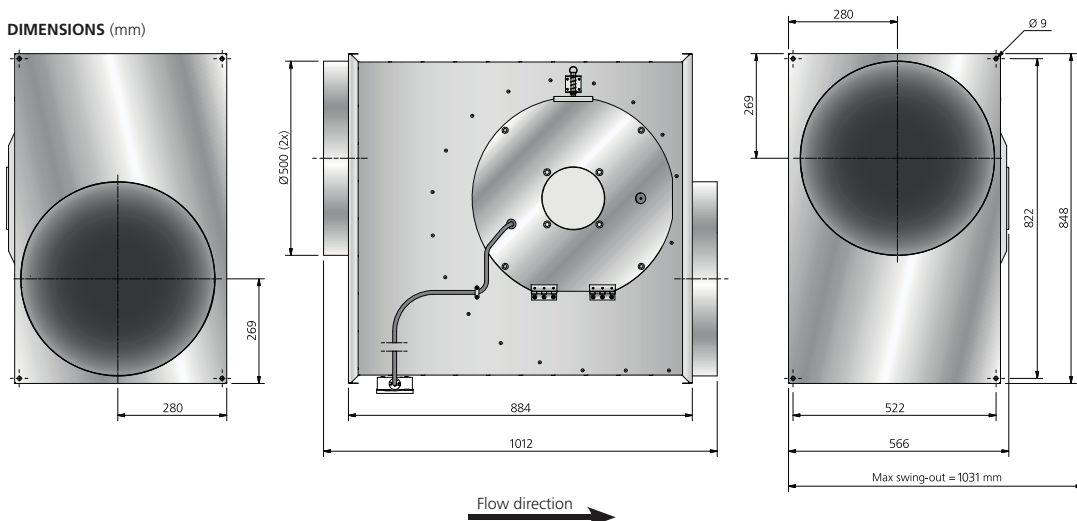
### SFP



### TRANSFORMER STEPS

1. 95V 2. 145V 3. 185V 4. 240V 5. 400V

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## RKC 500 G3 ErP AC



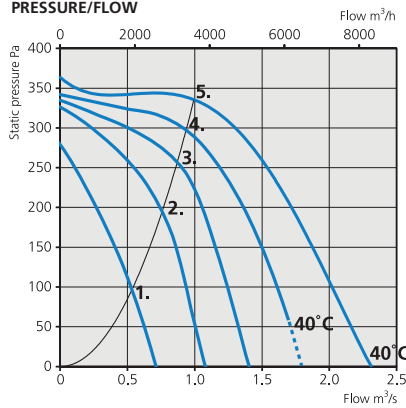
- Duct fan with circular connection.
- RKC is a converted RK by using a RK-Kit.
- Proven performance and reliability.
- Designed to cope with high pressure and long ducts.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.

- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

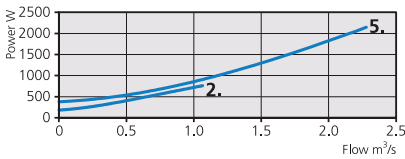
### ACCESSORIES

- Mounting clamp, MK 500, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 500
- Backdraught shutters, RSK 500
- Louvre shutters, VK 50
- Transformer VRDT 7, VRTT 7

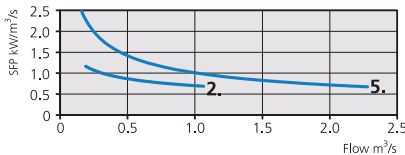
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TECHNICAL DATA

RKC 500 G3 ErP AC	Art.no. 7500028+7600008
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	5.20 / 8.90 A
Power	2480 W
Speed	690 rpm
Capacitor	- μF
Max. temperature of transported air	40 C°
Max. temperature of transported air when speed-controlled	40 C°
Sound pressure level at 3 m	59 dB(A)
Weight	99.2 kg
Wiring diagram	Y 4040004 / Δ 4040003

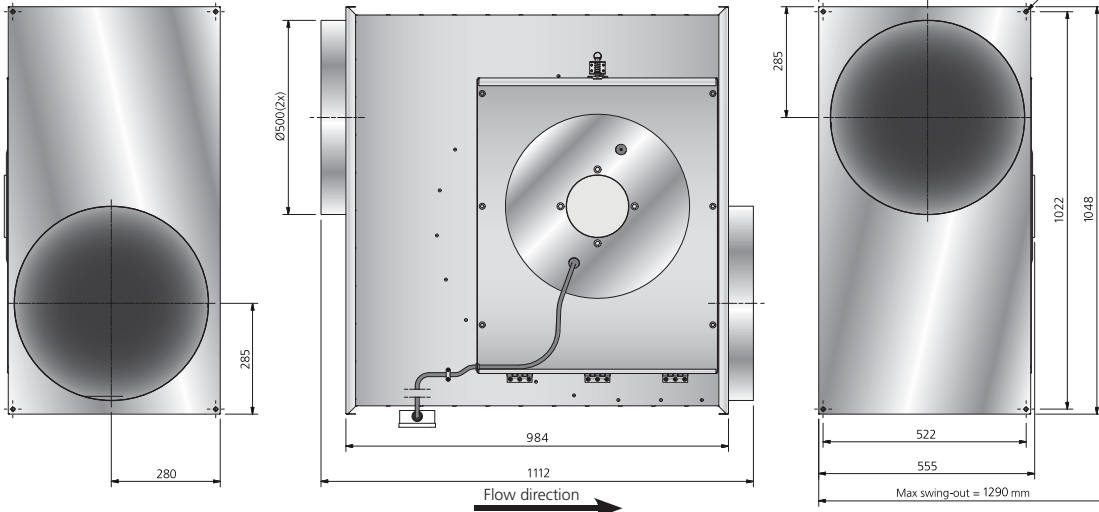
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	59	66	47	56	56	62	58	57	54	47
5. Outlet 400V		82	61	65	67	76	78	76	74	65
5. Inlet 400V		76	61	63	62	70	70	70	68	59
4. Inlet 240V		79	63	65	64	72	73	72	71	64
3. Inlet 185V		76	62	63	62	70	70	70	69	60
2. Inlet 145V		73	60	59	61	66	66	67	65	55
1. Inlet 95V		66	52	55	55	59	59	59	56	43

### TRANSFORMER STEPS

1. 95V 2. 145V 3. 185V 4. 240V 5. 400V

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## RKC 500 H3 ErP AC



### ACCESSORIES

- Mounting clamp, MK 500, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 500
- Backdraught shutters, RSK 500
- Louvre shutters, VK 50
- Transformer VRDT 11, VRTT 11

- Duct fan with circular connection.
- RKC is a converted RK by using a RK-Kit.
- Proven performance and reliability.
- Designed to cope with high pressure and long ducts.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.

- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

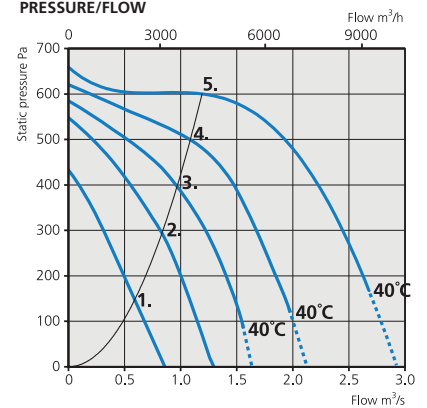
### TECHNICAL DATA

RKC 500 H3 ErP AC	Art.no. 7500029+7600008
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	7.40 / 12.0 A
Power	4150 W
Speed	890 rpm
Capacitor	- μF
Max. temperature of transported air	40 C°
Max. temperature of transported air when speed-controlled	40 C°
Sound pressure level at 3 m	63 dB(A)
Weight	99.7 kg
Wiring diagram	Y 4040004 / Δ 4040003

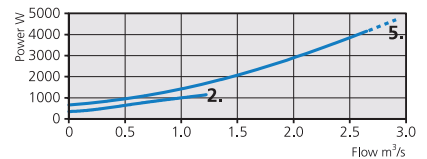
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	63	70	54	62	61	65	63	61	56	50
5. Outlet 400V		86	64	69	69	78	82	80	78	71
5. Inlet 400V		80	64	67	65	74	75	74	73	66
4. Inlet 240V		75	60	61	61	68	68	68	67	57
3. Inlet 185V		72	58	60	59	66	66	66	65	54
2. Inlet 145V		69	55	56	58	63	63	63	61	49
1. Inlet 95V		62	47	49	58	54	54	54	48	35

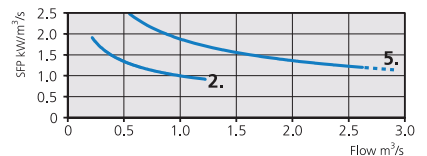
### PRESSURE/FLOW



### POWER/FLOW



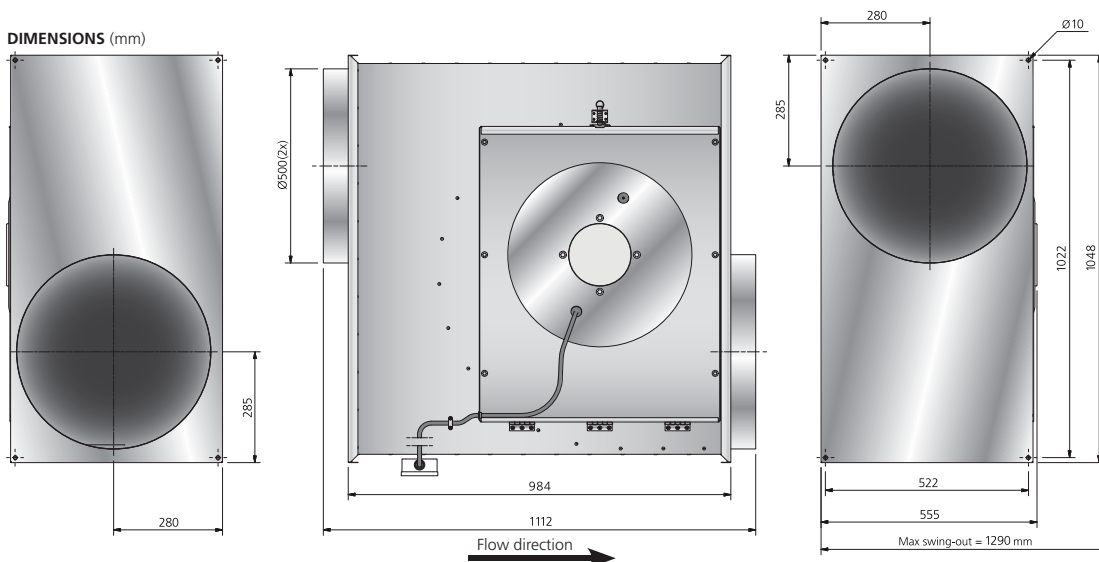
### SFP



### TRANSFORMER STEPS

1. 95V    2. 145V    3. 185V    4. 240V    5. 400V

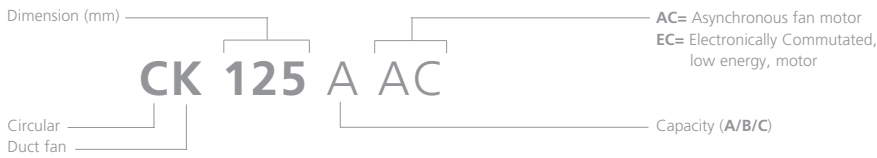
### DIMENSIONS (mm)



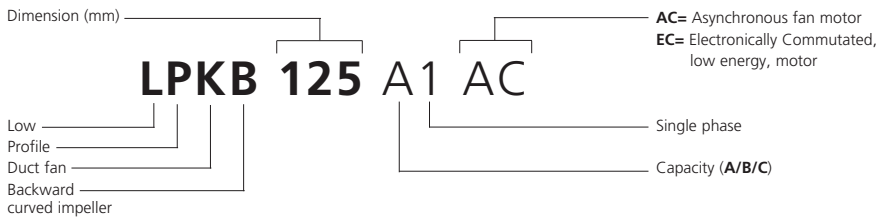


# DUCT FANS WITH CIRCULAR CONNECTIONS

## UNINSULATED



**CK** ..... 8  
The CK has proven performance and reliability. It is compact with high capacity and efficiency with low sound levels.  
CK is available with AC or EC motor.  
Airflows up to 1.800 m<sup>3</sup>/h (0.52 m<sup>3</sup>/s).



**LPKB** ..... 36  
The LPKB is a low profile duct fan with circular connection. A very small and useful duct fan which is perfect for spaces with minimum height clearance. Available with one or two connections at the inlet side. It has high capacity and efficiency with low sound levels.  
LPKB is available with AC or EC motor.  
Airflows up to 1.000 m<sup>3</sup>/h (0.28 m<sup>3</sup>/s).



**RKC** ..... 48  
The RKC is a converted RK by using a RK-Kit. Designed to cope with high pressure and long ducts.  
RKC is available with AC motor.  
Airflows up to 9.100 m<sup>3</sup>/h (2.50 m<sup>3</sup>/s).

## SOUND ATTENUATED

**LPKB Silent** ..... 68  
LPKB Silent is almost the same and has the same benefits as the LPKB. But LPKB Silent is equipped with a built in silencer on the inlet side for an even lower sound level.  
LPKB Silent is available with AC or EC motor.  
Airflows up to 1.000 m<sup>3</sup>/h (0.28 m<sup>3</sup>/s).

## INSULATED



**IRB** ..... 80  
The IRB, equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air. Designed for high pressure and long, complicated duct runs.  
IRB is available with AC or EC motor.  
Airflows up to 10.800 m<sup>3</sup>/h (3.00 m<sup>3</sup>/s).



**IRE** ..... 116  
The IRE, equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air. Designed for high pressure and long, complicated duct runs.  
IRE is available with AC motor.  
Airflows up to 8.200 m<sup>3</sup>/h (2.28 m<sup>3</sup>/s).

**CAU** ..... 140  
**IFA** ..... 144  
**IFK** ..... 148  
These three types have multiple inlets.  
All three types are available with AC motor.

# SOUND ATTENUATED DUCT FANS WITH CIRCULAR CONNECTIONS

## LPKB Silent 100 C1 AC



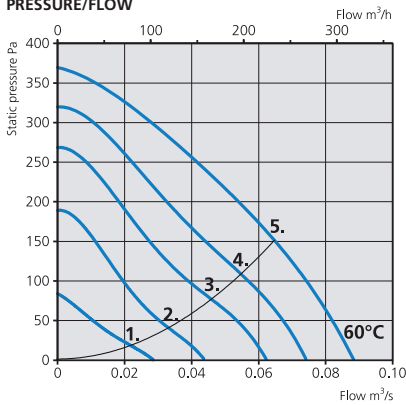
### ACCESSORIES

- Mounting clamp, MK 100, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 100
- Backdraught shutters, RSK 100
- Louvre shutters, VK 10
- Silencer, LDC 100
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

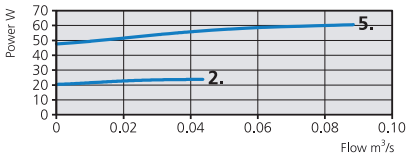
- Low profile duct fan with circular connection.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Equipped with a built in silencer on the inlet side for an even lower sound level.
- High capacity and efficiency.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.

- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

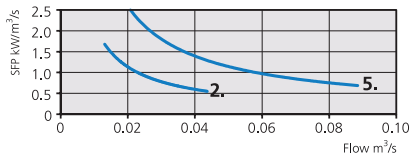
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TECHNICAL DATA

LPKB Silent 100 C1 AC	Art.no. 7540603
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	0.26 A
Power	61 W
Speed	2560 rpm
Capacitor	2 µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	48 dB(A)
Weight	5.9 kg
Wiring diagram	4040001

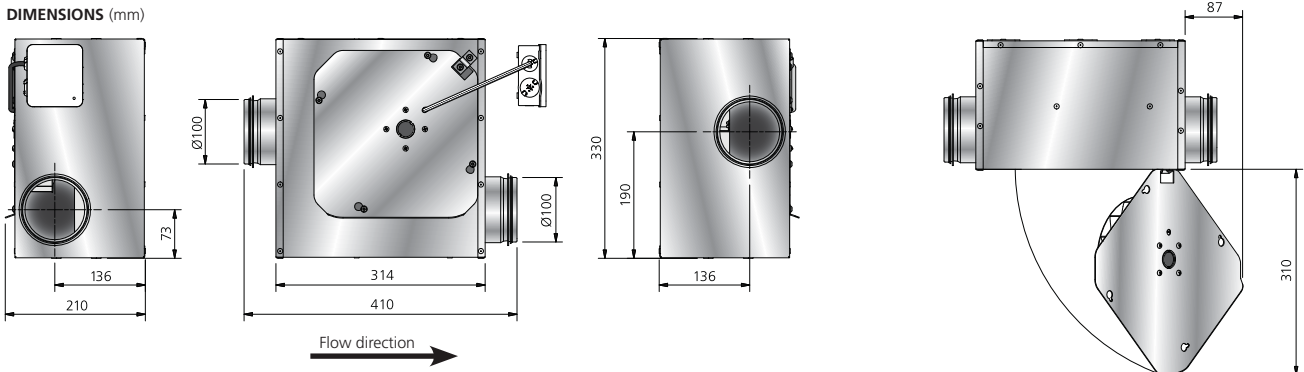
### SOUND DATA

	L <sub>pA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	48	55	32	40	49	53	44	40	33	31
5. Outlet 230V		72	59	61	64	68	65	62	55	49
5. Inlet 230V		63	51	58	60	50	43	40	40	31
4. Inlet 165V		60	49	55	56	46	39	36	35	26
3. Inlet 135V		56	46	52	53	41	33	30	28	18
2. Inlet 110V		49	42	45	44	35	25	20	18	8
1. Inlet 80V		40	33	36	35	24	14	9	10	6

### TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

### DIMENSIONS (mm)





# SOUND ATTENUATED DUCT FANS WITH CIRCULAR CONNECTIONS



## LPKB Silent 125 C1 AC

### ACCESSORIES

- Mounting clamp, MK 125, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 125
- Backdraught shutters, RSK 125
- Louvre shutters, VK 12
- Silencer, LDC 125
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

- Low profile duct fan with circular connection.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Equipped with a built in silencer on the inlet side for an even lower sound level.
- High capacity and efficiency.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.

- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

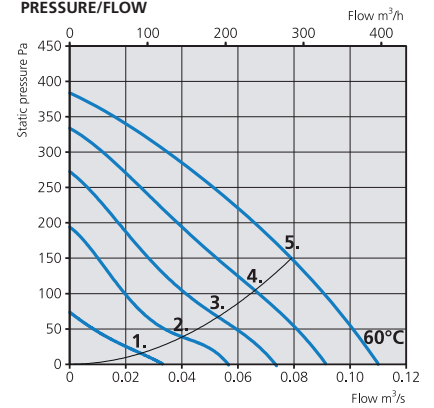
### TECHNICAL DATA

LPKB Silent 125 C1 AC	Art.no. 7540621
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	0.26 A
Power	61 W
Speed	2570 rpm
Capacitor	2 µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	47 dB(A)
Weight	5.9 kg
Wiring diagram	4040001

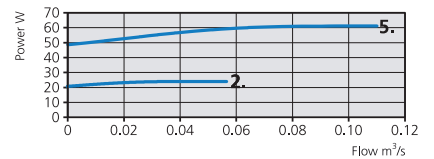
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	47	54	28	38	48	51	43	39	33	30
5. Outlet 230V		72	57	61	65	68	64	61	57	49
5. Inlet 230V		63	52	58	60	53	44	44	43	36
4. Inlet 165V		60	47	55	58	49	40	39	37	29
3. Inlet 135V		56	44	51	53	44	34	34	30	21
2. Inlet 110V		49	39	46	44	37	27	23	19	9
1. Inlet 80V		42	30	40	36	28	15	10	7	4

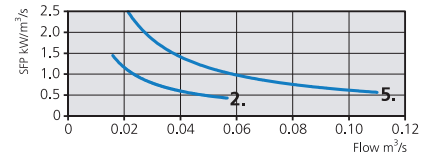
### PRESSURE/FLOW



### POWER/FLOW



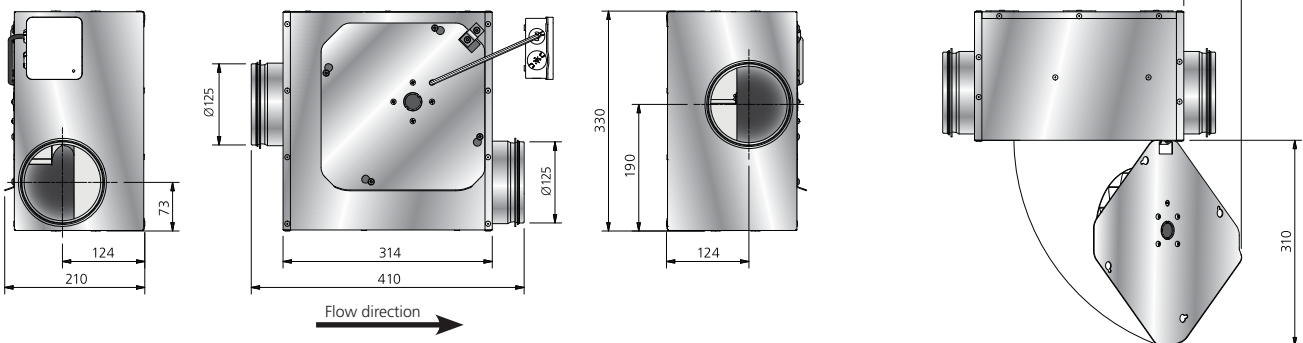
### SFP



### TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

### DIMENSIONS (mm)



# SOUND ATTENUATED DUCT FANS WITH CIRCULAR CONNECTIONS

## LPKB Silent 160 B1 AC



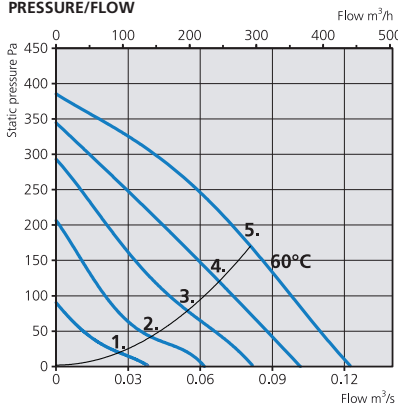
### ACCESSORIES

- Mounting clamp, MK 160, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 160
- Backdraught shutters, RSK 160
- Louvre shutters, VK 16
- Silencer, LDC 160
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

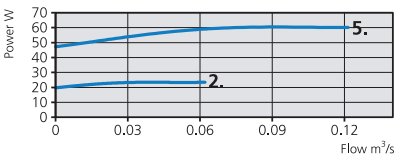
- Low profile duct fan with circular connection.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Equipped with a built in silencer on the inlet side for an even lower sound level.
- High capacity and efficiency.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.

- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

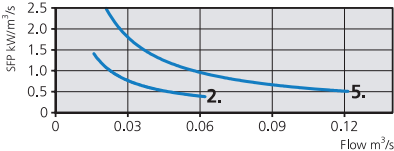
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TECHNICAL DATA

LPKB Silent 160 B1 AC	Art.no. 7540641
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	0.26 A
Power	61 W
Speed	2560 rpm
Capacitor	2 µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	45 dB(A)
Weight	7.6 kg
Wiring diagram	4040001

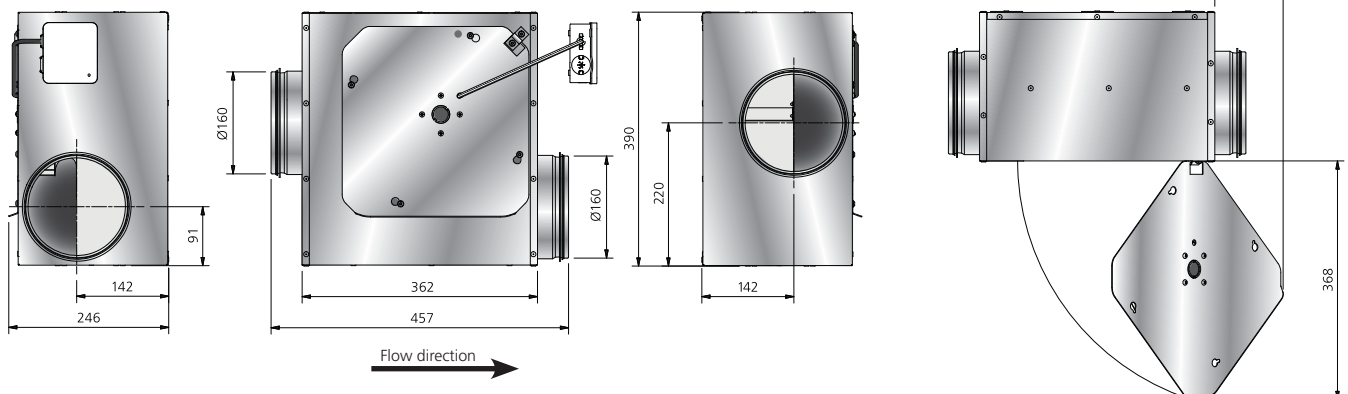
### SOUND DATA

	L <sub>pA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	45	52	27	38	47	50	40	37	32	31
5. Outlet 230V		70	56	60	66	65	59	56	56	48
5. Inlet 230V		63	49	58	61	50	40	45	44	38
4. Inlet 165V		60	46	54	58	46	35	41	38	32
3. Inlet 135V		54	42	49	51	39	29	34	30	22
2. Inlet 110V		47	36	45	43	32	22	25	19	9
1. Inlet 80V		40	29	38	34	21	10	10	7	5

### TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

### DIMENSIONS (mm)



# SOUND ATTENUATED DUCT FANS WITH CIRCULAR CONNECTIONS



## LPKB Silent 160 C1 AC

### ACCESSORIES

- Mounting clamp, MK 160, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 160
- Backdraught shutters, RSK 160
- Louvre shutters, VK 16
- Silencer, LDC 160
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

- Low profile duct fan with circular connection.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Equipped with a built in silencer on the inlet side for an even lower sound level.
- High capacity and efficiency.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.

- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

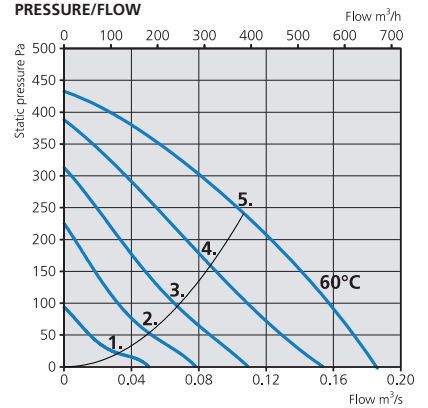
### TECHNICAL DATA

LPKB Silent 160 C1 AC	Art.no. 7540643
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	0.47 A
Power	108 W
Speed	2520 rpm
Capacitor	3 µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	51 dB(A)
Weight	7.8 kg
Wiring diagram	4040001

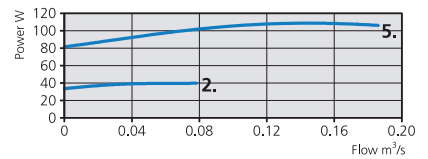
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	51	58	31	40	53	55	46	44	38	31
5. Outlet 230V		75	59	62	67	73	66	63	63	51
5. Inlet 230V		66	52	60	64	58	50	47	48	35
4. Inlet 165V		63	48	57	60	53	45	42	41	28
3. Inlet 135V		58	45	53	55	47	39	35	33	19
2. Inlet 110V		52	39	49	48	40	31	26	22	8
1. Inlet 80V		43	33	41	37	30	22	13	8	5

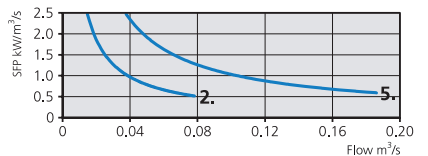
### PRESSURE/FLOW



### POWER/FLOW



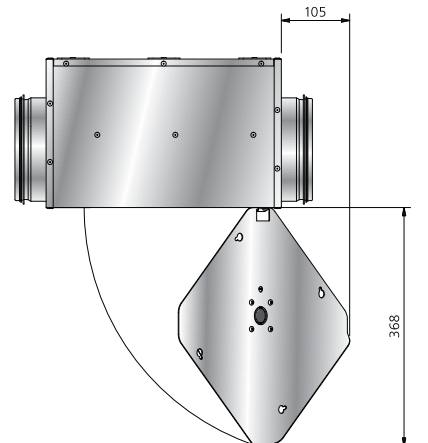
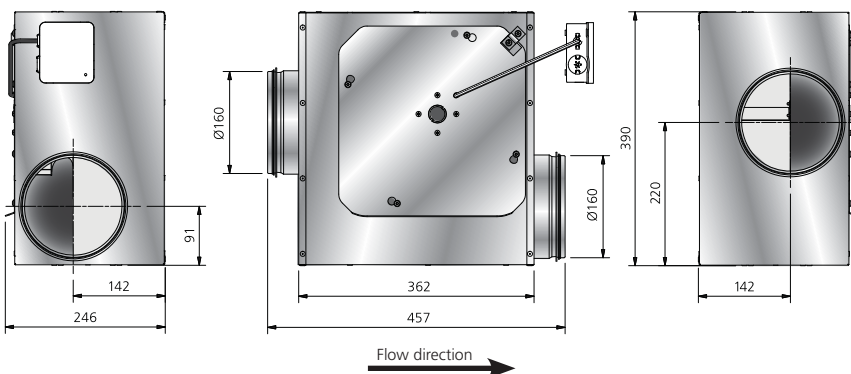
### SFP



### TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

### DIMENSIONS (mm)



# SOUND ATTENUATED DUCT FANS WITH CIRCULAR CONNECTIONS

## LPKB Silent 200 C1 ErP AC



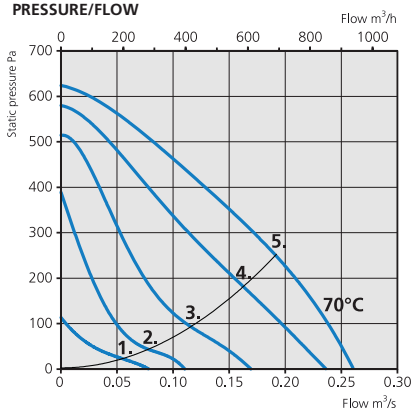
- Low profile duct fan with circular connection.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Equipped with a built in silencer on the inlet side for an even lower sound level.
- High capacity and efficiency.
- The power consumption at highest total efficiency is above 125W and meets the ERP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.

- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

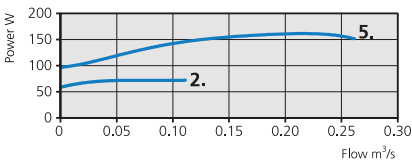
### ACCESSORIES

- Mounting clamp, MK 200, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 200
- Backdraught shutters, RSK 200
- Louvre shutters, VK 20
- Silencer, LDC 200
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 1.0

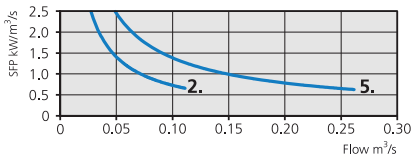
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TECHNICAL DATA

LPKB Silent 200 C1 ErP AC	Art.no. 7540668
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	0.71 A
Power	163 W
Speed	2710 rpm
Capacitor	5 µF
Max. temperature of transported air	70 C°
Max. temperature of transported air when speed controlled	70 C°
Sound pressure level at 3 m	56 dB(A)
Weight	9.2 kg
Wiring diagram	4040001

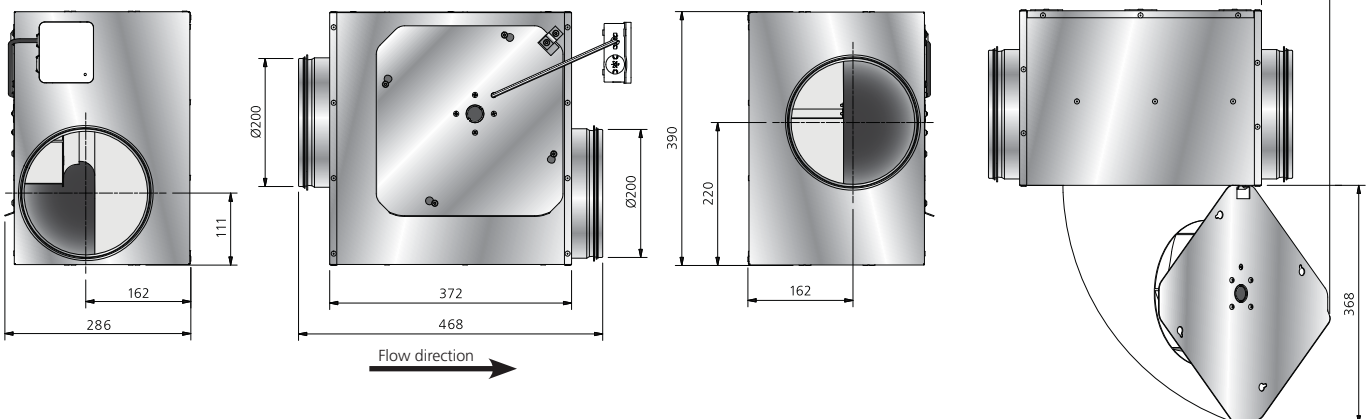
### SOUND DATA

	L <sub>pA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	56	63	33	45	55	61	50	46	38	35
5. Outlet 230V		81	67	67	74	78	72	70	66	61
5. Inlet 230V		71	64	65	67	61	54	49	49	46
4. Inlet 165V		67	54	62	65	55	49	44	44	40
3. Inlet 135V		63	50	60	60	46	38	35	35	21
2. Inlet 110V		61	49	60	49	37	28	26	19	16
1. Inlet 80V		55	40	55	41	28	18	10	7	5

### TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

### DIMENSIONS (mm)





# SOUND ATTENUATED DUCT FANS WITH CIRCULAR CONNECTIONS



## LPKB Silent 100 C1 EC

### ACCESSORIES

- Mounting clamp, MK 100, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 100
- Backdraught shutters, RSK 100
- Louvre shutters, VK 10
- Silencer, LDC 100
- Speed controller, MS EC
- Pressure regulator

- Low profile duct fan with circular connection.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Equipped with a built in silencer on the inlet side for an even lower sound level.
- High capacity and efficiency.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

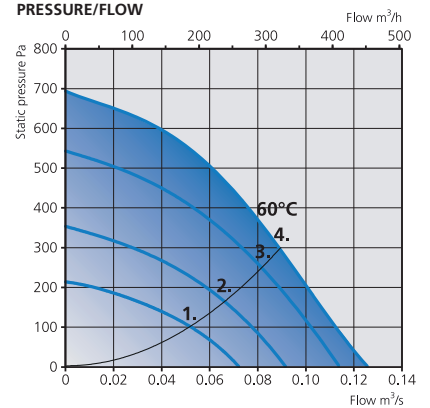
### TECHNICAL DATA

LPKB Silent 100 C1 EC	Art.no. 7540607
Voltage	230/50 V/Hz
Voltage range	200-240 / 50/60 V/Hz
Phase	1 ~
Current	0.91 A
Power	115 W
Speed	3710 rpm
Capacitor	- µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	56 dB(A)
Weight	6.2 kg
Wiring diagram	4040143

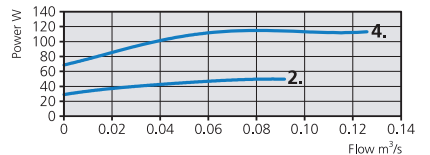
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	56	63	38	50	54	60	56	53	47	39
4. Outlet 10V		82	66	69	70	77	76	76	71	62
4. Inlet 10V		69	57	65	65	59	54	53	53	43
3. Inlet 8.5V		68	56	63	63	59	52	50	50	39
2. Inlet 7V		65	57	59	61	52	46	44	44	32
1. Inlet 5.5V		59	47	53	57	46	39	37	36	22

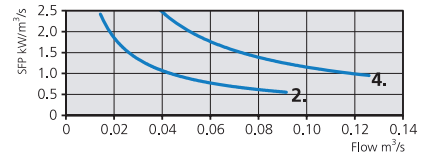
### PRESSURE/FLOW



### POWER/FLOW



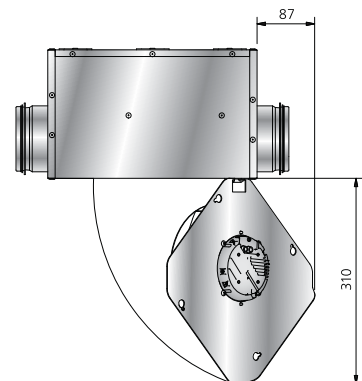
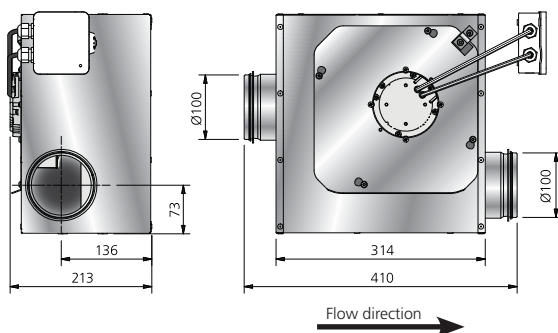
### SFP



### VOLTAGE STEPS

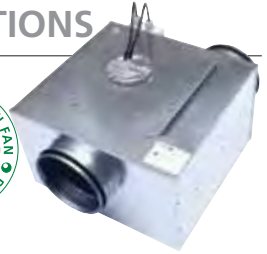
1. 5.5V 2. 7V 3. 8.5V 4. 10V

### DIMENSIONS (mm)



# SOUND ATTENUATED DUCT FANS WITH CIRCULAR CONNECTIONS

## LPKB Silent 125 C1 EC



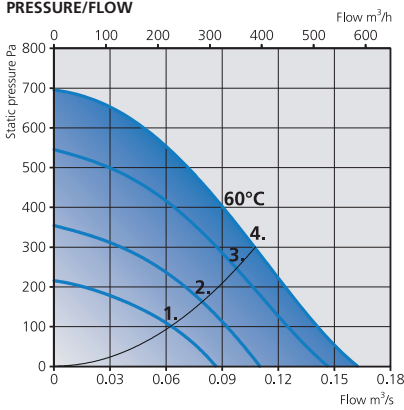
- Low profile duct fan with circular connection.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Equipped with a built in silencer on the inlet side for an even lower sound level.
- High capacity and efficiency.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

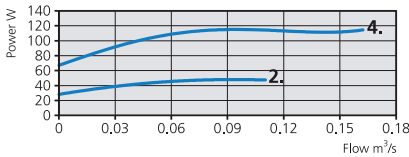
### ACCESSORIES

- Mounting clamp, MK 100, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 100
- Backdraught shutters, RSK 100
- Louvre shutters, VK 10
- Silencer, LDC 100
- Speed controller, MS EC
- Pressure regulator

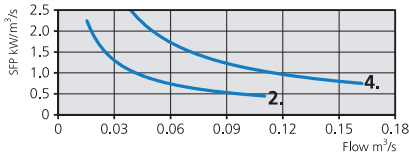
### PRESSURE/FLOW



### POWER/FLOW



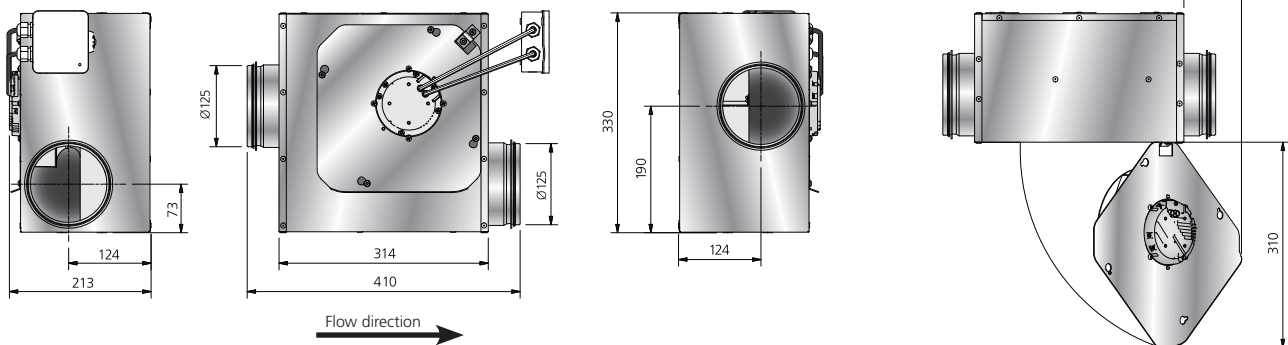
### SFP



### VOLTAGE STEPS

1. 5.5V    2. 7V    3. 8.5V    4. 10V

### DIMENSIONS (mm)



### TECHNICAL DATA

LPKB Silent 125 C1 EC	Art.no. 7540624
Voltage	230/50 V/Hz
Voltage range	200-240 / 50/60 V/Hz
Phase	1 ~
Current	0.93 A
Power	116 W
Speed	3670 rpm
Capacitor	- µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	55 dB(A)
Weight	6.2 kg
Wiring diagram	4040143

### SOUND DATA

	L <sub>pA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	55	62	39	47	51	60	54	52	46	39
4. Outlet 10V		81	67	68	70	76	75	73	71	61
4. Inlet 10V		69	58	64	65	62	55	55	55	45
3. Inlet 8.5V		68	60	62	63	61	52	52	52	42
2. Inlet 7V		65	60	59	59	54	47	47	45	35
1. Inlet 5.5V		61	48	56	58	48	40	40	37	25



# SOUND ATTENUATED DUCT FANS WITH CIRCULAR CONNECTIONS



## LPKB Silent 160 B1 EC

### ACCESSORIES

- Mounting clamp, MK 160, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 160
- Backdraught shutters, RSK 160
- Louvre shutters, VK 16
- Silencer, LDC 160
- Speed controller, MS EC
- Pressure regulator

- Low profile duct fan with circular connection.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Equipped with a built in silencer on the inlet side for an even lower sound level.
- High capacity and efficiency.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

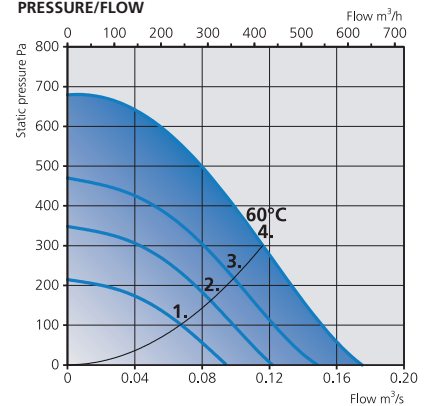
### TECHNICAL DATA

LPKB Silent 160 B1 EC	Art.no. 7540648
Voltage	230/50 V/Hz
Voltage range	200-240 / 50/60 V/Hz
Phase	1 ~
Current	0.93 A
Power	118 W
Speed	3650 rpm
Capacitor	- µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	56 dB(A)
Weight	8.0 kg
Wiring diagram	4040143

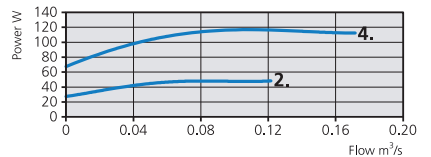
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	56	63	45	48	52	61	51	49	44	40
4. Outlet 10V		80	66	66	71	76	70	70	69	59
4. Inlet 10V		70	61	63	66	61	51	57	56	47
3. Inlet 8V		66	55	61	63	57	47	53	52	43
2. Inlet 7V		64	51	60	61	52	43	49	48	37
1. Inlet 5.5V		60	47	55	58	46	37	42	40	28

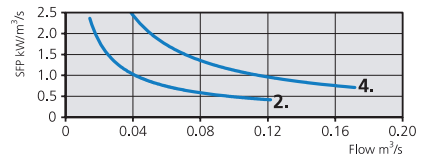
### PRESSURE/FLOW



### POWER/FLOW



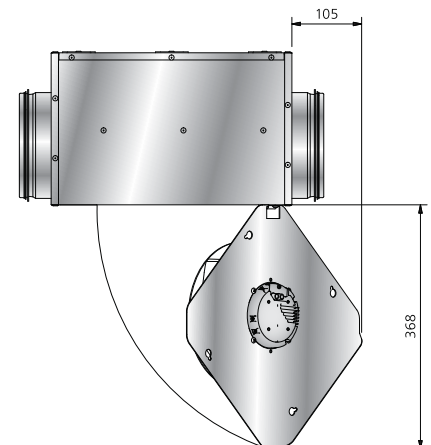
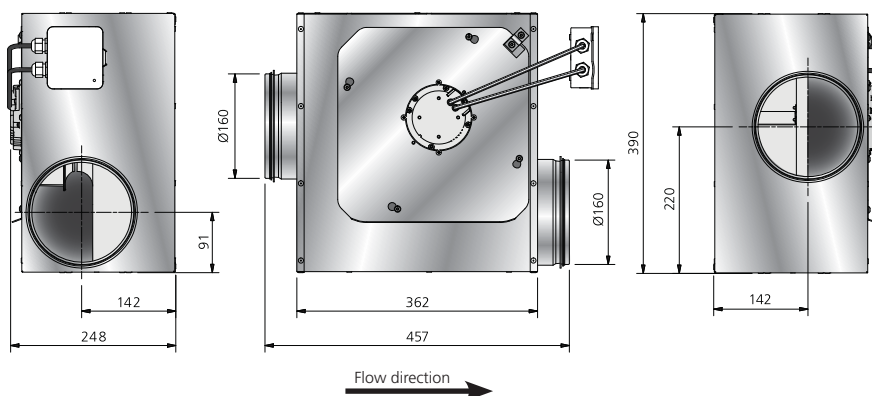
### SFP



### VOLTAGE STEPS

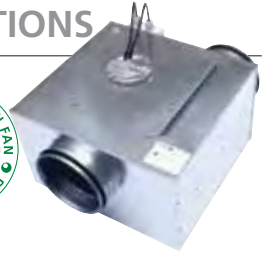
1. 5.5V 2. 7V 3. 8V 4. 10V

### DIMENSIONS (mm)



# SOUND ATTENUATED DUCT FANS WITH CIRCULAR CONNECTIONS

## LPKB Silent 160 C1 EC



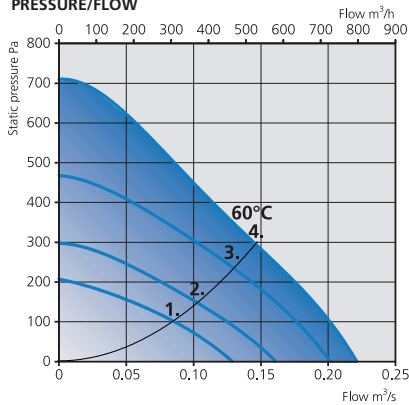
- Low profile duct fan with circular connections.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Equipped with a built in silencer on the inlet side for an even lower sound level.
- High capacity and efficiency.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

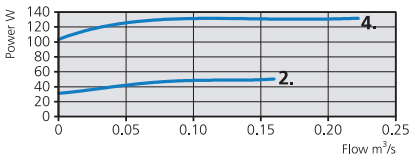
### ACCESSORIES

- Mounting clamp, MK 160, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 160
- Backdraught shutters, RSK 160
- Louvre shutters, VK 16
- Silencer, LDC 160
- Speed controller, MS EC
- Pressure regulator

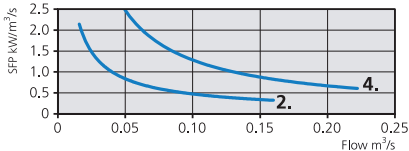
### PRESSURE/FLOW



### POWER/FLOW



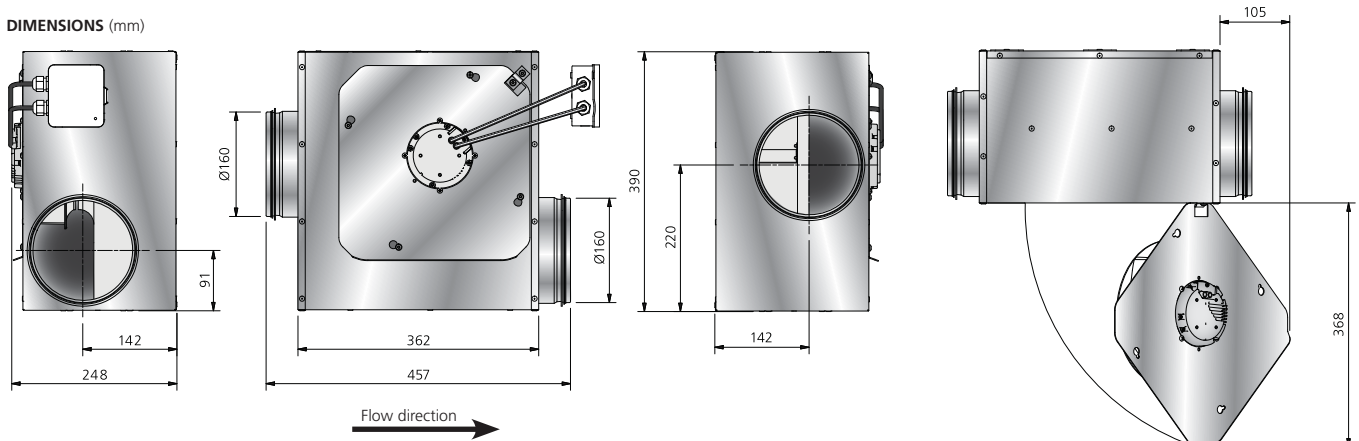
### SFP



### VOLTAGE STEPS

1. 5.5V    2. 7V    3. 8.5V    4. 10V

### DIMENSIONS (mm)



### TECHNICAL DATA

LPKB Silent 160 C1 EC	Art.no. 7540649
Voltage	230/50 V/Hz
Voltage range	200-240 / 50/60 V/Hz
Phase	1 ~
Current	1.04 A
Power	132 W
Speed	3100 rpm
Capacitor	- µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	57 dB(A)
Weight	7.7 kg
Wiring diagram	4040143

### SOUND DATA

	L <sub>pA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	57	64	45	49	57	61	53	52	45	37
4. Outlet 10V		81	64	68	73	78	72	72	70	59
4. Inlet 10V		72	58	66	69	63	55	57	55	43
3. Inlet 8.5V		70	56	64	68	59	53	54	52	40
2. Inlet 7V		65	51	61	62	54	47	48	44	31
1. Inlet 5.5V		62	54	57	57	50	42	43	37	24





# SOUND ATTENUATED DUCT FANS WITH CIRCULAR CONNECTIONS



## LPKB Silent 200 C1 EC

### ACCESSORIES

- Mounting clamp, MK 200, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 200
- Backdraught shutters, RSK 200
- Louvre shutters, VK 20
- Silencer, LDC 200
- Speed controller, MS EC
- Pressure regulator

- Low profile duct fan with circular connection.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Equipped with a built in silencer on the inlet side for an even lower sound level.
- High capacity and efficiency.
- Impeller with backward curved blades.
- The external rotor EC motor has maintenance-free sealed ball-bearings and is very energy efficient.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Speed controlling the EC motor can be done with the built-in potentiometer, 0-10 V alt. external control.

- Motor has insulation class F.
- Integrated approved motor protection.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

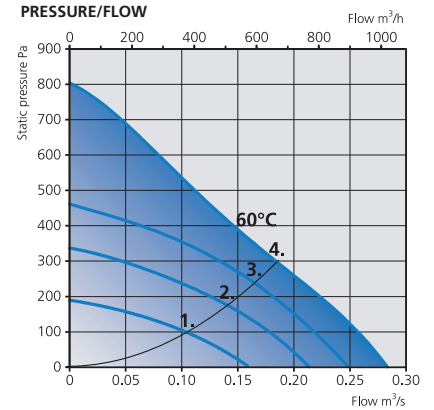
### TECHNICAL DATA

LPKB Silent 200 C1 EC	Art.no. 7540664
Voltage	230/50 V/Hz
Voltage range	200-240 / 50/60 V/Hz
Phase	1 ~
Current	1.25 A
Power	162 W
Speed	2820 rpm
Capacitor	- µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	57 dB(A)
Weight	8.3 kg
Wiring diagram	4040143

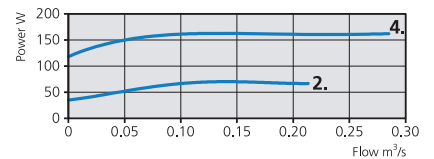
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	57	64	36	47	57	61	53	50	42	34
4. Outlet 10V		82	65	67	75	79	73	72	68	58
4. Inlet 10V		71	59	65	68	63	55	52	50	42
3. Inlet 8V		69	56	63	66	58	51	48	47	37
2. Inlet 7V		67	53	59	65	55	47	44	41	31
1. Inlet 5.5V		61	47	54	60	48	38	36	30	20

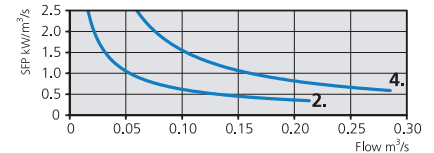
### PRESSURE/FLOW



### POWER/FLOW



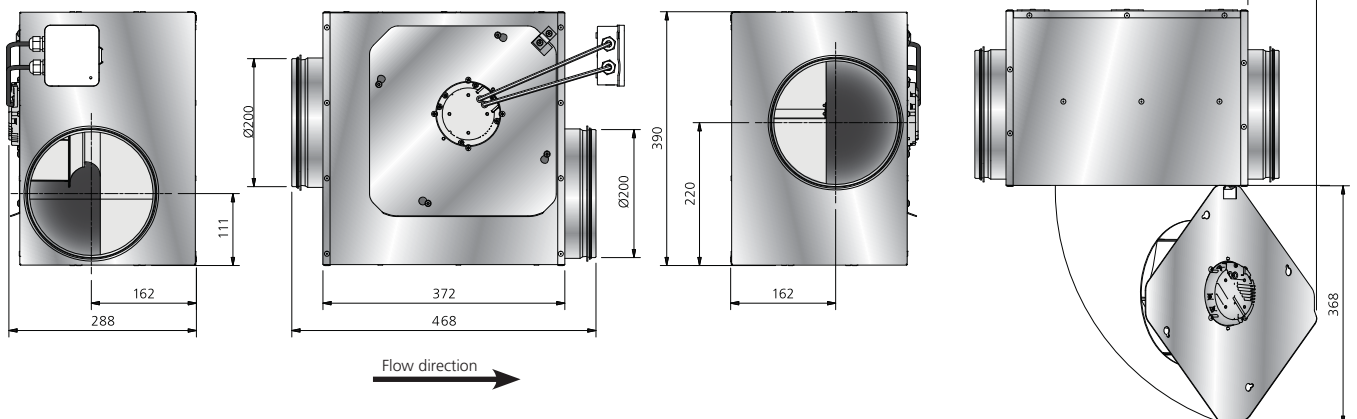
### SFP



### VOLTAGE STEPS

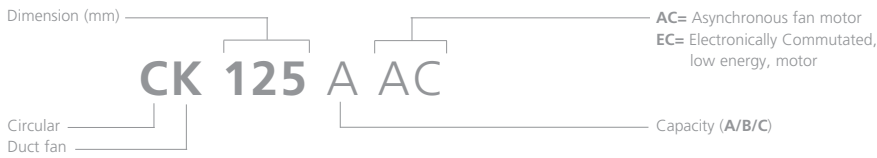
1. 5.5V 2. 7V 3. 8V 4. 10V

### DIMENSIONS (mm)





## UNINSULATED



**CK** ..... 8  
The CK has proven performance and reliability. It is compact with high capacity and efficiency with low sound levels.  
CK is available with AC or EC motor.  
Airflows up to 1.800 m<sup>3</sup>/h (0.52 m<sup>3</sup>/s).



**LPKB** ..... 36  
The LPKB is a low profile duct fan with circular connection. A very small and useful duct fan which is perfect for spaces with minimum height clearance. Available with one or two connections at the inlet side. It has high capacity and efficiency with low sound levels.  
LPKB is available with AC or EC motor.  
Airflows up to 1.000 m<sup>3</sup>/h (0.28 m<sup>3</sup>/s).

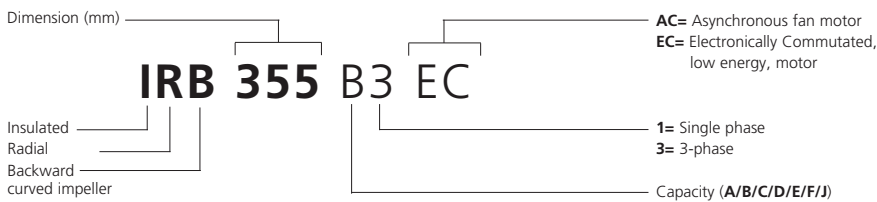


**RKC** ..... 48  
The RKC is a converted RK by using a RK-Kit. Designed to cope with high pressure and long ducts.  
RKC is available with AC motor.  
Airflows up to 9.100 m<sup>3</sup>/h (2.50 m<sup>3</sup>/s).

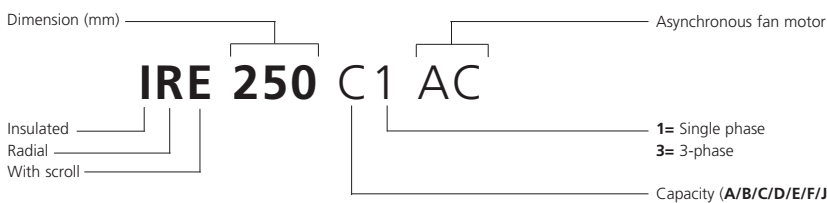
## SOUND ATTENUATED

**LPKB Silent** ..... 68  
LPKB Silent is almost the same and has the same benefits as the LPKB. But LPKB Silent is equipped with a built in silencer on the inlet side for an even lower sound level.  
LPKB Silent is available with AC or EC motor.  
Airflows up to 1.000 m<sup>3</sup>/h (0.28 m<sup>3</sup>/s).

## INSULATED



**IRB** ..... 80  
The IRB, equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air. Designed for high pressure and long, complicated duct runs.  
IRB is available with AC or EC motor.  
Airflows up to 10.800 m<sup>3</sup>/h (3.00 m<sup>3</sup>/s).

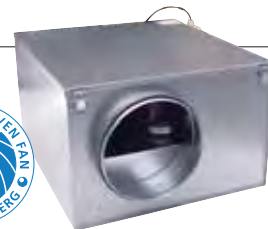


**IRE** ..... 116  
The IRE, equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air. Designed for high pressure and long, complicated duct runs.  
IRE is available with AC motor.  
Airflows up to 8.200 m<sup>3</sup>/h (2.28 m<sup>3</sup>/s).

**CAU** ..... 140  
**IFA** ..... 144  
**IFK** ..... 148  
These three types have multiple inlets.  
All three types are available with AC motor.

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 125 B1 AC



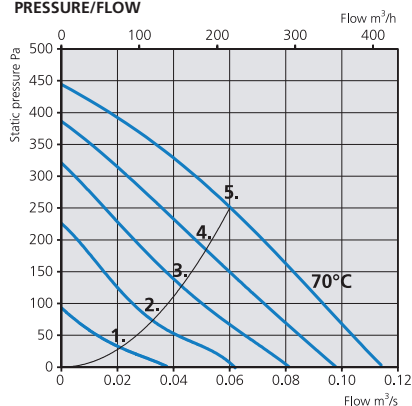
- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

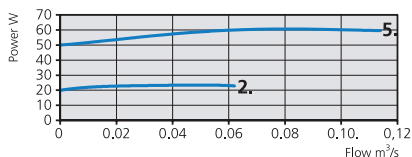
### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 125, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 125
- Backdraught shutters, RSK 125
- Louvre shutters, VK 12
- Silencer, LDC 125
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

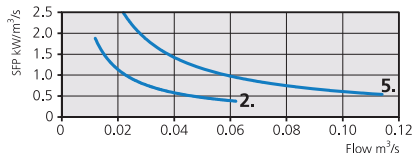
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TRANSFORMER STEPS

1. 80V    2. 110V    3. 135V    4. 165V    5. 230V

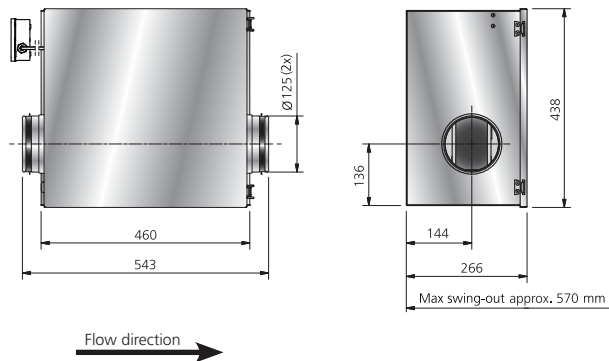
### TECHNICAL DATA

IRB 125 B1 AC	Art.no. 7880041
<b>Voltage</b>	230/50 V/Hz
<b>Voltage range</b>	220-240 / 50/60 V/Hz
<b>Phase</b>	1 ~
<b>Current</b>	0.26 A
<b>Power</b>	61 W
<b>Speed</b>	2590 rpm
<b>Capacitor</b>	2 µF
<b>Max. temperature of transported air</b>	70 C°
<b>Max. temperature of transported air when speed controlled</b>	70 C°
<b>Sound pressure level at 3 m</b>	37 dB(A)
<b>Weight</b>	11.6 kg
<b>Wiring diagram</b>	4040001

### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	37	44	30	32	41	37	31	30	29	29
5. Outlet 230V		69	54	58	63	65	62	58	53	47
5. Inlet 230V		52	42	49	46	39	35	36	31	22
4. Inlet 165V		48	36	45	44	36	31	32	25	17
3. Inlet 135V		45	33	42	40	32	27	26	19	10
2. Inlet 110V		39	29	37	31	26	20	16	8	4
1. Inlet 80V		32	25	28	26	16	9	3	3	3

### DIMENSIONS (mm)



# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 160 B1 AC



### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 160, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 160
- Backdraught shutters, RSK 160
- Louvre shutters, VK 16
- Silencer, LDC 160
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

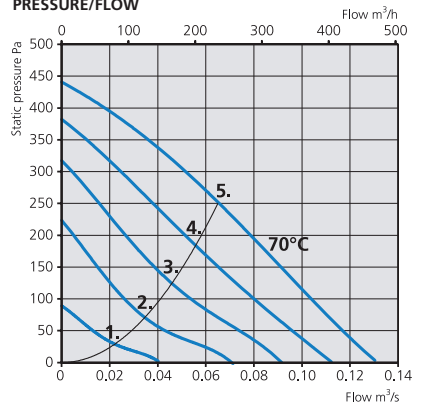
### TECHNICAL DATA

IRB 160 B1 AC	Art.no. 7880042
Voltage	230/50 V/Hz
Voltage range	220-240 / 50/60 V/Hz
Phase	1 ~
Current	0.26 A
Power	59 W
Speed	2580 rpm
Capacitor	2 µF
Max. temperature of transported air	70 C°
Max. temperature of transported air when speed controlled	70 C°
Sound pressure level at 3 m	37 dB(A)
Weight	11.7 kg
Wiring diagram	4040001

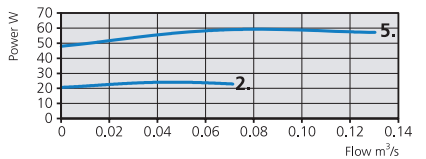
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	37	44	30	35	40	37	32	31	29	29
5. Outlet 230V		72	56	60	65	67	63	62	60	51
5. Inlet 230V		54	42	52	49	41	35	37	34	25
4. Inlet 165V		52	39	49	47	37	31	33	29	19
3. Inlet 135V		47	36	45	42	33	27	27	22	11
2. Inlet 110V		42	31	40	35	27	21	19	13	5
1. Inlet 80V		37	26	35	29	18	10	6	3	4

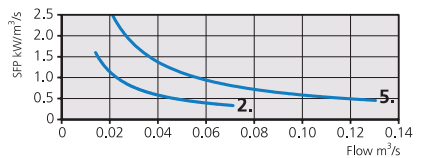
### PRESSURE/FLOW



### POWER/FLOW



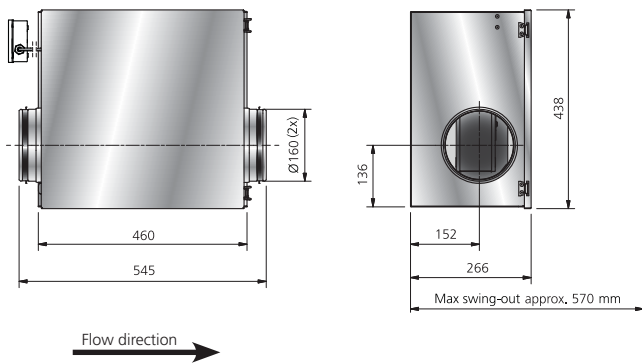
### SFP



### TRANSFORMER STEPS

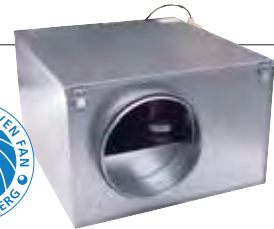
1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

### DIMENSIONS (mm)



# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 200 A1 AC



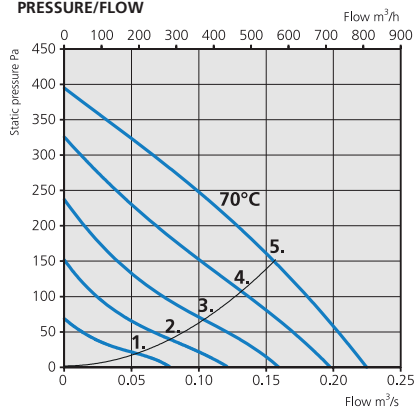
- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

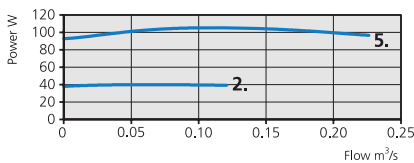
### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 200, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 200
- Backdraught shutters, RSK 200
- Louvre shutters, VK 20
- Silencer, LDC 200
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

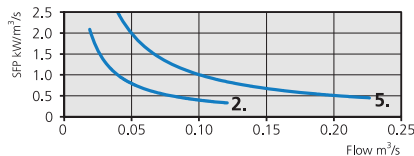
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TRANSFORMER STEPS

1. 80V    2. 110V    3. 135V    4. 165V    5. 230V

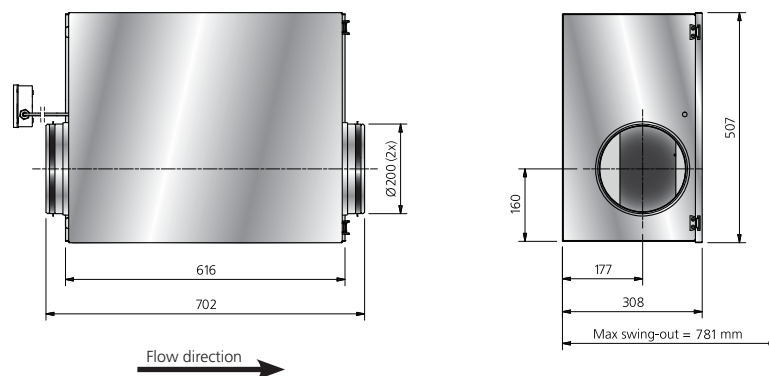
### TECHNICAL DATA

IRB 200 A1 AC	Art.no. 7880035
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	0.46 A
Power	105 W
Speed	2520 rpm
Capacitor	3 µF
Max. temperature of transported air	70 C°
Max. temperature of transported air when speed controlled	70 C°
Sound pressure level at 3 m	44 dB(A)
Weight	19.0 kg
Wiring diagram	4040001

### SOUND DATA

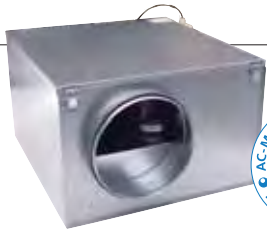
	$L_{pA}$	$L_{wA}$ tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	44	51	31	37	51	40	36	36	29	28
5. Outlet 230V		69	53	59	65	51	57	60	56	49
5. Inlet 230V		62	51	58	58	49	42	41	38	33
4. Inlet 165V		60	48	55	57	44	37	36	33	27
3. Inlet 135V		56	44	51	54	39	31	31	26	18
2. Inlet 110V		49	40	47	42	31	24	25	14	7
1. Inlet 80V		47	34	46	32	21	14	10	5	5

### DIMENSIONS (mm)



# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 200 B1 ErP AC



### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 200, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 200
- Backdraught shutters, RSK 200
- Louvre shutters, VK 20
- Silencer, LDC 200
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 1.0

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

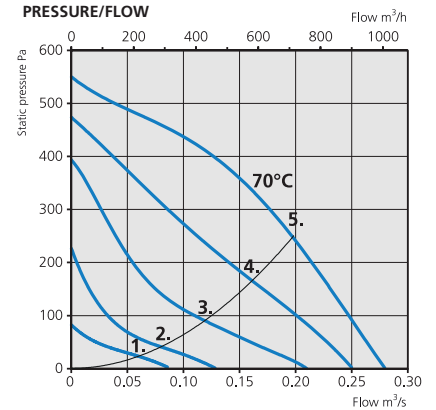
### TECHNICAL DATA

IRB 200 B1 ErP AC	Art.no. 7880036
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	0.82 A
Power	160 W
Speed	2700 rpm
Capacitor	5 µF
Max. temperature of transported air	70 C°
Max. temperature of transported air when speed controlled	70 C°
Sound pressure level at 3 m	48 dB(A)
Weight	19.7 kg
Wiring diagram	4040001

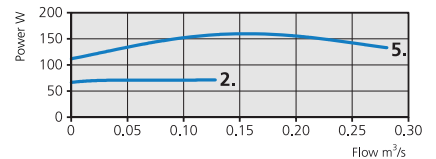
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	48	55	36	42	53	48	40	37	32	29
5. Outlet 230V		73	61	62	68	66	63	62	58	60
5. Inlet 230V		65	55	60	62	57	48	41	40	39
4. Inlet 165V		64	51	57	63	50	41	35	35	34
3. Inlet 135V		58	45	52	59	40	30	26	32	19
2. Inlet 110V		54	44	53	41	29	21	23	19	5
1. Inlet 80V		52	38	51	32	21	12	9	3	3

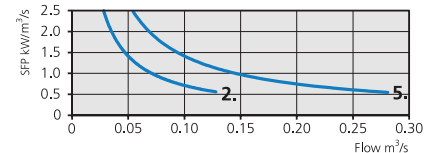
### PRESSURE/FLOW



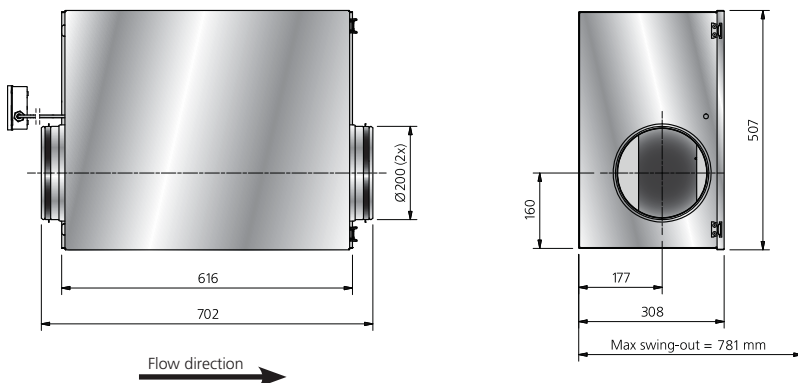
### POWER/FLOW



### SFP



### DIMENSIONS (mm)

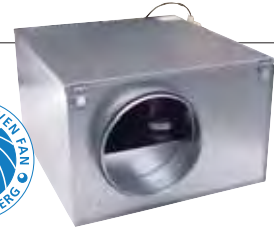


### TRANSFORMER STEPS

1. 80V    2. 110V    3. 135V    4. 165V    5. 230V

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 200 E1 ErP AC



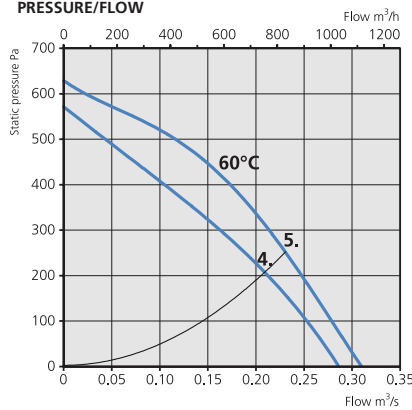
- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

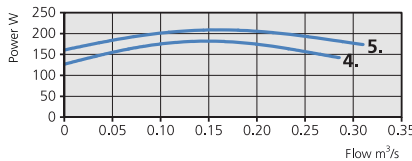
### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 200, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 200
- Backdraught shutters, RSK 200
- Louvre shutters, VK 20
- Silencer, LDC 200
- Transformer VRDE 1.5, VRTE 1
- Electronic speed controller, VRS 2.0

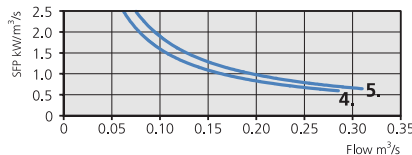
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TRANSFORMER STEPS

1. 80V
2. 110V
3. 135V
4. 165V
5. 230V

This product cannot be speed controlled below 165 V.

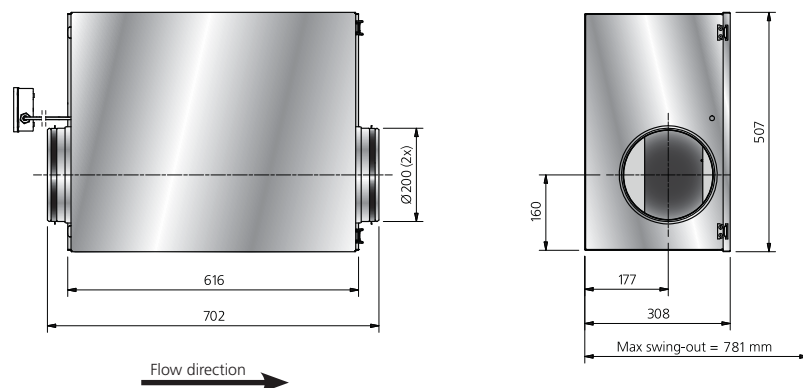
### TECHNICAL DATA

IRB 200 E1 ErP AC	Art.no. 7880037
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	1.10 A
Power	209 W
Speed	2790 rpm
Capacitor	6 µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	49 dB(A)
Weight	20.2 kg
Wiring diagram	4040001

### SOUND DATA

	L <sub>pA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	49	56	43	44	54	50	44	41	35	31
5. Outlet 230V		75	61	65	70	69	64	64	63	57
5. Inlet 230V		68	58	63	65	60	52	45	44	37
4. Inlet 165V		67	55	61	64	57	48	42	40	33

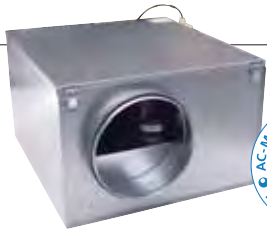
### DIMENSIONS (mm)





# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 250 A1 AC



### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 250, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 250
- Backdraught shutters, RSK 250
- Louvre shutters, VK 25
- Silencer, LDC 250
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 1.0

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

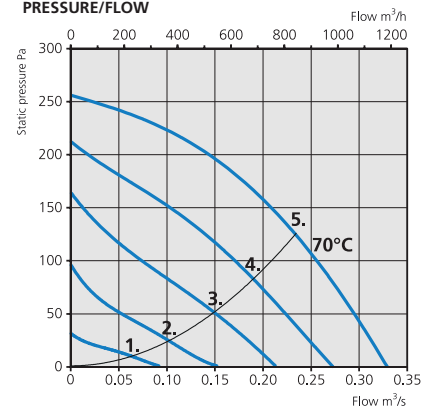
### TECHNICAL DATA

IRB 250 A1 AC	Art.no. 7880038
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	0.59 A
Power	132 W
Speed	1290 rpm
Capacitor	5 µF
Max. temperature of transported air	70 C°
Max. temperature of transported air when speed controlled	70 C°
Sound pressure level at 3 m	45 dB(A)
Weight	35.1 kg
Wiring diagram	4040001

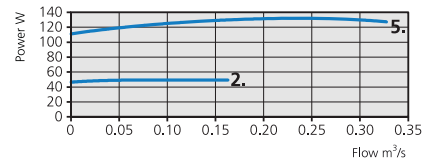
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	45	52	35	48	48	4	38	27	27	27
5. Outlet 230V		67	56	63	61	56	56	53	50	39
5. Inlet 230V		63	53	61	55	42	35	33	32	30
4. Inlet 165V		60	50	59	50	39	28	28	28	28
3. Inlet 135V		51	47	47	42	31	22	22	17	16
2. Inlet 110V		47	40	44	40	24	15	16	15	12
1. Inlet 80V		41	26	40	30	20	12	15	13	10

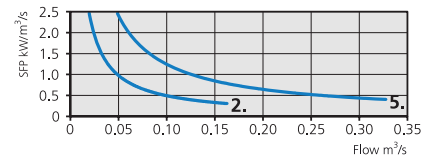
### PRESSURE/FLOW



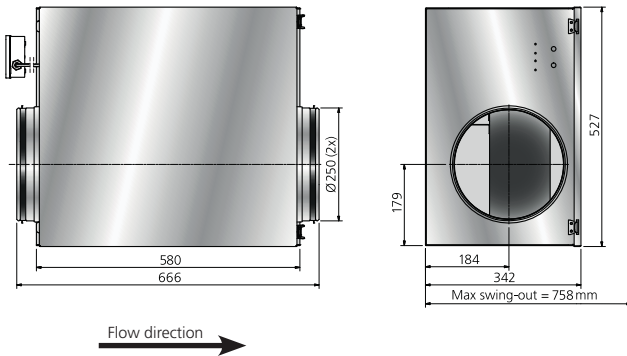
### POWER/FLOW



### SFP



### DIMENSIONS (mm)

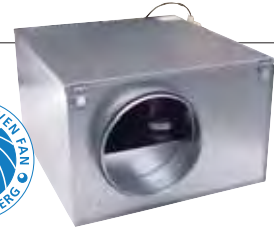


### TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 250 B1 ErP AC



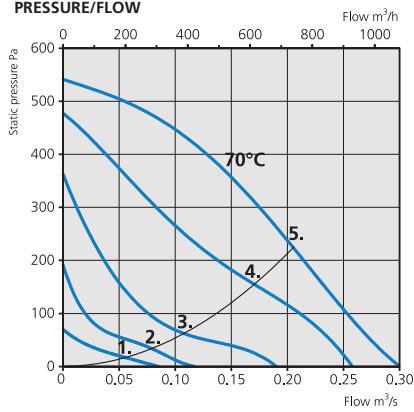
- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

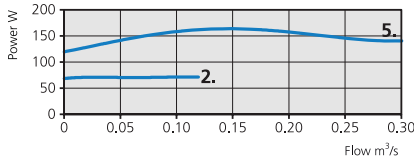
### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 250, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 250
- Backdraught shutters, RSK 250
- Louvre shutters, VK 25
- Silencer, LDC 250
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 1.0

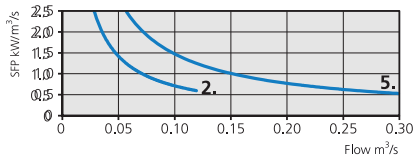
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TRANSFORMER STEPS

1. 80V    2. 110V    3. 135V    4. 165V    5. 230V

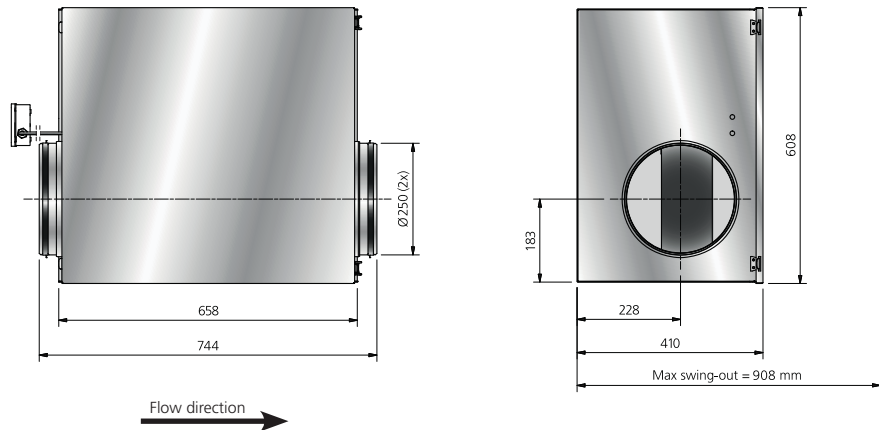
### TECHNICAL DATA

IRB 250 B1 ErP AC	Art.no. 7880039
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	0.86 A
Power	165 W
Speed	2690 rpm
Capacitor	5 µF
Max. temperature of transported air	70 C°
Max. temperature of transported air when speed controlled	70 C°
Sound pressure level at 3 m	45 dB(A)
Weight	33.4 kg
Wiring diagram	4040001

### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	45	52	36	38	51	44	38	33	30	28
5. Outlet 230V		73	55	57	69	63	65	66	62	62
5. Inlet 230V		62	57	55	57	47	50	46	44	46
4. Inlet 165V		59	47	51	57	41	45	42	40	42
3. Inlet 135V		55	41	47	54	34	35	33	38	25
2. Inlet 110V		48	39	47	38	26	26	34	29	10
1. Inlet 80V		46	36	44	35	28	29	39	15	12

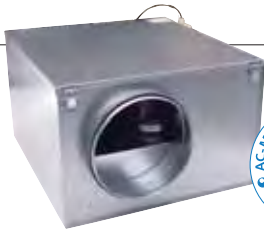
### DIMENSIONS (mm)



Flow direction →

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 250 E1 ErP AC



### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 250, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 250
- Backdraught shutters, RSK 250
- Louvre shutters, VK 25
- Silencer, LDC 250
- Transformer VRDE 1.5, VRTE 1
- Electronic speed controller, VRS 2.0

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

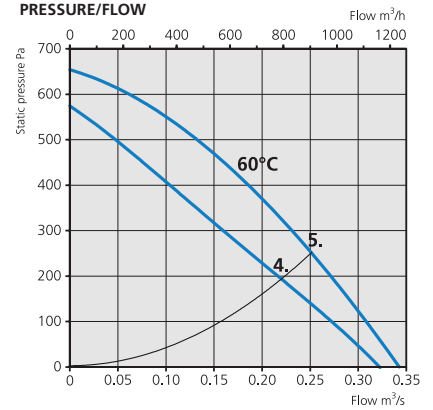
### TECHNICAL DATA

IRB 250 E1 ErP AC	Art.no. 7880040
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	1.17 A
Power	218 W
Speed	2770 rpm
Capacitor	6 µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	45 dB(A)
Weight	33.9 kg
Wiring diagram	4040001

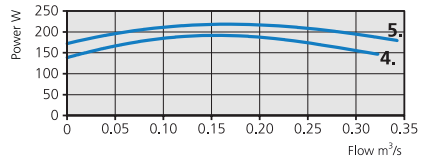
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	45	52	42	40	50	46	42	37	33	29
5. Outlet 230V		73	56	58	67	63	65	67	64	58
5. Inlet 230V		61	55	54	57	49	51	48	47	41
4. Inlet 165V		59	49	51	57	44	48	45	42	38

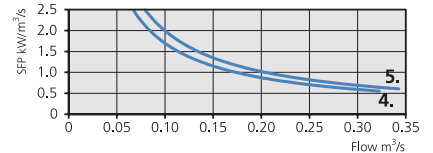
### PRESSURE/FLOW



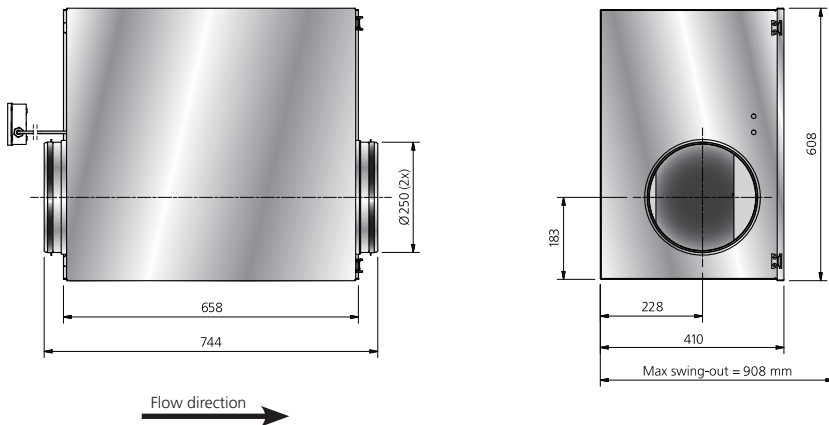
### POWER/FLOW



### SFP



### DIMENSIONS (mm)



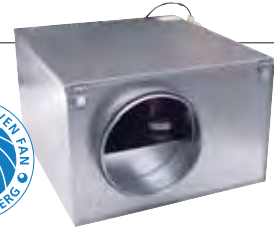
### TRANSFORMER STEPS

1. 80V
2. 110V
3. 135V
4. 165V
5. 230V

This product cannot be speed controlled below 165 V.

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 315 B3 ErP AC



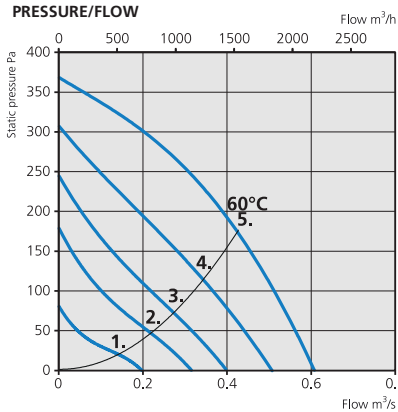
- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

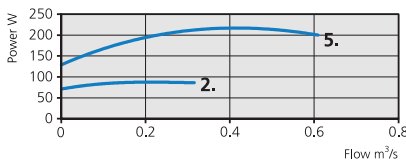
### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 315, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 315
- Backdraught shutters, RSK 315
- Louvre shutters, VK 30
- Silencer, LDC 315
- Transformer VRDT 2, VRIT 1

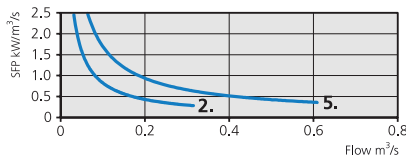
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TRANSFORMER STEPS

1. 95V    2. 145V    3. 185V    4. 240V    5. 400V

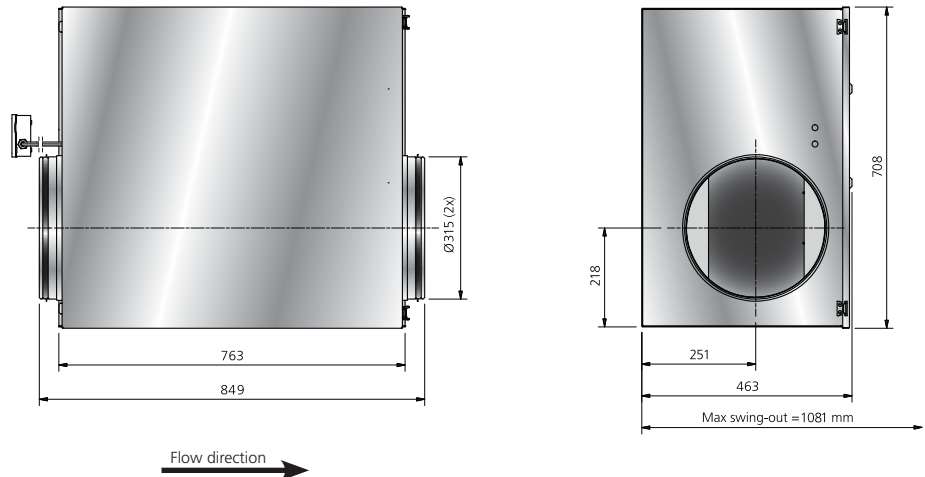
### TECHNICAL DATA

IRB 315 B3 ErP AC	Art.no. 7890113
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	0.44 / 0.77 A
Power	215 W
Speed	1350 rpm
Capacitor	- μF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	47 dB(A)
Weight	43.4 kg
Wiring diagram	Y 4040004 / Δ 4040003

### SOUND DATA

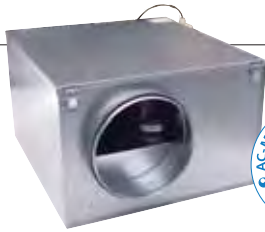
	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	47	54	41	51	51	37	36	31	29	28
5. Outlet 400V		70	56	68	64	53	53	51	50	38
5. Inlet 400V		64	54	52	57	41	35	35	32	29
4. Inlet 240V		63	52	62	51	35	30	30	29	25
3. Inlet 185V		57	50	55	46	29	26	27	25	19
2. Inlet 145V		47	45	41	37	23	25	24	14	11
1. Inlet 95V		35	32	29	29	11	18	14	13	10

### DIMENSIONS (mm)



# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 355 B3 ErP AC



### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 355, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 355
- Backdraught shutters, RSK 355
- Louvre shutters, VK 35
- Transformer VRDT 2, VRTT 1

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

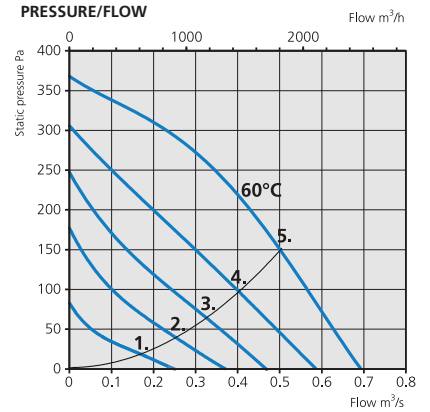
### TECHNICAL DATA

<b>IRB 355 B3 ErP AC</b>	<b>Art.no. 7890121</b>
<b>Voltage</b>	Y 400/Δ 230 / 50 V/Hz
<b>Voltage range</b>	380-415/50 V/Hz
<b>Phase</b>	3 ~
<b>Current</b>	0.45 / 0.78 A
<b>Power</b>	228 W
<b>Speed</b>	1340 rpm
<b>Capacitor</b>	- μF
<b>Max. temperature of transported air</b>	60 C°
<b>Max. temperature of transported air when speed controlled</b>	60 C°
<b>Sound pressure level at 3 m</b>	49 dB(A)
<b>Weight</b>	45.1 kg
<b>Wiring diagram</b>	Y 4040004 / Δ 4040003

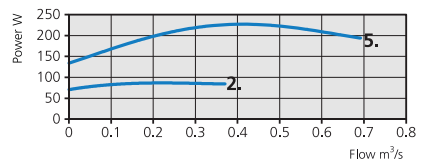
### SOUND DATA

	$L_{pA}$	$L_{wA}$ tot dB (A)	63	125	250	500	1K	2K	4K	8K
<b>5. Surrounding 400V</b>	49	56	40	54	50	36	34	29	28	27
<b>5. Outlet 400V</b>		70	57	67	65	56	54	52	56	46
<b>5. Inlet 400V</b>		65	54	64	58	44	35	35	35	31
<b>4. Inlet 240V</b>		63	50	62	52	35	30	29	33	25
<b>3. Inlet 185V</b>		55	49	52	47	28	26	28	28	18
<b>2. Inlet 145V</b>		49	48	43	38	22	27	26	14	11
<b>1. Inlet 95V</b>		38	37	30	25	13	21	14	12	9

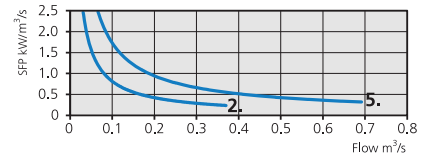
### PRESSURE/FLOW



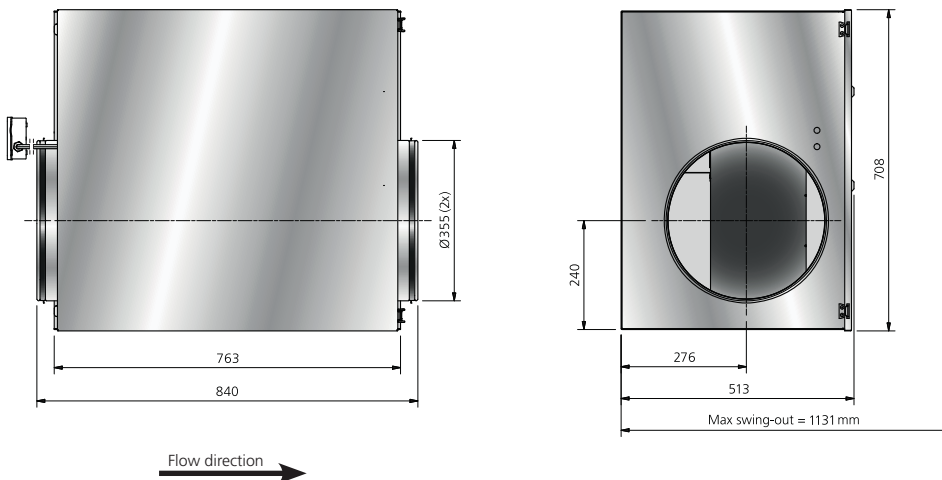
### POWER/FLOW



### SFP



### DIMENSIONS (mm)



### TRANSFORMER STEPS

1. 95V
2. 145V
3. 185V
4. 240V
5. 400V

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 355 D1 ErP AC

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.

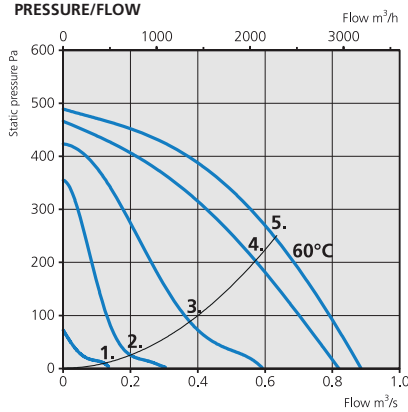
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.



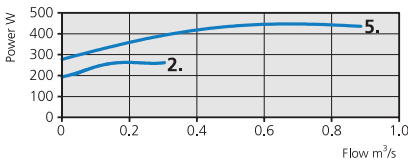
### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 355, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 355
- Backdraught shutters, RSK 355
- Louvre shutters, VK 35
- Transformer VRDE 7, VRTE 5
- Electronic speed controller, VRS 4.0

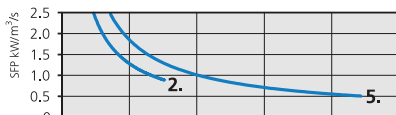
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

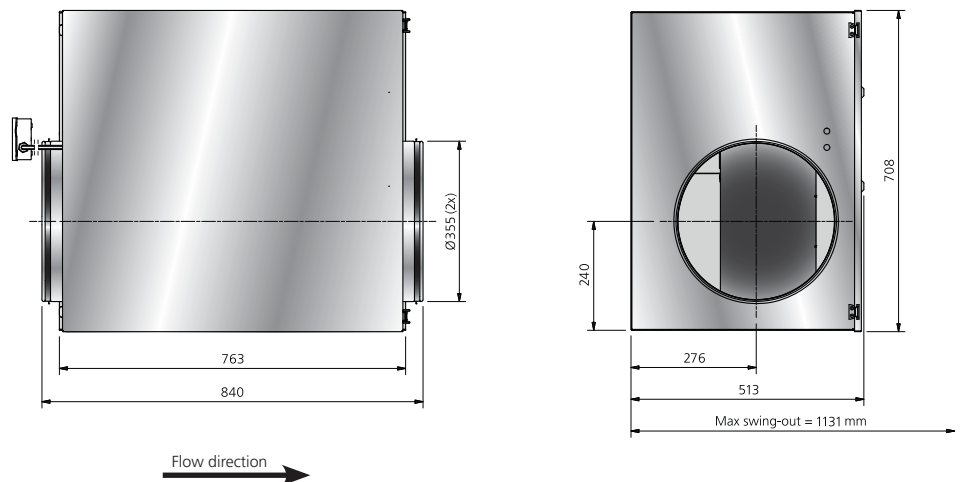
### TECHNICAL DATA

IRB 355 D1 ErP AC	Art.no. 7890114
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	3.06 A
Power	448 W
Speed	1400 rpm
Capacitor	10 µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	51 dB(A)
Weight	48.2 kg
Wiring diagram	4040005

### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	51	58	45	55	54	41	40	35	33	29
5. Outlet 230V		75	61	72	69	60	59	67	53	49
5. Inlet 230V		70	60	69	63	50	41	40	37	35
4. Inlet 165V		68	58	66	59	47	38	38	34	32
3. Inlet 135V		58	56	53	48	36	32	28	26	20
2. Inlet 110V		48	45	43	38	29	26	20	18	10
1. Inlet 80V		38	28	36	34	17	16	15	13	9

### DIMENSIONS (mm)



# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 355 D3 ErP AC



### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 355, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 355
- Backdraught shutters, RSK 355
- Louvre shutters, VK 35
- Transformer VRDT 2, VRTT 1

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

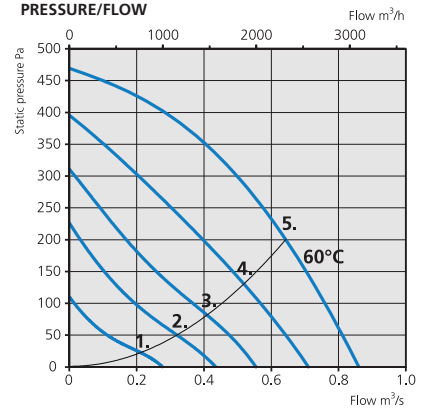
### TECHNICAL DATA

<b>IRB 355 D3 ErP AC</b>	<b>Art.no. 7890115</b>
<b>Voltage</b>	Y 400/Δ 230 / 50 V/Hz
<b>Voltage range</b>	380-415/50 V/Hz
<b>Phase</b>	3 ~
<b>Current</b>	0.80 / 1.39 A
<b>Power</b>	397 W
<b>Speed</b>	1340 rpm
<b>Capacitor</b>	- μF
<b>Max. temperature of transported air</b>	60 C°
<b>Max. temperature of transported air when speed controlled</b>	60 C°
<b>Sound pressure level at 3 m</b>	52 dB(A)
<b>Weight</b>	46.7 kg
<b>Wiring diagram</b>	Y 4040004 / Δ 4040003

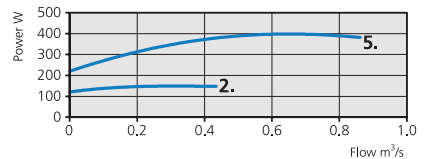
### SOUND DATA

	$L_{pA}$	$L_{wA}$ tot dB (A)	63	125	250	500	1K	2K	4K	8K
<b>5. Surrounding 400V</b>	52	59	46	57	54	42	37	32	30	27
<b>5. Outlet 400V</b>		75	64	73	70	61	59	56	54	48
<b>5. Inlet 400V</b>		70	61	68	63	52	42	40	37	34
<b>4. Inlet 240V</b>		64	57	62	57	43	35	33	32	27
<b>3. Inlet 185V</b>		59	55	56	52	35	28	28	28	31
<b>2. Inlet 145V</b>		54	52	45	45	27	22	25	20	13
<b>1. Inlet 95V</b>		42	41	34	33	15	17	18	13	9

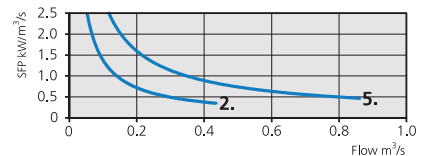
### PRESSURE/FLOW



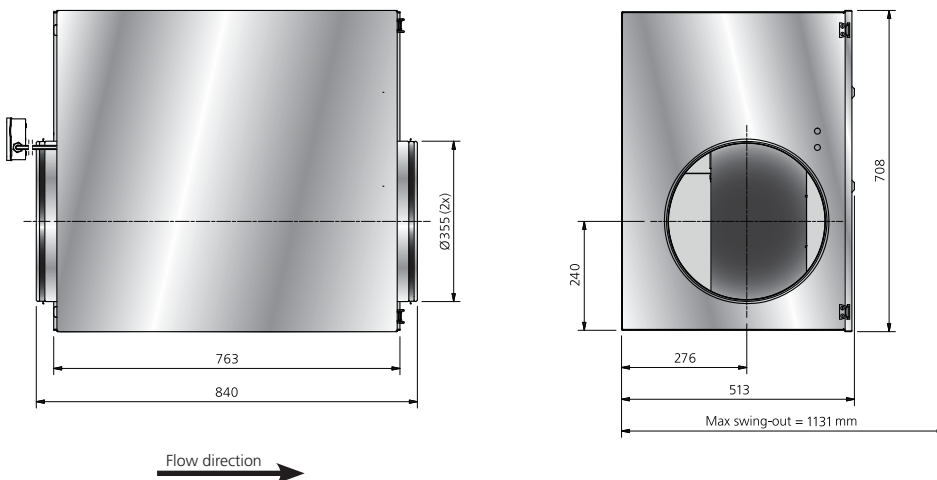
### POWER/FLOW



### SFP



### DIMENSIONS (mm)



### TRANSFORMER STEPS

1. 95V 2. 145V 3. 185V 4. 240V 5. 400V

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 400 B3 ErP AC

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.

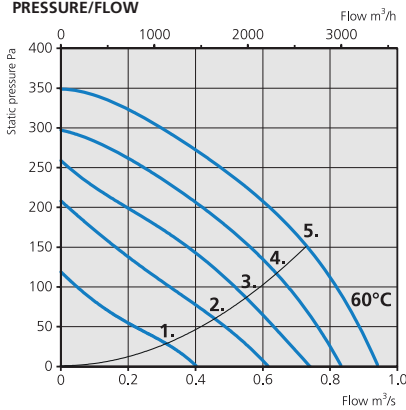
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.



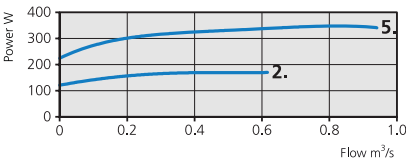
### ACCESSORIES

- Mounting clamp, MK 400, simplifies the connection to duct and absorbs vibrations
- Safety grill, BSV/BSR 400
- Backdraught shutters, RSK 400
- Louvre shutters, VK 40
- Transformer VRDT 2, VRTT 1

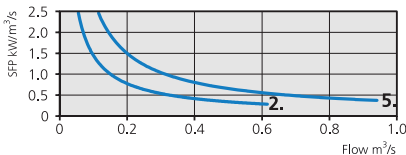
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TRANSFORMER STEPS

1. 95V    2. 145V    3. 185V    4. 240V    5. 400V

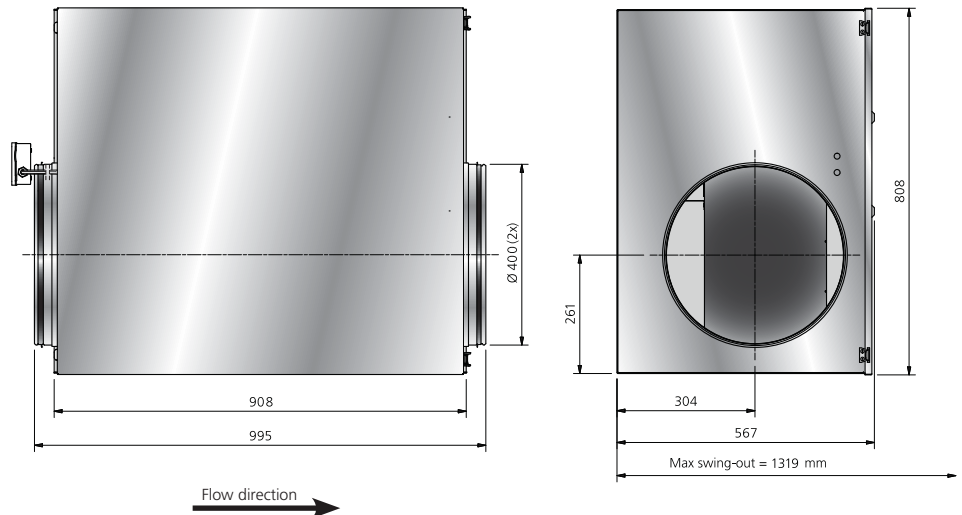
### TECHNICAL DATA

IRB 400 B3 ErP AC	Art.no. 7890116
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	0.78 / 1.36 A
Power	355 W
Speed	930 rpm
Capacitor	- μF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	45 dB(A)
Weight	63.2 kg
Wiring diagram	Y 4040004 / Δ 4040003

### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	45	52	49	48	48	42	36	28	28	28
5. Outlet 400V		74	65	73	65	57	53	51	50	39
5. Inlet 400V		69	59	67	60	54	44	37	31	35
4. Inlet 240V		64	62	56	54	49	39	33	31	32
3. Inlet 185V		59	56	52	51	45	34	30	27	28
2. Inlet 145V		52	49	46	46	36	28	26	22	23
1. Inlet 95V		42	38	36	36	20	18	16	16	11

### DIMENSIONS (mm)





# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 400 E3 ErP AC



### ACCESSORIES

- Mounting clamp, MK 400, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 400
- Backdraught shutters, RSK 400
- Louvre shutters, VK 40
- Transformer VRDT 4, VRTT 4

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

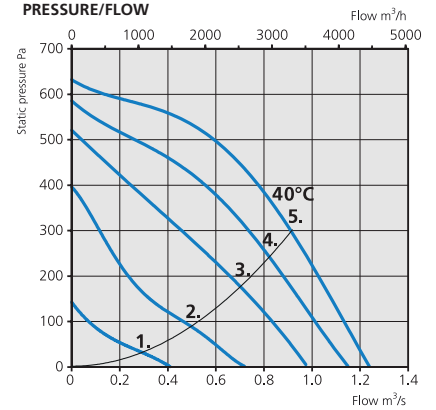
### TECHNICAL DATA

<b>IRB 400 E3 ErP AC</b>	<b>Art.no. 7890117</b>
<b>Voltage</b>	Y 400/Δ 230 / 50 V/Hz
<b>Voltage range</b>	380-415/50 V/Hz
<b>Phase</b>	3 ~
<b>Current</b>	2.28 / 3.97 A
<b>Power</b>	739 W
<b>Speed</b>	1440 rpm
<b>Capacitor</b>	- μF
<b>Max. temperature of transported air</b>	40 C°
<b>Max. temperature of transported air when speed controlled</b>	40 C°
<b>Sound pressure level at 3 m</b>	53 dB(A)
<b>Weight</b>	68.4 kg
<b>Wiring diagram</b>	Y 4040004 / Δ 4040003

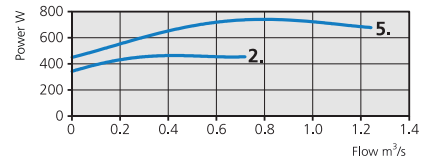
### SOUND DATA

	$L_{pA}$	$L_{WA}$ tot dB (A)	63	125	250	500	1K	2K	4K	8K
<b>5. Surrounding 400V</b>	53	60	48	56	57	46	44	37	35	30
<b>5. Outlet 400V</b>		78	65	75	73	66	64	59	59	53
<b>5. Inlet 400V</b>		71	61	68	65	60	54	45	42	40
<b>4. Inlet 240V</b>		68	59	65	52	58	52	42	39	38
<b>3. Inlet 185V</b>		65	57	52	58	54	50	36	35	34
<b>2. Inlet 145V</b>		59	56	52	50	48	43	31	28	25
<b>1. Inlet 95V</b>		47	44	42	37	35	19	18	15	11

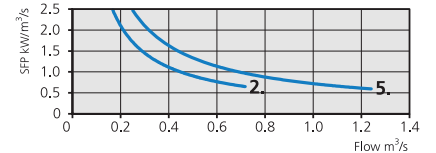
### PRESSURE/FLOW



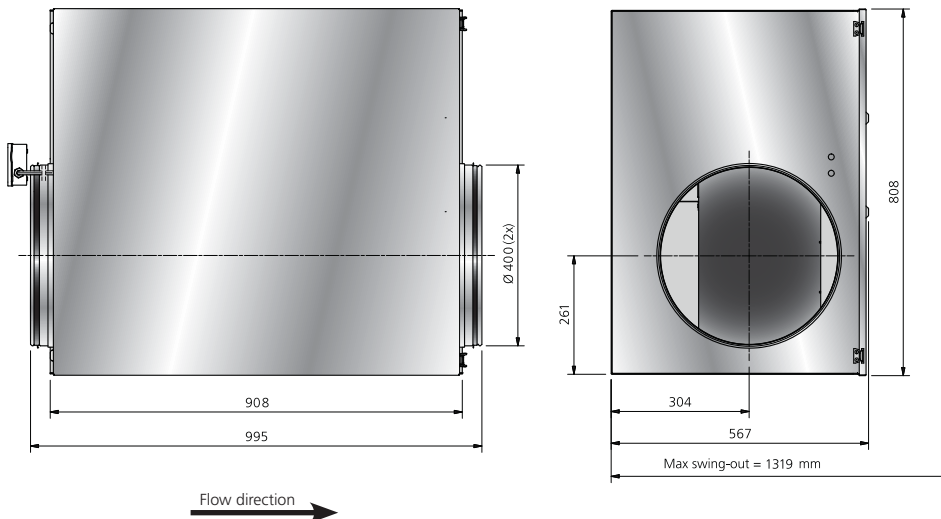
### POWER/FLOW



### SFP



### DIMENSIONS (mm)



### TRANSFORMER STEPS

1. 95V
2. 145V
3. 185V
4. 240V
5. 400V

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 500 B3 ErP AC

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.

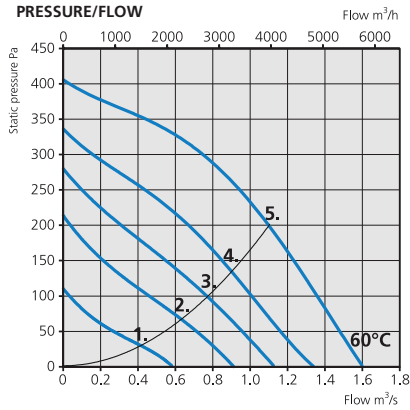
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.



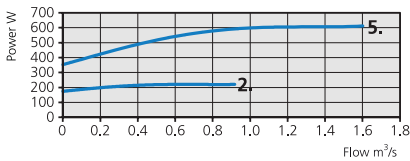
### ACCESSORIES

- Mounting clamp, MK 500, simplifies the connection to duct and absorbs vibrations
- Safety grill, BSV/BSR 500
- Backdraught shutters, RSK 500
- Louvre shutters, VK 50
- Transformer VRDT 2, VRTT 2

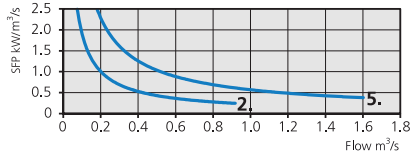
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TRANSFORMER STEPS

1. 95V    2. 145V    3. 185V    4. 240V    5. 400V

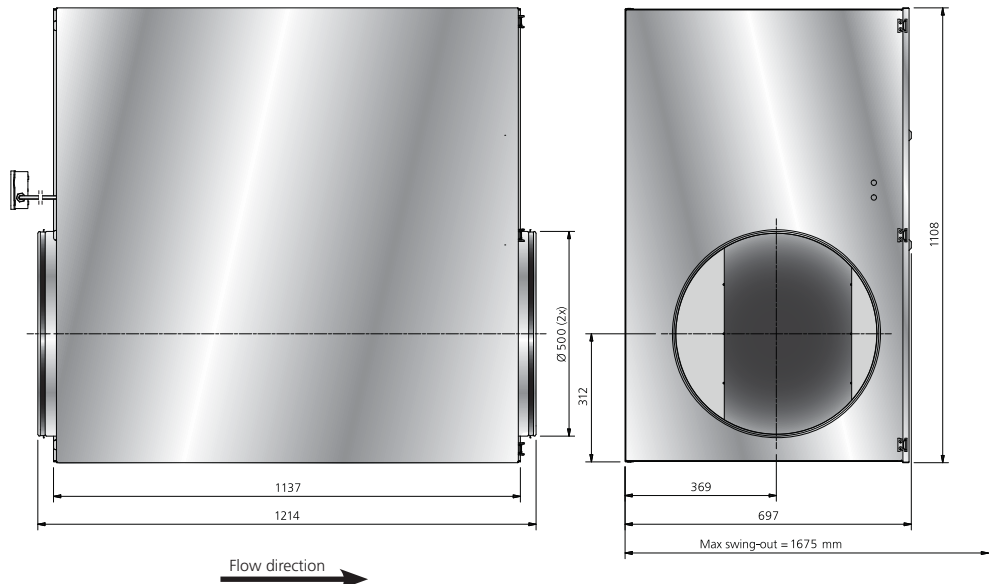
### TECHNICAL DATA

IRB 500 B3 ErP AC	Art.no. 7890118
<b>Voltage</b>	Y 400/Δ 230 / 50 V/Hz
<b>Voltage range</b>	380-415/50 V/Hz
<b>Phase</b>	3 ~
<b>Current</b>	1.42 / 2.47 A
<b>Power</b>	611 W
<b>Speed</b>	890 rpm
<b>Capacitor</b>	- μF
<b>Max. temperature of transported air</b>	60 C°
<b>Max. temperature of transported air when speed controlled</b>	60 C°
<b>Sound pressure level at 3 m</b>	52 dB(A)
<b>Weight</b>	87.0 kg
<b>Wiring diagram</b>	Y 4040004 / Δ 4040003

### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	52	59	54	58	51	39	36	34	31	28
5. Outlet 400V		74	66	72	63	58	58	54	55	45
5. Inlet 400V		67	60	66	56	44	43	41	39	39
4. Inlet 240V		62	59	57	49	38	38	35	35	33
3. Inlet 185V		60	59	52	43	33	33	31	32	27
2. Inlet 145V		55	54	45	36	27	27	28	26	21
1. Inlet 95V		38	36	33	25	17	19	21	15	13

### DIMENSIONS (mm)



# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 500 E3 ErP AC



### ACCESSORIES

- Mounting clamp, MK 500, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 500
- Backdraught shutters, RSK 500
- Louvre shutters, VK 50
- Transformer VRDT 4, VRTT 4

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs..
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

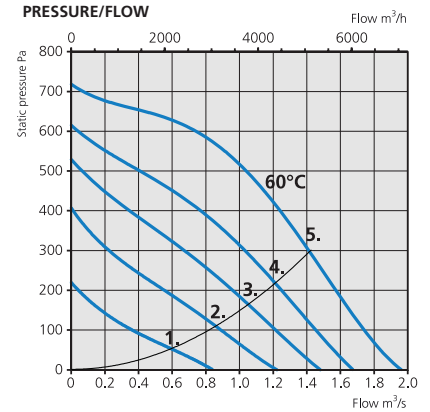
### TECHNICAL DATA

<b>IRB 500 E3 ErP AC</b>	<b>Art.no. 7890119</b>
<b>Voltage</b>	Y 400/Δ 230 / 50 V/Hz
<b>Voltage range</b>	380-415/50 V/Hz
<b>Phase</b>	3 ~
<b>Current</b>	2.58 / 4.49 A
<b>Power</b>	1130 W
<b>Speed</b>	1371 rpm
<b>Capacitor</b>	- μF
<b>Max. temperature of transported air</b>	60 C°
<b>Max. temperature of transported air when speed controlled</b>	60 C°
<b>Sound pressure level at 3 m</b>	58 dB(A)
<b>Weight</b>	89.2 kg
<b>Wiring diagram</b>	Y 4040004 / Δ 4040003

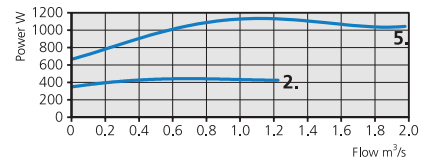
### SOUND DATA

	$L_{pA}$	$L_{wA}$ tot dB (A)	63	125	250	500	1K	2K	4K	8K
<b>5. Surrounding 400V</b>	58	65	51	63	60	50	41	39	36	32
<b>5. Outlet 400V</b>		81	65	78	74	70	70	65	63	62
<b>5. Inlet 400V</b>		73	62	72	64	53	51	49	47	46
<b>4. Inlet 240V</b>		69	59	68	59	48	47	45	43	42
<b>3. Inlet 185V</b>		67	56	66	56	43	42	41	41	37
<b>2. Inlet 145V</b>		62	55	61	50	37	38	36	37	32
<b>1. Inlet 95V</b>		54	52	48	39	27	29	32	27	23

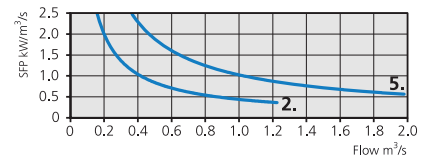
### PRESSURE/FLOW



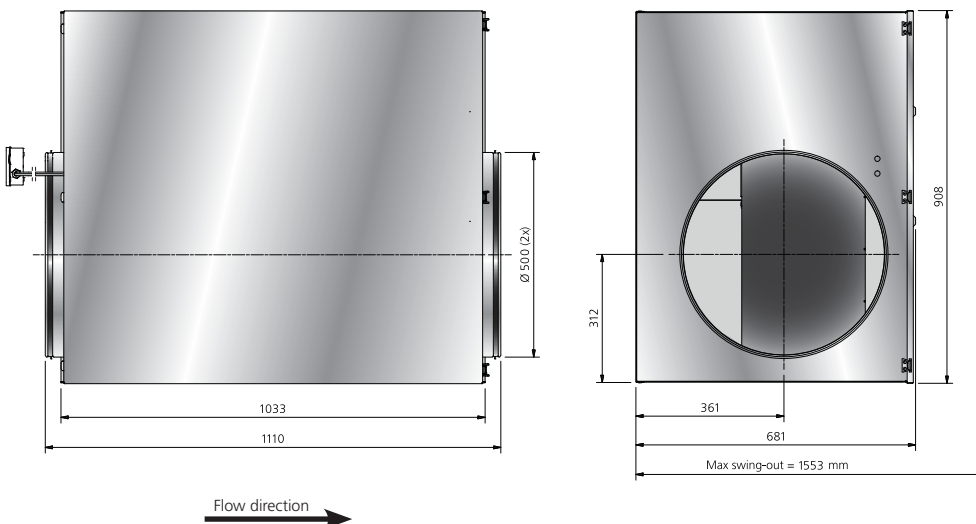
### POWER/FLOW



### SFP



### DIMENSIONS (mm)



### TRANSFORMER STEPS

1. 95V
2. 145V
3. 185V
4. 240V
5. 400V

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 500 J3 ErP AC



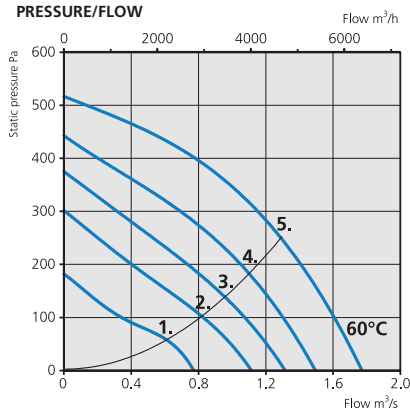
- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

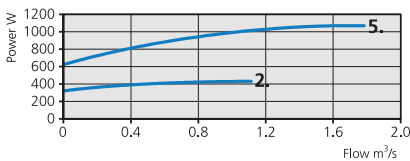
### ACCESSORIES

- Mounting clamp, MK 500, simplifies the connection to duct and absorbs vibrations
- Safety grill, BSV/BSR 500
- Backdraught shutters, RSK 500
- Louvre shutters, VK 50
- Transformer VRDT 4, VRTT 4

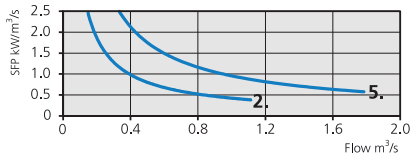
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TRANSFORMER STEPS

1. 95V    2. 145V    3. 185V    4. 240V    5. 400V

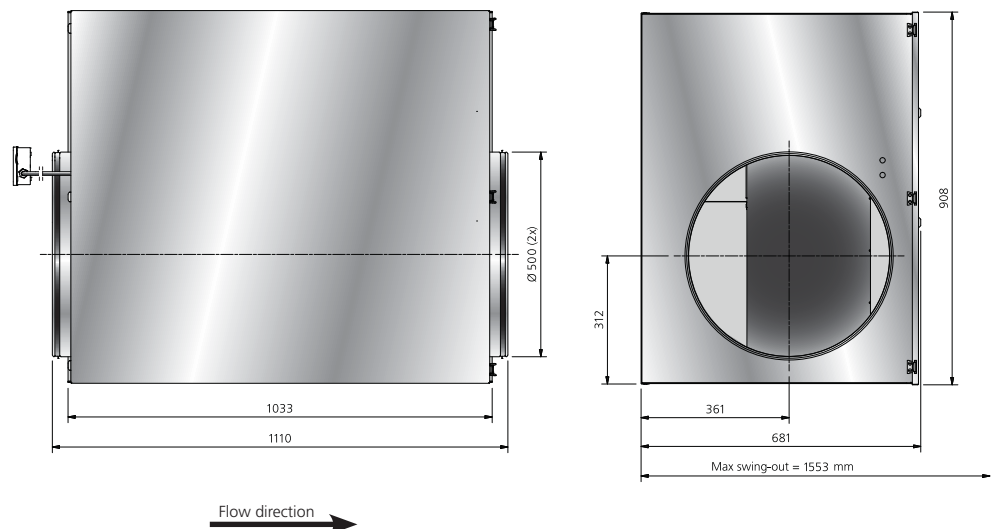
### TECHNICAL DATA

IRB 500 J3 ErP AC	Art.no. 7890120
<b>Voltage</b>	Y 400/Δ 230 / 50 V/Hz
<b>Voltage range</b>	380-415/50 V/Hz
<b>Phase</b>	3 ~
<b>Current</b>	2.83 / 4.92 A
<b>Power</b>	1070 W
<b>Speed</b>	910 rpm
<b>Capacitor</b>	- μF
<b>Max. temperature of transported air</b>	60 C°
<b>Max. temperature of transported air when speed controlled</b>	60 C°
<b>Sound pressure level at 3 m</b>	55 dB(A)
<b>Weight</b>	114.0 kg
<b>Wiring diagram</b>	Y 4040004 / Δ 4040003

### SOUND DATA

	$L_{pA}$	$L_{wA}$ tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	55	62	53	62	53	43	40	34	32	30
5. Outlet 400V		80	68	79	65	62	62	57	54	50
5. Inlet 400V		71	63	70	58	51	50	50	50	47
4. Inlet 240V		66	63	62	53	45	46	47	45	42
3. Inlet 185V		63	61	57	48	41	42	44	40	37
2. Inlet 145V		59	58	52	44	36	38	39	33	32
1. Inlet 95V		46	43	42	32	25	27	25	23	21

### DIMENSIONS (mm)



# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 125 B1 EC



### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 125, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 125
- Backdraught shutters, RSK 125
- Louvre shutters, VK 12
- Silencer, LDC 125
- Speed controller, MS EC
- Pressure regulator

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.

- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

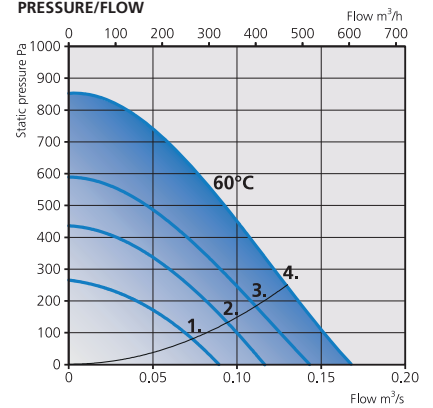
### TECHNICAL DATA

<b>IRB 125 B1 EC</b>	<b>Art.no. 7890008</b>
<b>Voltage</b>	230/50 V/Hz
<b>Voltage range</b>	200-240 / 50/60 V/Hz
<b>Phase</b>	1 ~
<b>Current</b>	0.93 A
<b>Power</b>	116 W
<b>Speed</b>	3680 rpm
<b>Capacitor</b>	- µF
<b>Max. temperature of transported air</b>	60 C°
<b>Max. temperature of transported air when speed controlled</b>	60 C°
<b>Sound pressure level at 3 m</b>	47 dB(A)
<b>Weight</b>	11.8 kg
<b>Wiring diagram</b>	4040143

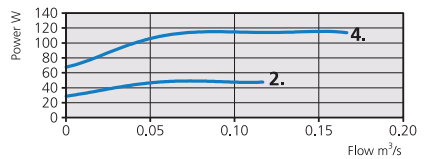
### SOUND DATA

	$L_{pA}$	$L_{WA}$ tot dB (A)	63	125	250	500	1K	2K	4K	8K
<b>4. Surrounding 10V</b>	47	54	42	45	49	51	43	38	33	29
<b>4. Outlet 10V</b>		83	67	68	72	79	75	76	70	65
<b>4. Inlet 10V</b>		63	51	59	57	54	49	49	46	37
<b>3. Inlet 8V</b>		60	53	56	54	51	45	44	41	33
<b>2. Inlet 7V</b>		56	47	52	51	44	40	40	36	27
<b>1. Inlet 5.5V</b>		52	39	48	49	38	33	33	29	16

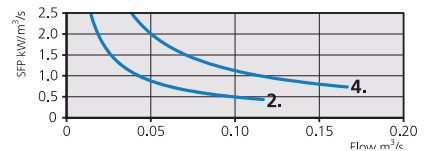
### PRESSURE/FLOW



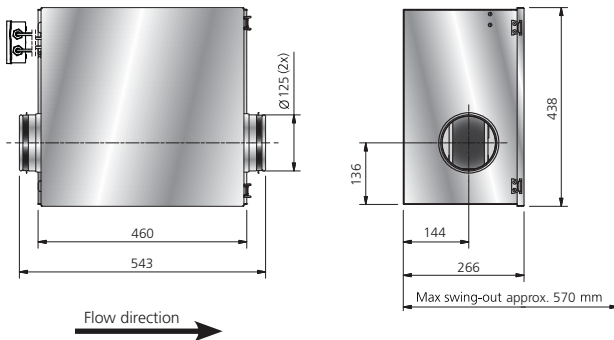
### POWER/FLOW



### SFP



### DIMENSIONS (mm)



### VOLTAGE STEPS

1. 5.5V    2. 7V    3. 8V    4. 10V

# INSULATED FANS WITH CIRCULAR CONNECTIONS

## IRB 160 B1 EC

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.

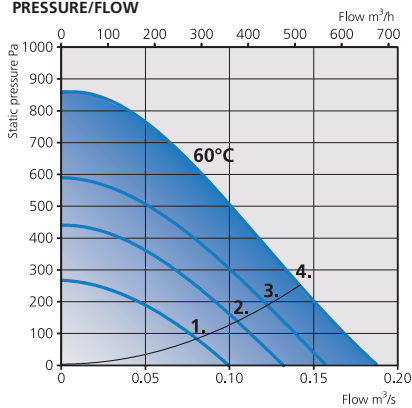
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.



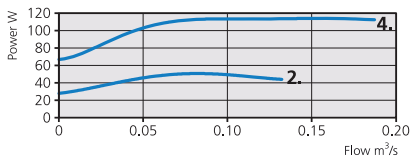
### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 160, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 160
- Backdraught shutters, RSK 160
- Louvre shutters, VK 16
- Silencer, LDC 160
- Speed controller, MS EC
- Pressure regulator

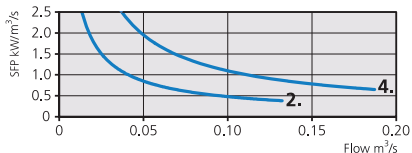
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### VOLTAGE STEPS

1. 5.5V    2. 7V    3. 8V    4. 10V

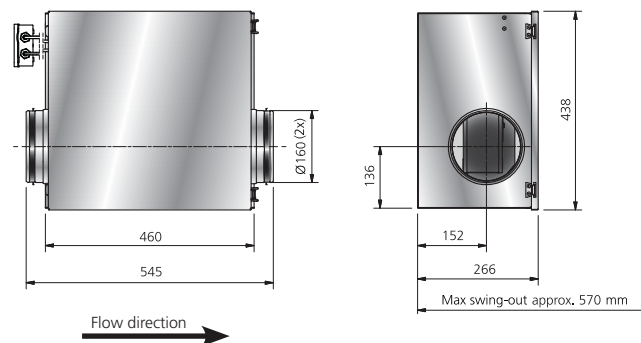
### TECHNICAL DATA

IRB 160 C1 EC	Art.no. 7890009
<b>Voltage</b>	230/50 V/Hz
<b>Voltage range</b>	200-240 / 50/60 V/Hz
<b>Phase</b>	1 ~
<b>Current</b>	0.89 A
<b>Power</b>	114 W
<b>Speed</b>	3630 rpm
<b>Capacitor</b>	- µF
<b>Max. temperature of transported air</b>	60 C°
<b>Max. temperature of transported air when speed controlled</b>	60 C°
<b>Sound pressure level at 3 m</b>	47 dB(A)
<b>Weight</b>	11.9 kg
<b>Wiring diagram</b>	4040143

### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
<b>4. Surrounding 10V</b>	47	54	44	44	49	50	45	37	33	30
<b>4. Outlet 10V</b>		83	66	67	73	79	75	74	71	66
<b>4. Inlet 10V</b>		64	52	61	59	55	48	48	46	39
<b>3. Inlet 8V</b>		62	50	59	56	52	44	44	42	35
<b>2. Inlet 7V</b>		58	46	56	53	46	39	40	39	29
<b>1. Inlet 5.5V</b>		54	41	51	49	40	33	33	33	19

### DIMENSIONS (mm)



# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 200 C1 EC



### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 200, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 200
- Backdraught shutters, RSK 200
- Louvre shutters, VK 20
- Silencer, LDC 200
- Speed controller, MS EC
- Pressure regulator

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.

- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

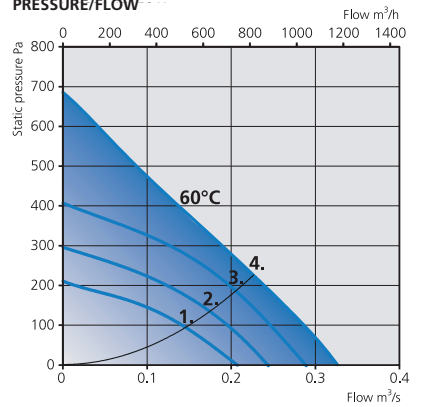
### TECHNICAL DATA

IRB 200 C1 EC	Art.no. 7880011
Voltage	230/50 V/Hz
Voltage range	200-240 / 50/60 V/Hz
Phase	1 ~
Current	1.24 A
Power	161 W
Speed	2890 rpm
Capacitor	- µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	52 dB(A)
Weight	18.8 kg
Wiring diagram	4040143

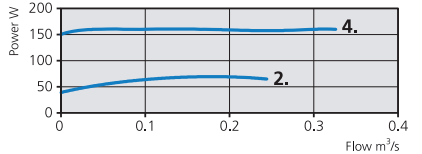
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	52	59	44	50	47	51	42	37	32	29
4. Outlet 10V		77	64	69	73	70	66	67	62	54
4. Inlet 10V		71	60	67	67	61	52	46	45	37
3. Inlet 8V		69	59	65	65	58	49	43	42	35
2. Inlet 7V		66	56	61	63	52	43	38	36	29
1. Inlet 6V		64	53	58	63	47	38	33	30	24

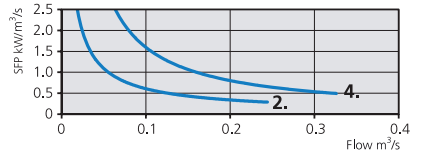
### PRESSURE/FLOW



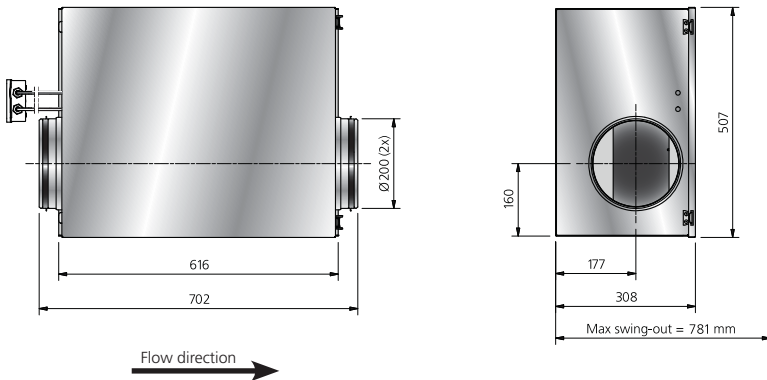
### POWER/FLOW



### SFP



### DIMENSIONS (mm)



### VOLTAGE STEPS

1. 6V    2. 7V    3. 8V    4. 10V

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 250 A1 EC

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.

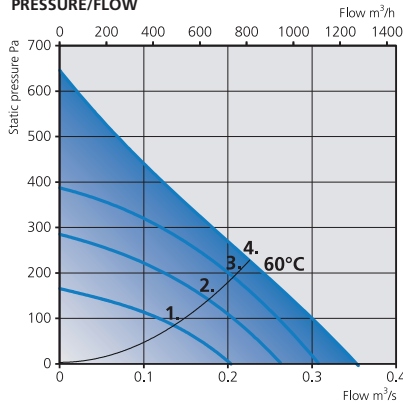
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.



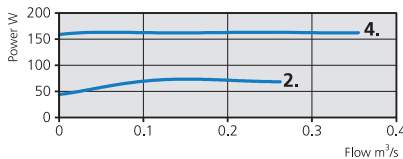
### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 250, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 250
- Backdraught shutters, RSK 250
- Louvre shutters, VK 25
- Silencer, LDC 250
- Speed controller, MS EC
- Pressure regulator

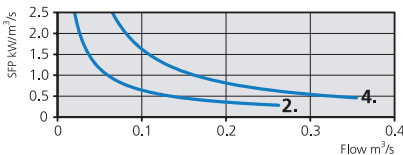
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### VOLTAGE STEPS

1. 5.5V    2. 7V    3. 8V    4. 10V

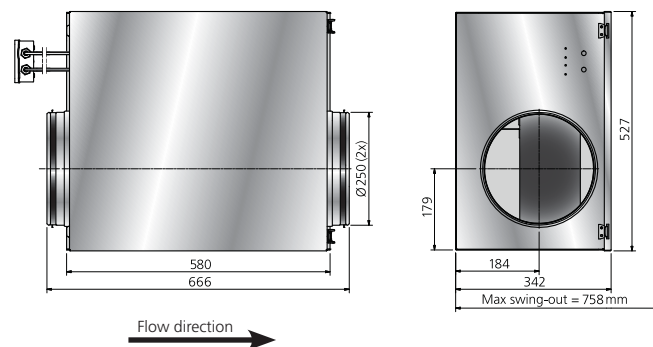
### TECHNICAL DATA

IRB 250 A1 EC	Art.no. 7890007
Voltage	230/50 V/Hz
Voltage range	200-240 / 50/60 V/Hz
Phase	1 ~
Current	1.27 A
Power	163 W
Speed	2760 rpm
Capacitor	- µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	52 dB(A)
Weight	17.9 kg
Wiring diagram	4040143

### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	52	59	42	48	58	50	42	37	32	29
4. Outlet 10V		78	63	67	74	68	68	70	64	54
4. Inlet 10V		70	61	63	68	56	52	51	49	40
3. Inlet 8V		69	58	62	67	53	50	49	46	38
2. Inlet 7V		65	56	60	61	48	45	44	41	32
1. Inlet 5.5V		61	51	53	59	42	38	36	31	21

### DIMENSIONS (mm)





# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 250 B1 EC



### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 250, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 250
- Backdraught shutters, RSK 250
- Louvre shutters, VK 25
- Silencer, LDC 250
- Speed controller, MS EC
- Pressure regulator

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.

- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

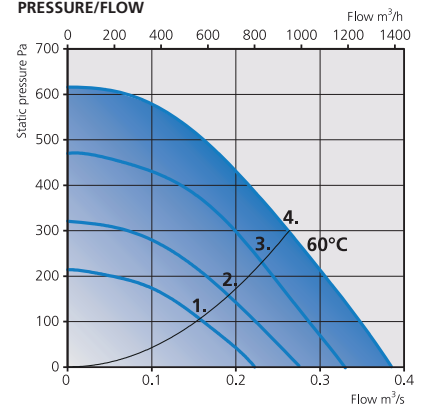
### TECHNICAL DATA

IRB 250 B1 EC	Art.no. 7880012
Voltage	230/50 V/Hz
Voltage range	200-240 / 50/60 V/Hz
Phase	1 ~
Current	0.95 A
Power	217 W
Speed	2800 rpm
Capacitor	- µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	45 dB(A)
Weight	27.0 kg
Wiring diagram	4040143

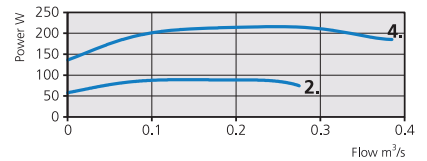
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	45	52	43	44	49	46	40	38	34	29
4. Outlet 10V		75	61	59	62	68	68	71	66	61
4. Inlet 10V		62	55	56	56	52	51	49	48	44
3. Inlet 8.5V		59	52	53	53	50	47	45	44	40
2. Inlet 7V		55	48	50	50	46	43	41	40	35
1. Inlet 5V		52	45	46	48	37	37	36	36	29

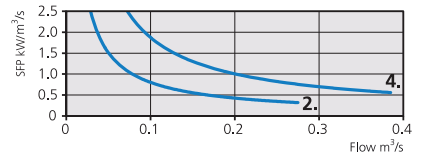
### PRESSURE/FLOW



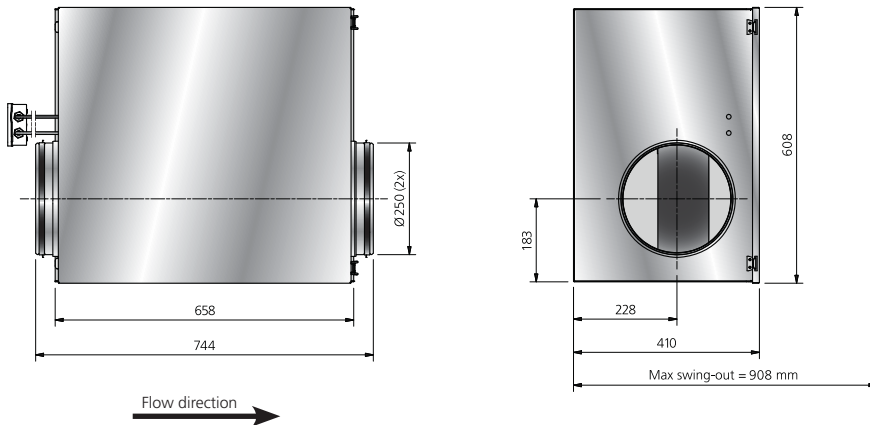
### POWER/FLOW



### SFP



### DIMENSIONS (mm)



### VOLTAGE STEPS

1. 5V    2. 7V    3. 8.5V    4. 10V

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 250 E1 EC

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.

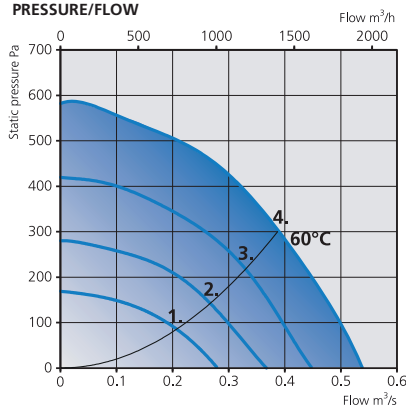
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.



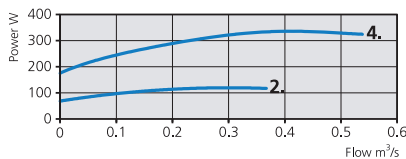
### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 250, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 250
- Backdraught shutters, RSK 250
- Louvre shutters, VK 25
- Silencer, LDC 250
- Speed controller, MS EC
- Pressure regulator

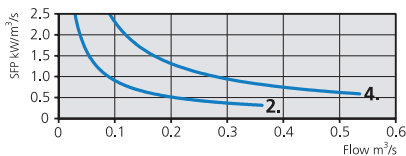
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### VOLTAGE STEPS

1. 5.5V   2. 7V   3. 8.5V   4. 10V

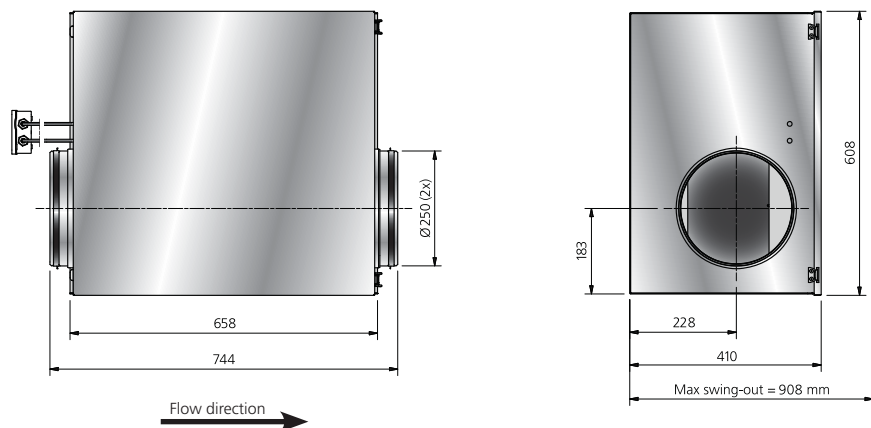
### TECHNICAL DATA

IRB 250 E1 EC	Art.no. 7880013
<b>Voltage</b>	230/50 V/Hz
<b>Voltage range</b>	200-277 / 50/60 V/Hz
<b>Phase</b>	1 ~
<b>Current</b>	1.37 A
<b>Power</b>	311 W
<b>Speed</b>	2020 rpm
<b>Capacitor</b>	- µF
<b>Max. temperature of transported air</b>	60 C°
<b>Max. temperature of transported air when speed controlled</b>	60 C°
<b>Sound pressure level at 3 m</b>	59 dB(A)
<b>Weight</b>	34.0 kg
<b>Wiring diagram</b>	4040175

### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
<b>4. Surrounding 10V</b>	59	66	52	55	66	48	41	38	36	31
<b>4. Outlet 10V</b>		79	66	68	78	67	63	60	57	54
<b>4. Inlet 10V</b>		72	62	66	71	52	45	45	42	41
<b>3. Inlet 8.5V</b>		67	59	64	61	47	40	40	38	37
<b>2. Inlet 7V</b>		62	55	60	54	40	34	34	33	31
<b>1. Inlet 5.5V</b>		57	51	55	47	33	27	26	28	22

### DIMENSIONS (mm)



# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 315 A1 EC



### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 315, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 315
- Backdraught shutters, RSK 315
- Louvre shutters, VK 31
- Silencer, LDC 315
- Speed controller, MS EC
- Pressure regulator

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs..
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.

- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

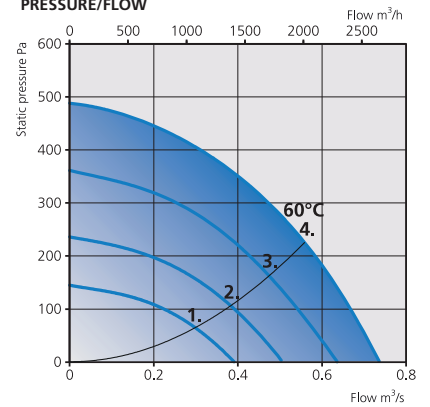
### TECHNICAL DATA

IRB 315 A1 EC	Art.no. 7890044
Voltage	230/50 V/Hz
Voltage range	200-277 / 50/60 V/Hz
Phase	1 ~
Current	1.36 A
Power	311 W
Speed	1650 rpm
Capacitor	- µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	52 dB(A)
Weight	49.4 kg
Wiring diagram	4040175

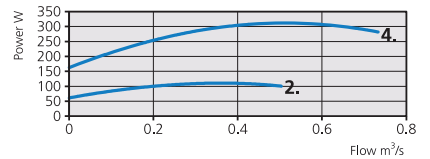
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	52	59	44	56	57	43	34	30	27	27
4. Outlet 10V		77	64	75	72	62	61	57	55	53
4. Inlet 10V		69	59	67	64	50	41	40	39	37
3. Inlet 8.5V		66	56	64	59	45	36	36	36	33
2. Inlet 7V		62	53	61	52	37	30	31	32	26
1. Inlet 5.5V		57	52	55	45	29	24	28	27	19

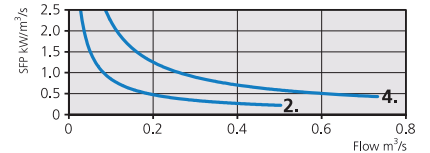
### PRESSURE/FLOW



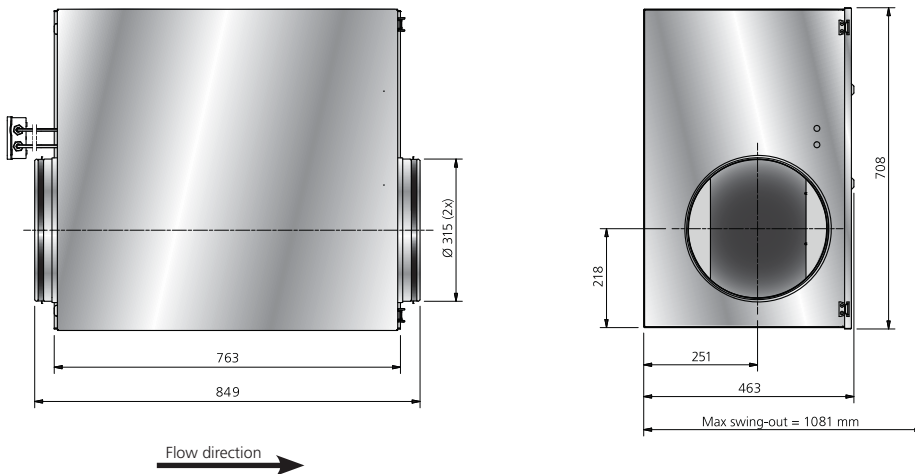
### POWER/FLOW



### SFP



### DIMENSIONS (mm)



### VOLTAGE STEPS

1. 5.5V    2. 7V    3. 8.5V    4. 10V

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 315 B1 EC

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.

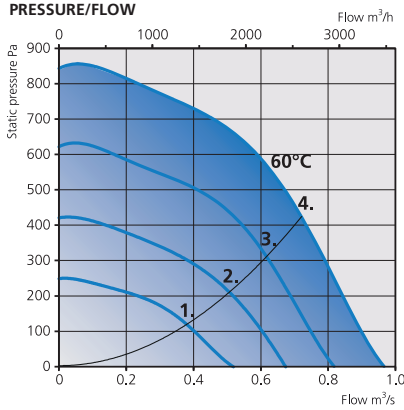
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.



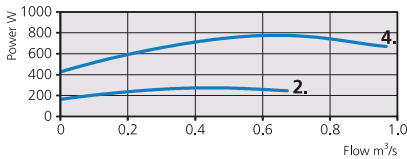
### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 315, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 315
- Backdraught shutters, RSK 315
- Louvre shutters, VK 31
- Silencer, LDC 315
- Speed controller, MS EC
- Pressure regulator

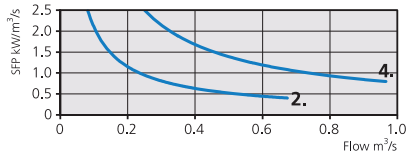
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### VOLTAGE STEPS

1. 5.5V    2. 7V    3. 8.5V    4. 10V

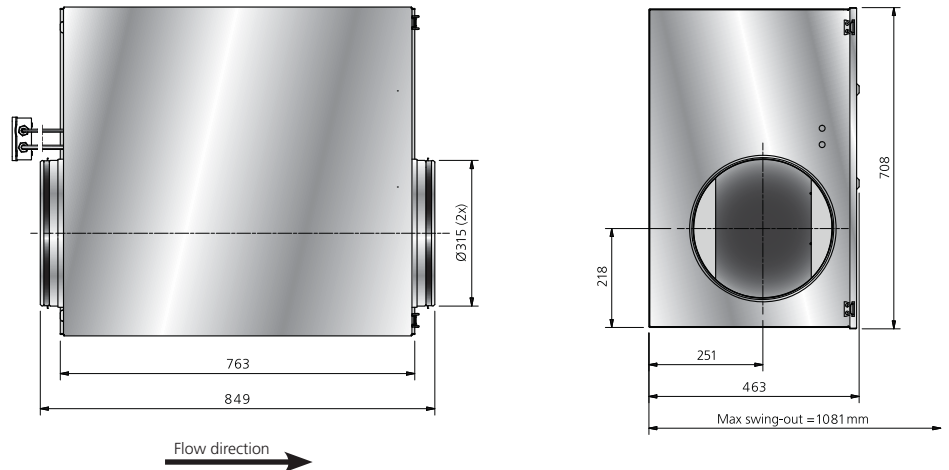
### TECHNICAL DATA

<b>IRB 315 B1 EC</b>	<b>Art.no. 7890034</b>
<b>Voltage</b>	230/50 V/Hz
<b>Voltage range</b>	200-277 / 50/60 V/Hz
<b>Phase</b>	1 ~
<b>Current</b>	3.57 A
<b>Power</b>	777 W
<b>Speed</b>	2200 rpm
<b>Capacitor</b>	- µF
<b>Max. temperature of transported air</b>	60 C°
<b>Max. temperature of transported air when speed controlled</b>	60 C°
<b>Sound pressure level at 3 m</b>	65 dB(A)
<b>Weight</b>	46.3 kg
<b>Wiring diagram</b>	4040145

### SOUND DATA

	$L_{pA}$	$L_{WA}$ tot dB (A)	63	125	250	500	1K	2K	4K	8K
<b>4. Surrounding 10V</b>	65	72	52	56	72	51	43	41	37	32
<b>4. Outlet 10V</b>		83	68	73	81	71	70	68	64	59
<b>4. Inlet 10V</b>		75	64	68	74	57	49	49	45	43
<b>3. Inlet 8.5V</b>		76	61	66	75	52	44	44	40	38
<b>2. Inlet 7V</b>		66	57	64	62	45	39	38	35	33
<b>1. Inlet 5.5V</b>		62	53	60	53	37	42	32	29	26

### DIMENSIONS (mm)



# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 315 E3 EC



### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 315, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 315
- Backdraught shutters, RSK 315
- Louvre shutters, VK 31
- Silencer, LDC 315
- Speed controller, MS EC
- Pressure regulator

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.

- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

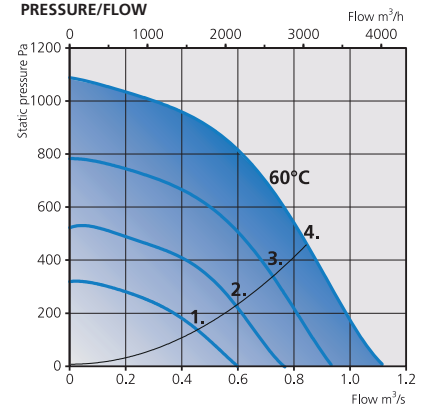
### TECHNICAL DATA

IRB 315 E3 EC	Art.no. 7890035
Voltage	400/50 V/Hz
Voltage range	380-480 / 50/60 V/Hz
Phase	3 ~
Current	1.67 A
Power	1070 W
Speed	2500 rpm
Capacitor	- µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	64 dB(A)
Weight	46.3 kg
Wiring diagram	4040147

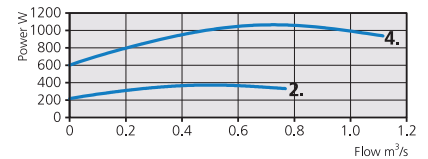
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	64	71	57	59	70	55	48	41	38	33
4. Outlet 10V		85	72	76	82	76	76	72	68	64
4. Inlet 10V		77	68	72	74	62	56	54	50	48
3. Inlet 8.5V		76	65	69	75	58	50	50	45	44
2. Inlet 7V		72	61	69	68	51	44	44	39	37
1. Inlet 5.5V		65	56	63	57	42	37	37	32	28

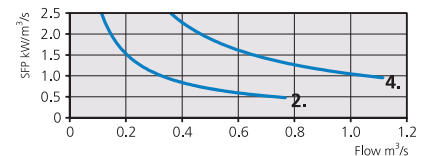
### PRESSURE/FLOW



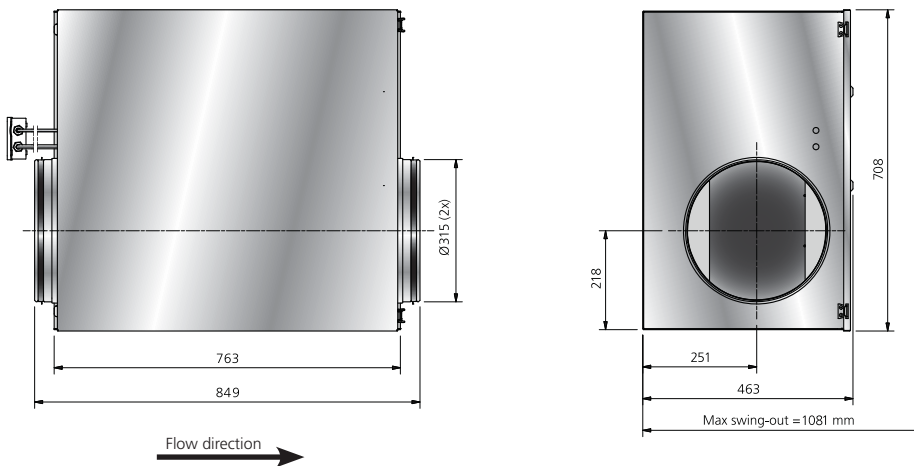
### POWER/FLOW



### SFP



### DIMENSIONS (mm)



### VOLTAGE STEPS

1. 5.5V   2. 7V   3. 8.5V   4. 10V

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 355 B1 EC

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.

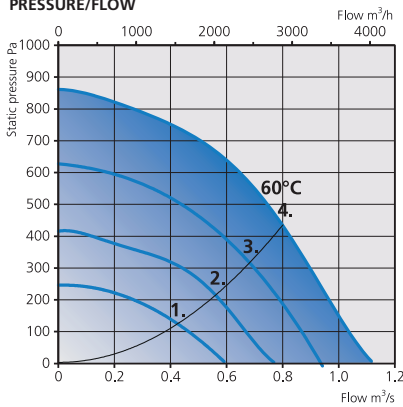
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.



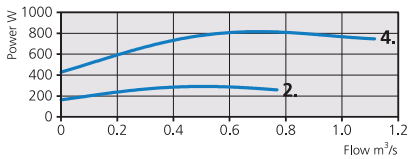
### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 355, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 355
- Backdraught shutters, RSK 355
- Louvre shutters, VK 35
- Silencer, LDC 355
- Speed controller, MS EC
- Pressure regulator

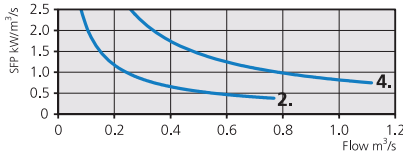
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### VOLTAGE STEPS

1. 5.5V    2. 7V    3. 8.5V    4. 10V

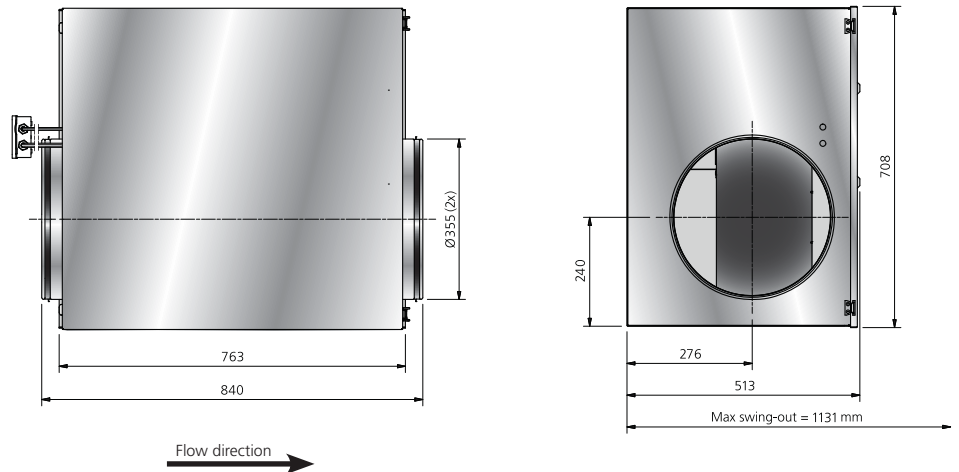
### TECHNICAL DATA

<b>IRB 355 B1 EC</b>	<b>Art.no. 7890036</b>
<b>Voltage</b>	230/50 V/Hz
<b>Voltage range</b>	200-277 / 50/60 V/Hz
<b>Phase</b>	1 ~
<b>Current</b>	3.73 A
<b>Power</b>	816 W
<b>Speed</b>	2200 rpm
<b>Capacitor</b>	- µF
<b>Max. temperature of transported air</b>	60 C°
<b>Max. temperature of transported air when speed controlled</b>	60 C°
<b>Sound pressure level at 3 m</b>	64 dB(A)
<b>Weight</b>	48.0 kg
<b>Wiring diagram</b>	4040145

### SOUND DATA

	L <sub>pA</sub>	L <sub>wA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
<b>4. Surrounding 10V</b>	64	71	51	56	70	52	44	43	39	34
<b>4. Outlet 10V</b>		83	67	72	81	73	72	68	64	67
<b>4. Inlet 10V</b>		77	65	68	76	58	52	50	46	47
<b>3. Inlet 8.5V</b>		76	62	67	75	53	46	44	41	41
<b>2. Inlet 7V</b>		68	58	66	62	46	40	38	36	36
<b>1. Inlet 5.5V</b>		63	52	62	55	37	38	32	33	29

### DIMENSIONS (mm)



# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 355 E3 EC



### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 355, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 355
- Backdraught shutters, RSK 355
- Louvre shutters, VK 35
- Silencer, LDC 355
- Speed controller, MS EC
- Pressure regulator

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.

- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

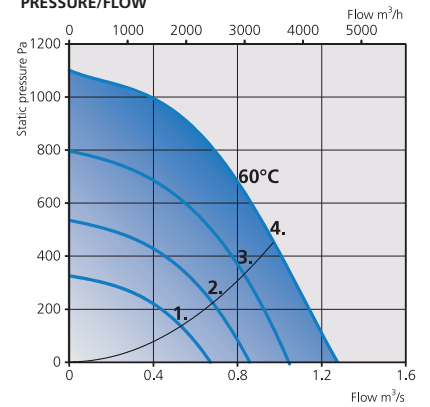
### TECHNICAL DATA

IRB 355 E3 EC	Art.no. 7890037
Voltage	400/50 V/Hz
Voltage range	380-480 / 50/60 V/Hz
Phase	3 ~
Current	1.74 A
Power	1120 W
Speed	2500 rpm
Capacitor	- µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	65 dB(A)
Weight	48.0 kg
Wiring diagram	4040147

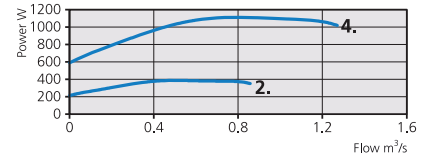
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	65	72	53	59	72	57	52	45	39	34
4. Outlet 10V		87	72	77	84	78	77	72	68	72
4. Inlet 10V		77	68	71	75	63	58	53	50	53
3. Inlet 8.5V		78	65	68	77	59	52	49	45	48
2. Inlet 7V		71	61	68	68	53	45	46	39	42
1. Inlet 5.5V		66	55	64	58	44	36	34	37	32

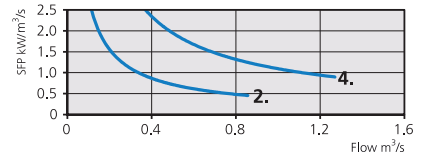
### PRESSURE/FLOW



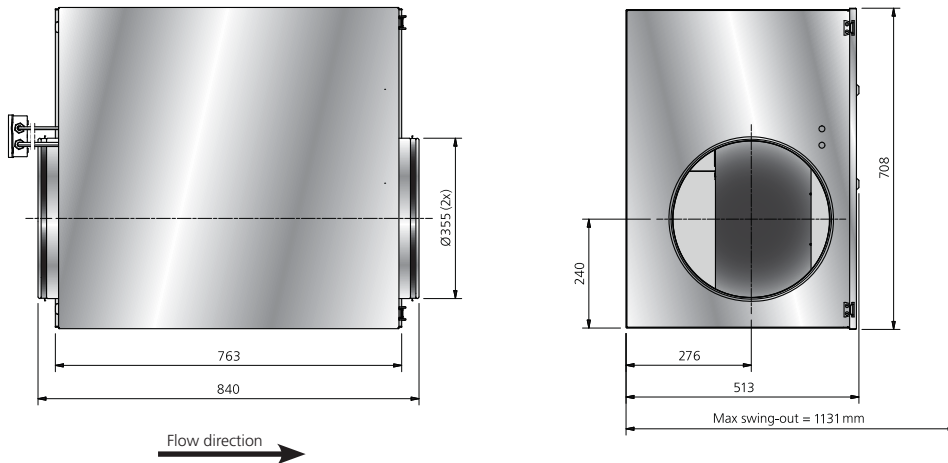
### POWER/FLOW



### SFP



### DIMENSIONS (mm)



### VOLTAGE STEPS

1. 5.5V 2. 7V 3. 8.5V 4. 10V

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 400 B1 EC

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.

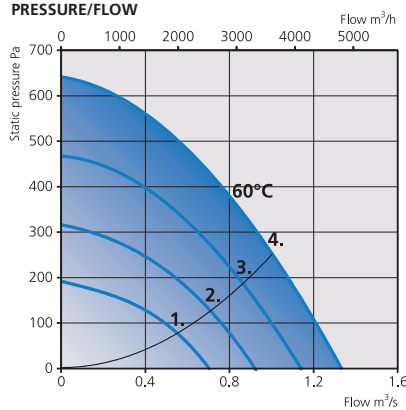
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.



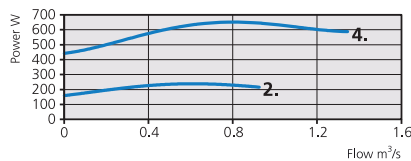
### ACCESSORIES

- Mounting clamp, MK 400, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 400
- Backdraught shutters, RSK 400
- Louvre shutters, VK 40
- Silencer, LDC 400
- Speed controller, MS EC
- Pressure regulator

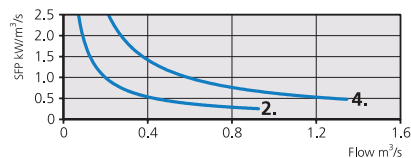
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### VOLTAGE STEPS

1. 5.5V   2. 7V   3. 8.5V   4. 10V

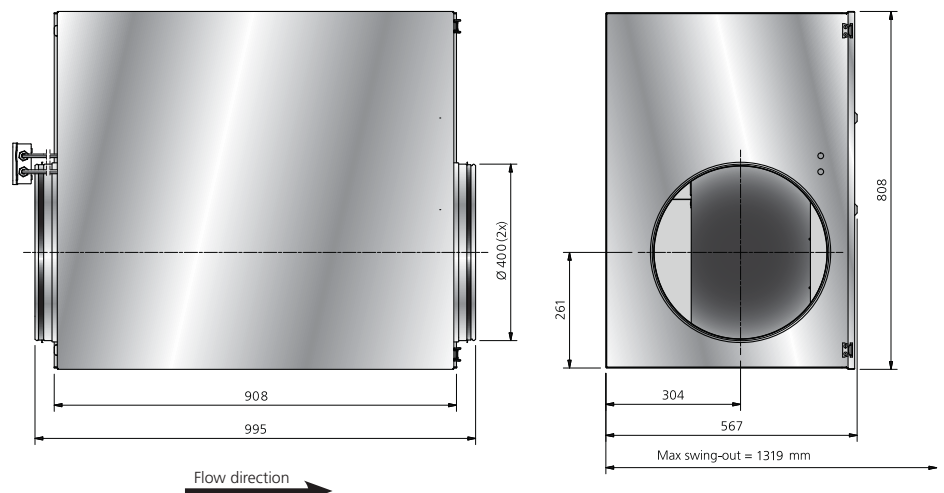
### TECHNICAL DATA

IRB 400 B1 EC	Art.no. 7890054
Voltage	230/50 V/Hz
Voltage range	200-277 / 50/60 V/Hz
Phase	1 ~
Current	2.98 A
Power	646 W
Speed	1420 rpm
Capacitor	- µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	57 dB(A)
Weight	60.7 kg
Wiring diagram	4040145

### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	57	64	50	62	58	46	37	34	31	28
4. Outlet 10V		81	69	79	74	68	66	62	61	56
4. Inlet 10V		73	62	71	64	60	55	45	41	39
3. Inlet 8.5V		68	60	65	60	56	51	40	38	34
2. Inlet 7V		64	57	63	55	51	41	33	34	29
1. Inlet 5.5V		62	61	52	49	43	32	30	27	22

### DIMENSIONS (mm)





# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 400 B3 EC



### ACCESSORIES

- Mounting clamp, MK 400, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 400
- Backdraught shutters, RSK 400
- Louvre shutters, VK 40
- Silencer, LDC 400
- Speed controller, MS EC
- Pressure regulator

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.

- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

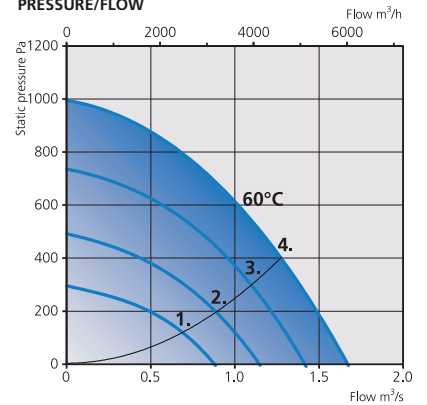
### TECHNICAL DATA

IRB 400 B3 EC	Art.no. 7890038
Voltage	400/50 V/Hz
Voltage range	380-480 / 50/60 V/Hz
Phase	3 ~
Current	1.96 A
Power	1270 W
Speed	1800 rpm
Capacitor	- µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	63 dB(A)
Weight	60.7 kg
Wiring diagram	4040147

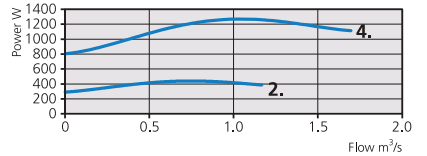
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	63	70	54	62	69	54	49	43	43	35
4. Outlet 10V		87	72	79	85	75	73	68	63	63
4. Inlet 10V		81	68	73	79	67	66	57	50	50
3. Inlet 8.5V		74	64	71	67	63	59	48	43	43
2. Inlet 7V		68	61	66	60	57	51	41	39	35
1. Inlet 5.5V		65	56	63	55	50	39	32	34	28

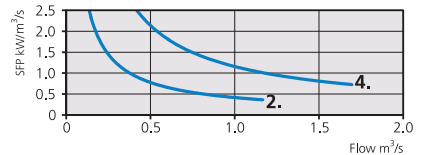
### PRESSURE/FLOW



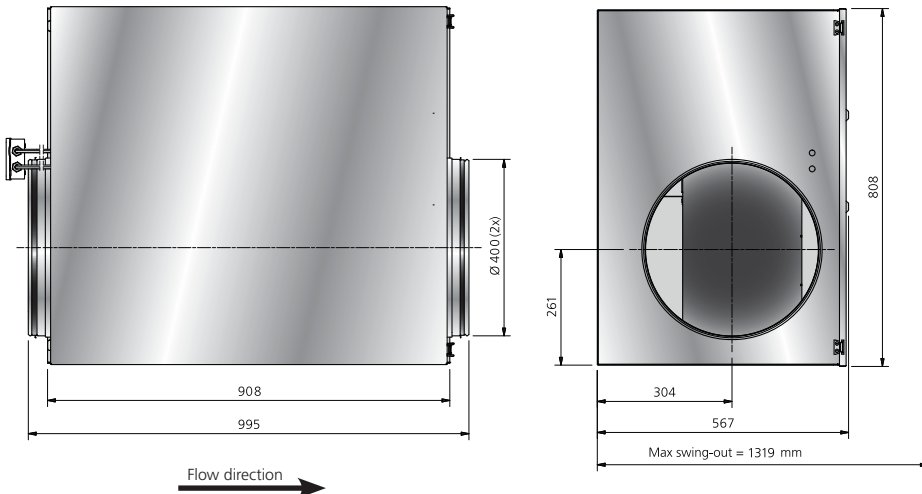
### POWER/FLOW



### SFP



### DIMENSIONS (mm)



### VOLTAGE STEPS

1. 5.5V 2. 7V 3. 8.5V 4. 10V

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 400 E3 EC

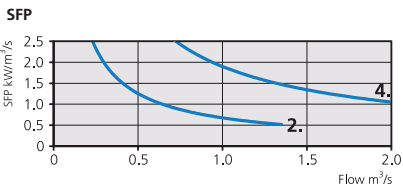
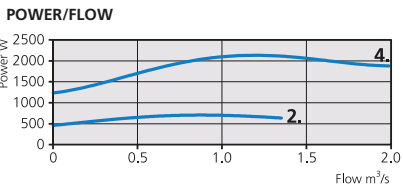
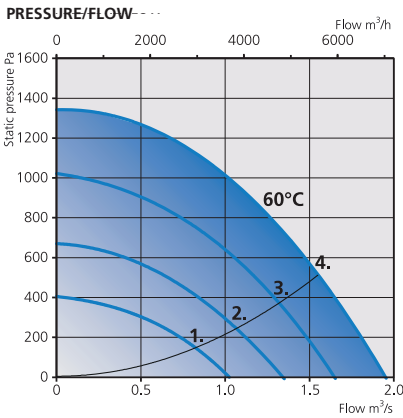
- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.

- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.



### ACCESSORIES

- Mounting clamp, MK 400, simplifies the connection to duct and absorbs vibrations
- Safety grill, BSV/BSR 400
- Backdraught shutters, RSK 400
- Louvre shutters, VK 40
- Silencer, LDC 400
- Speed controller, MS EC
- Pressure regulator



### VOLTAGE STEPS

1. 5.5V   2. 7V   3. 8.5V   4. 10V

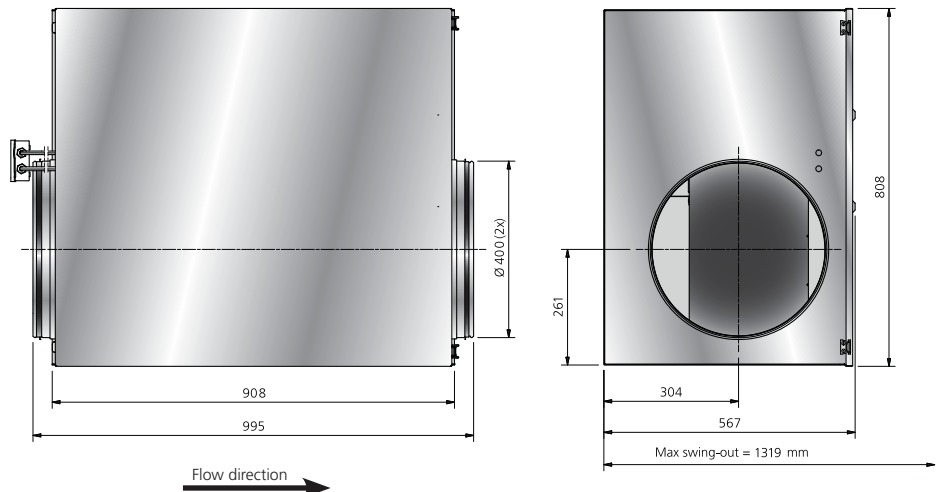
### TECHNICAL DATA

IRB 400 E3 EC	Art.no. 7890039
<b>Voltage</b>	400/50 V/Hz
<b>Voltage range</b>	380-480 / 50/60 V/Hz
<b>Phase</b>	3 ~
<b>Current</b>	3.25 A
<b>Power</b>	2120 W
<b>Speed</b>	2130 rpm
<b>Capacitor</b>	- µF
<b>Max. temperature of transported air</b>	60 C°
<b>Max. temperature of transported air when speed controlled</b>	60 C°
<b>Sound pressure level at 3 m</b>	67 dB(A)
<b>Weight</b>	62.1 kg
<b>Wiring diagram</b>	4040147

### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
<b>4. Surrounding 10V</b>	67	74	59	65	73	58	51	44	40	34
<b>4. Outlet 10V</b>		88	74	80	86	79	78	73	68	69
<b>4. Inlet 10V</b>		81	70	74	79	70	68	61	55	55
<b>3. Inlet 8.5V</b>		80	67	71	79	66	64	56	50	51
<b>2. Inlet 7V</b>		73	63	70	67	62	58	49	44	42
<b>1. Inlet 5.5V</b>		66	59	64	58	55	47	38	38	32

### DIMENSIONS (mm)



# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 500 A3 EC



### ACCESSORIES

- Mounting clamp, MK 500, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 500
- Backdraught shutters, RSK 500
- Louvre shutters, VK 50
- Silencer, LDC 500
- Speed controller, MS EC
- Pressure regulator

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.

- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

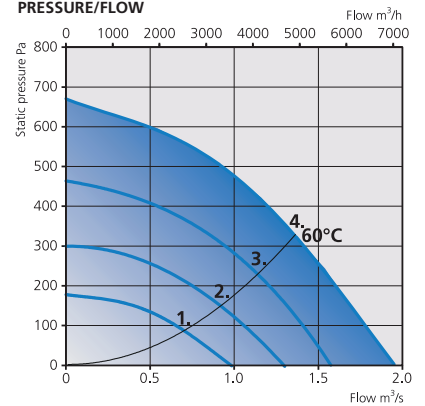
### TECHNICAL DATA

IRB 500 A3 EC	Art.no. 7890040
Voltage	400/50 V/Hz
Voltage range	380-480 / 50/60 V/Hz
Phase	3 ~
Current	1.55 A
Power	981 W
Speed	1340 rpm
Capacitor	- µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	59 dB(A)
Weight	79.7 kg
Wiring diagram	4040147

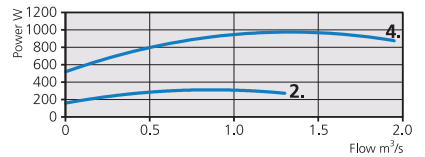
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	59	66	53	65	61	49	42	37	32	30
4. Outlet 10V		81	68	79	74	71	69	66	63	64
4. Inlet 10V		73	63	72	66	55	53	51	47	47
3. Inlet 8.5V		71	60	70	60	50	49	46	43	43
2. Inlet 7V		68	57	68	55	43	43	41	41	34
1. Inlet 5.5V		59	54	57	46	34	37	35	36	25

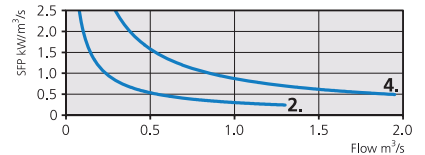
### PRESSURE/FLOW



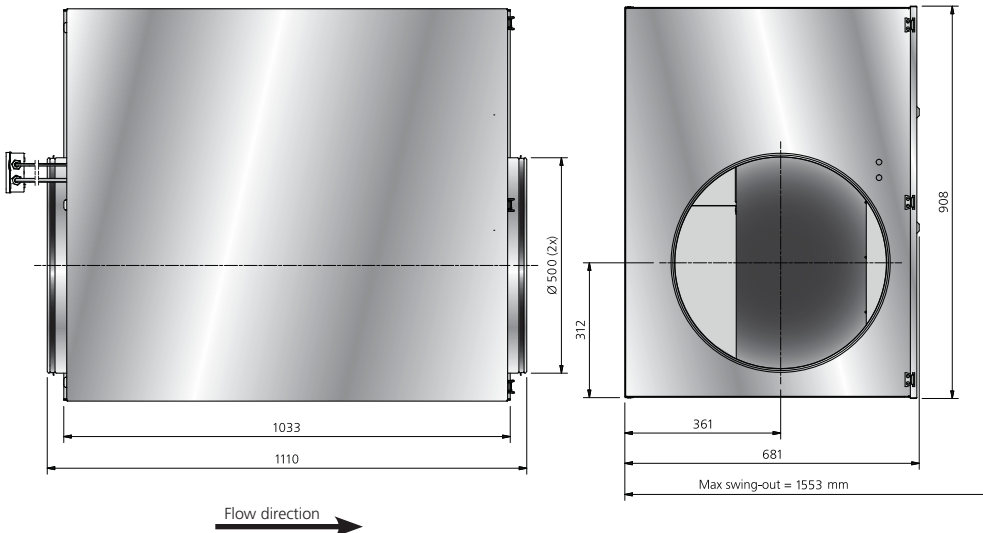
### POWER/FLOW



### SFP



### DIMENSIONS (mm)



### VOLTAGE STEPS

1. 5.5V 2. 7V 3. 8.5V 4. 10V

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 500 B3 EC

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.

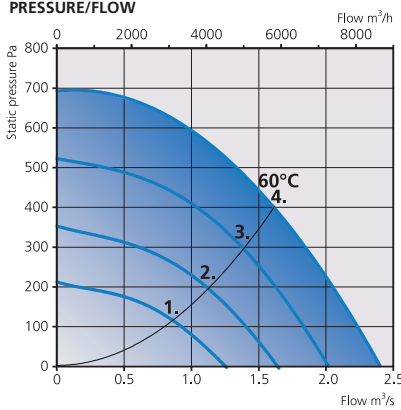
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.



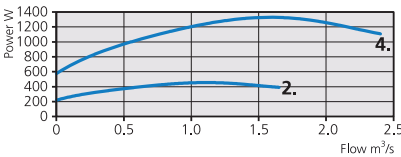
### ACCESSORIES

- Mounting clamp, MK 500, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 500
- Backdraught shutters, RSK 500
- Louvre shutters, VK 50
- Silencer, LDC 500
- Speed controller, MS EC
- Pressure regulator

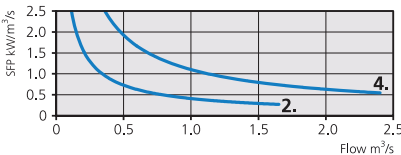
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### VOLTAGE STEPS

1. 5.5V    2. 7V    3. 8.5V    4. 10V

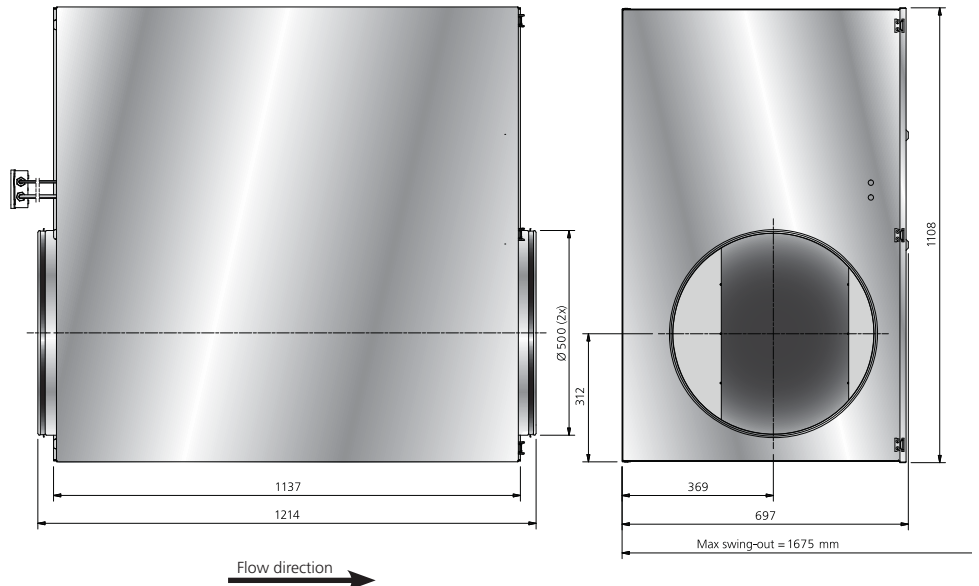
### TECHNICAL DATA

IRB 500 B3 EC	Art.no. 7890043
Voltage	400/50 V/Hz
Voltage range	380-480 / 50/60 V/Hz
Phase	3 ~
Current	2.09 A
Power	1330 W
Speed	1230 rpm
Capacitor	- µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	63 dB(A)
Weight	99.3 kg
Wiring diagram	4040147

### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	63	70	53	70	56	46	41	38	36	32
4. Outlet 10V		79	68	78	68	65	65	62	58	61
4. Inlet 10V		71	61	70	61	56	51	47	44	45
3. Inlet 8.5V		68	59	67	57	51	46	44	39	42
2. Inlet 7V		64	59	61	51	43	40	37	36	35
1. Inlet 5.5V		58	57	52	44	33	34	30	33	29

### DIMENSIONS (mm)



# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 500 E3 EC



### ACCESSORIES

- Mounting clamp, MK 500, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 500
- Backdraught shutters, RSK 500
- Louvre shutters, VK 50
- Silencer, LDC 500
- Speed controller, MS EC
- Pressure regulator

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs..
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.

- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

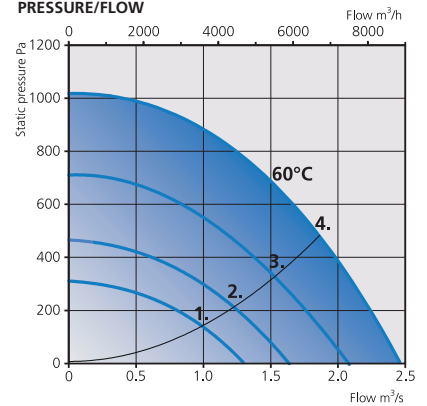
### TECHNICAL DATA

IRB 500 E3 EC	Art.no. 7890041
Voltage	400/50 V/Hz
Voltage range	380-480 / 50/60 V/Hz
Phase	3 ~
Current	3.05 A
Power	2000 W
Speed	1710 rpm
Capacitor	- µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	69 dB(A)
Weight	89.5 kg
Wiring diagram	4040147

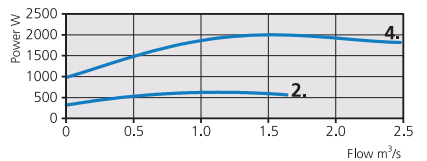
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	69	76	60	67	75	57	48	43	38	33
4. Outlet 10V		89	73	80	86	80	78	75	71	70
4. Inlet 10V		80	70	75	76	64	61	59	54	55
3. Inlet 8.5V		76	66	75	70	59	56	54	50	51
2. Inlet 7V		72	62	71	62	52	50	48	44	45
1. Inlet 5.5V		70	57	69	55	43	43	41	41	33

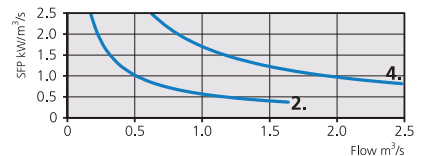
### PRESSURE/FLOW



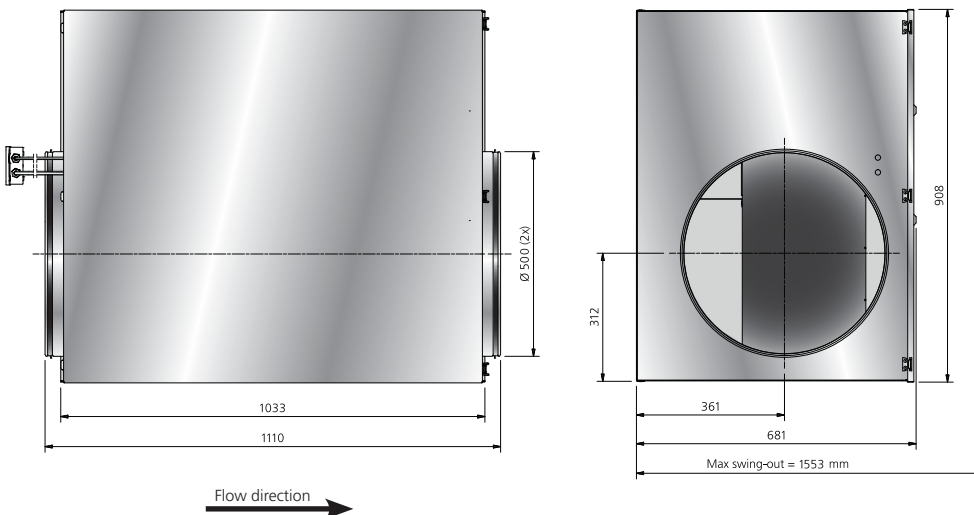
### POWER/FLOW



### SFP



### DIMENSIONS (mm)



### VOLTAGE STEPS

1. 5.5V 2. 7V 3. 8.5V 4. 10V

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRB 500 F3 EC

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.

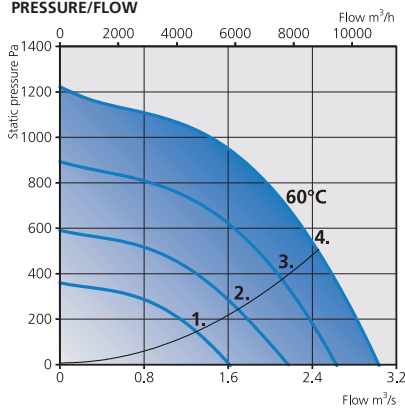
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.



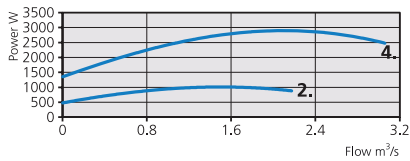
### ACCESSORIES

- Mounting clamp, MK 500, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 500
- Backdraught shutters, RSK 500
- Louvre shutters, VK 50
- Silencer, LDC 500
- Speed controller, MS EC
- Pressure regulator

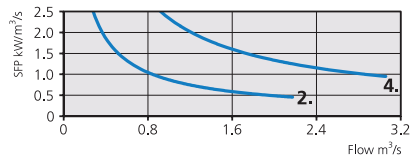
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### VOLTAGE STEPS

1. 5.5V   2. 7V   3. 8.5V   4. 10V

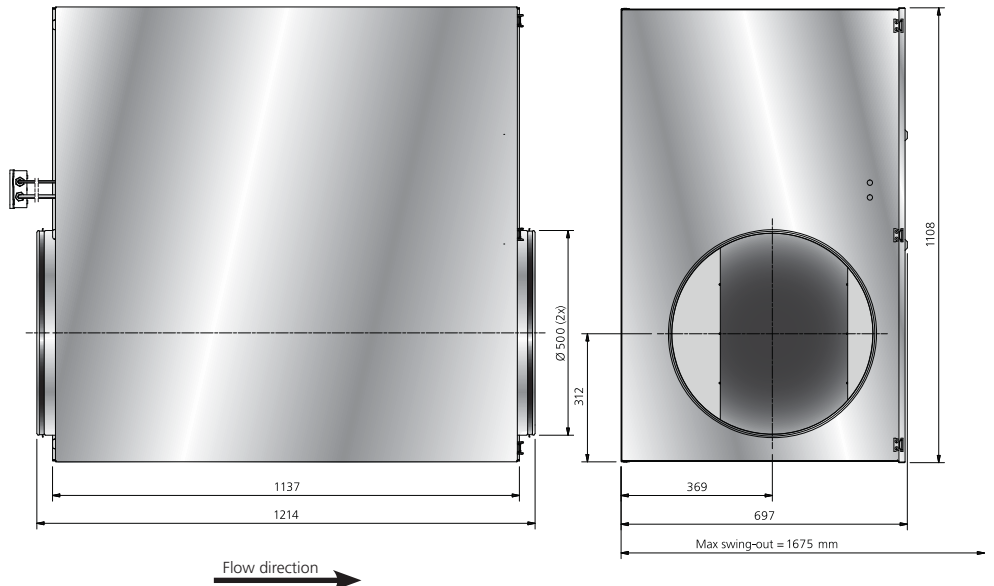
### TECHNICAL DATA

IRB 500 F3 EC	Art.no. 7890042
Voltage	400/50 V/Hz
Voltage range	380-480 / 50/60 V/Hz
Phase	3 ~
Current	4.47 A
Power	2916 W
Speed	1620 rpm
Capacitor	- µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	66 dB(A)
Weight	112.0 kg
Wiring diagram	4040147

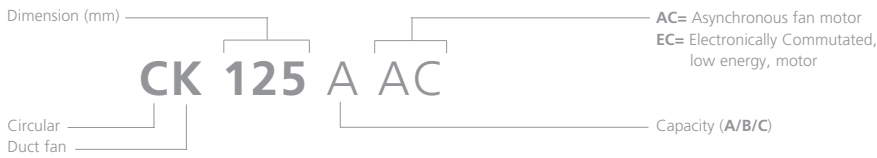
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	66	73	62	71	69	58	48	42	40	39
4. Outlet 10V		86	74	82	80	77	77	72	70	68
4. Inlet 10V		79	69	76	72	67	63	58	55	53
3. Inlet 8.5V		76	66	74	67	63	58	53	50	49
2. Inlet 7V		72	62	70	61	58	50	46	44	43
1. Inlet 5.5V		68	62	65	55	48	42	39	37	34

### DIMENSIONS (mm)



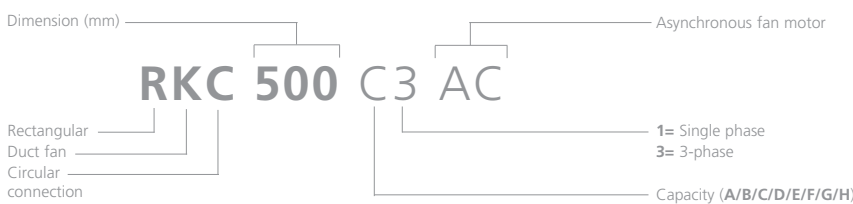
## UNINSULATED



**CK** ..... 8  
The CK has proven performance and reliability. It is compact with high capacity and efficiency with low sound levels.  
CK is available with AC or EC motor.  
Airflows up to 1.800 m<sup>3</sup>/h (0.52 m<sup>3</sup>/s).



**LPKB** ..... 36  
The LPKB is a low profile duct fan with circular connection. A very small and useful duct fan which is perfect for spaces with minimum height clearance. Available with one or two connections at the inlet side. It has high capacity and efficiency with low sound levels.  
LPKB is available with AC or EC motor.  
Airflows up to 1.000 m<sup>3</sup>/h (0.28 m<sup>3</sup>/s).

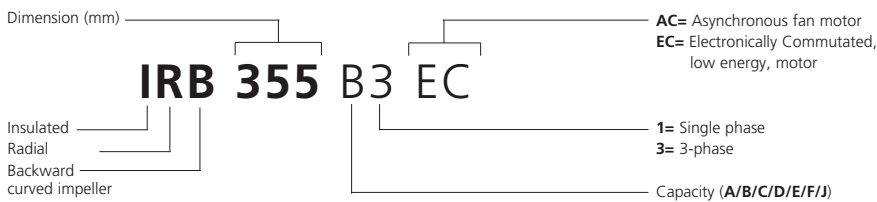


**RKC** ..... 48  
The RKC is a converted RK by using a RK-Kit. Designed to cope with high pressure and long ducts.  
RKC is available with AC motor.  
Airflows up to 9.100 m<sup>3</sup>/h (2.50 m<sup>3</sup>/s).

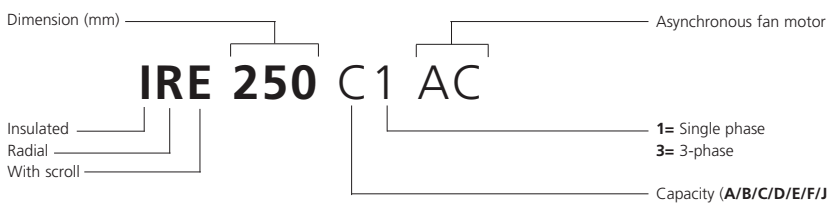
## SOUND ATTENUATED

**LPKB Silent** ..... 68  
LPKB Silent is almost the same and has the same benefits as the LPKB. But LPKB Silent is equipped with a built in silencer on the inlet side for an even lower sound level.  
LPKB Silent is available with AC or EC motor.  
Airflows up to 1.000 m<sup>3</sup>/h (0.28 m<sup>3</sup>/s).

## INSULATED



**IRB** ..... 80  
The IRB, equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air. Designed for high pressure and long, complicated duct runs.  
IRB is available with AC or EC motor.  
Airflows up to 10.800 m<sup>3</sup>/h (3.00 m<sup>3</sup>/s).



**IRE** ..... 116  
The IRE, equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air. Designed for high pressure and long, complicated duct runs.  
IRE is available with AC motor.  
Airflows up to 8.200 m<sup>3</sup>/h (2.28 m<sup>3</sup>/s).

**CAU** ..... 140  
**IFA** ..... 144  
**IFK** ..... 148  
These three types have multiple inlets.  
All three types are available with AC motor.

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRE 125 A1 AC



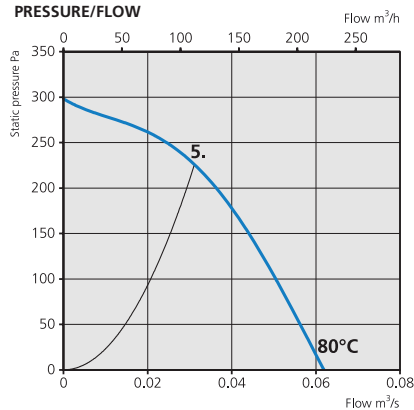
- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

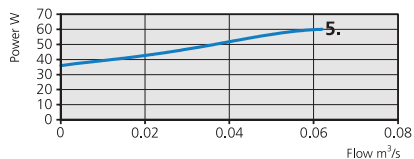
### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 125, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 125
- Backdraught shutters, RSK 125
- Louvre shutters, VK 12
- Silencer, LDC 125
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

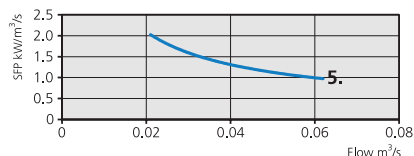
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TRANSFORMER STEPS

1. 80V
2. 110V
3. 135V
4. 165V
5. 230V

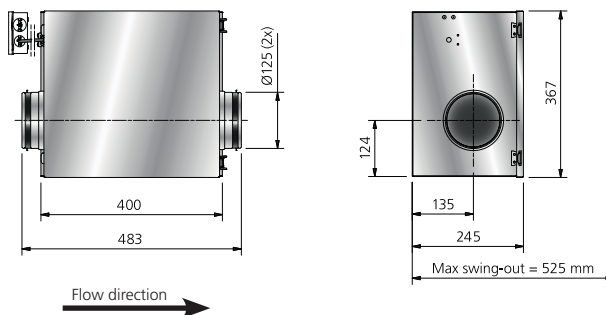
### TECHNICAL DATA

IRE 125 A1 AC	Art.no. 7900073
<b>Voltage</b>	230/50 V/Hz
<b>Voltage range</b>	220-240/50 V/Hz
<b>Phase</b>	1 ~
<b>Current</b>	0.27 A
<b>Power</b>	61 W
<b>Speed</b>	1130 rpm
<b>Capacitor</b>	4 µF
<b>Max. temperature of transported air</b>	80 C°
<b>Max. temperature of transported air when speed controlled</b>	80 C°
<b>Sound pressure level at 3 m</b>	28 dB(A)
<b>Weight</b>	9.7 kg
<b>Wiring diagram</b>	4040002

### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
<b>5. Surrounding 230V</b>	28	35	26	28	28	27	27	25	26	27
<b>5. Outlet 230V</b>		61	48	53	54	55	56	50	43	30
<b>5. Inlet 230V</b>		53	36	51	48	43	38	33	29	17

### DIMENSIONS (mm)





# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRE 125 B1 AC



### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 125, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 125
- Backdraught shutters, RSK 125
- Louvre shutters, VK 12
- Silencer, LDC 125
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

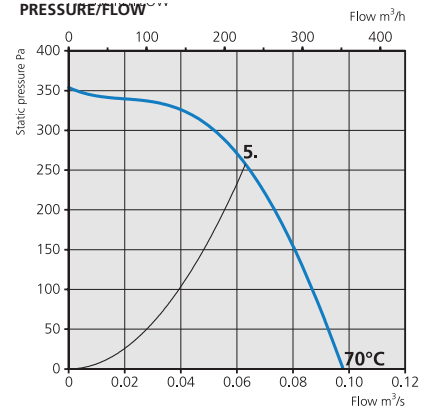
### TECHNICAL DATA

IRE 125 B1 AC	Art.no. 7900075
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	0.42 A
Power	99 W
Speed	1650 rpm
Capacitor	2 µF
Max. temperature of transported air	70 C°
Max. temperature of transported air when speed controlled	70 C°
Sound pressure level at 3 m	35 dB(A)
Weight	9.7 kg
Wiring diagram	4040001

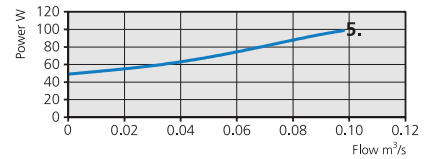
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	35	42	34	34	39	34	32	28	27	28
5. Outlet 230V		68	55	60	61	64	62	60	53	43
5. Inlet 230V		59	42	56	55	51	44	40	37	27

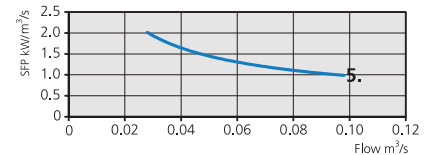
### PRESSURE/FLOW



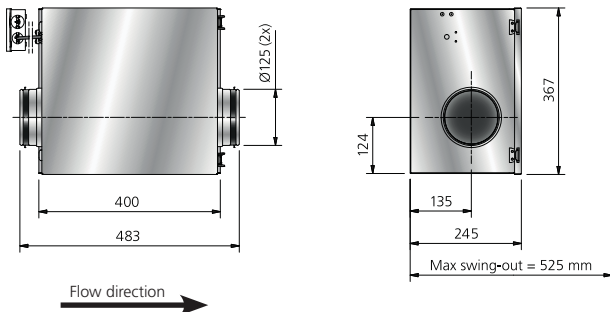
### POWER/FLOW



### SFP



### DIMENSIONS (mm)



### TRANSFORMER STEPS

1. 80V
2. 110V
3. 135V
4. 165V
5. 230V

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRE 125 C1 AC



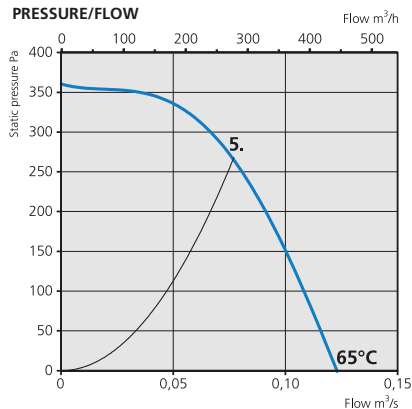
- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

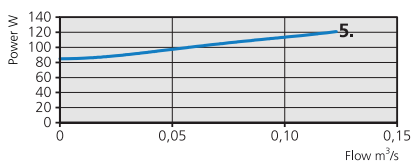
### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 125, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 125
- Backdraught shutters, RSK 125
- Louvre shutters, VK 12
- Silencer, LDC 125
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 1.0

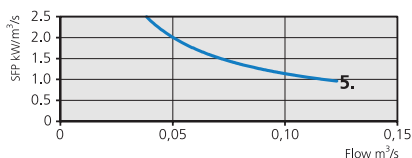
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TRANSFORMER STEPS

1. 80V    2. 110V    3. 135V    4. 165V    5. 230V

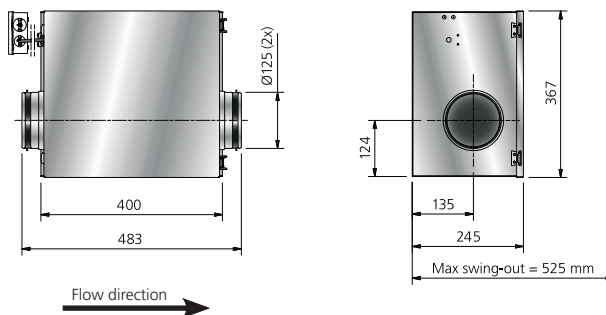
### TECHNICAL DATA

IRE 125 C1 AC	Art.no. 7900077
<b>Voltage</b>	230/50 V/Hz
<b>Voltage range</b>	220-240/50 V/Hz
<b>Phase</b>	1 ~
<b>Current</b>	0.53 A
<b>Power</b>	122 W
<b>Speed</b>	1850 rpm
<b>Capacitor</b>	4 µF
<b>Max. temperature of transported air</b>	65 C°
<b>Max. temperature of transported air when speed controlled</b>	65 C°
<b>Sound pressure level at 3 m</b>	37 dB(A)
<b>Weight</b>	9.7 kg
<b>Wiring diagram</b>	4040001

### SOUND DATA

	L <sub>pA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
<b>5. Surrounding 230V</b>	37	44	28	35	42	36	33	29	28	28
<b>5. Outlet 230V</b>		70	56	62	63	65	64	62	55	46
<b>5. Inlet 230V</b>		62	43	59	57	54	46	44	40	30

### DIMENSIONS (mm)



# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRE 160 B1 AC



### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 160, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 160
- Backdraught shutters, RSK 160
- Louvre shutters, VK 16
- Silencer, LDC 160
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

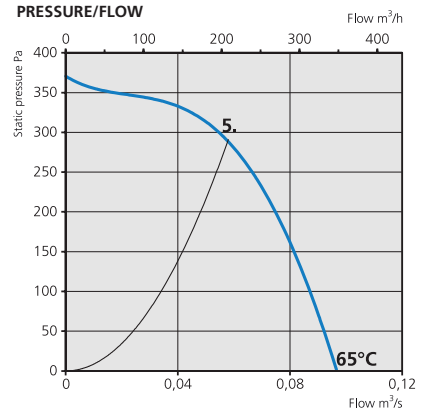
### TECHNICAL DATA

IRE 160 B1 AC	Art.no. 7900082
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	0.46 A
Power	105 W
Speed	1650 rpm
Capacitor	2 µF
Max. temperature of transported air	65 C°
Max. temperature of transported air when speed controlled	65 C°
Sound pressure level at 3 m	36 dB(A)
Weight	10.1 kg
Wiring diagram	4040001

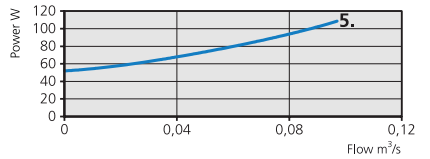
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	36	43	29	40	39	34	32	28	27	27
5. Outlet 230V		68	56	61	61	62	61	58	53	44
5. Inlet 230V		61	44	59	56	50	44	39	35	26

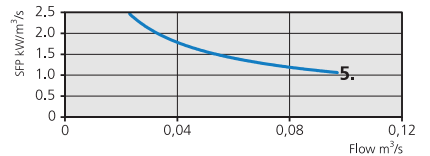
### PRESSURE/FLOW



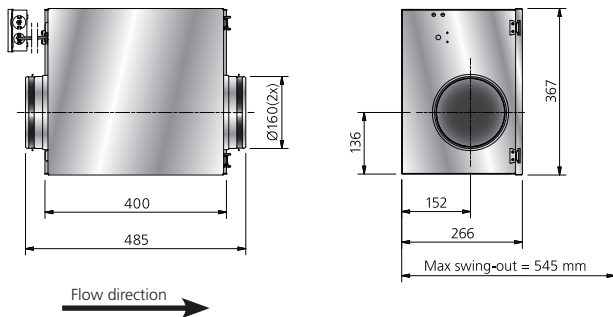
### POWER/FLOW



### SFP



### DIMENSIONS (mm)



### TRANSFORMER STEPS

1. 80V
2. 110V
3. 135V
4. 165V
5. 230V

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRE 160 C1 AC



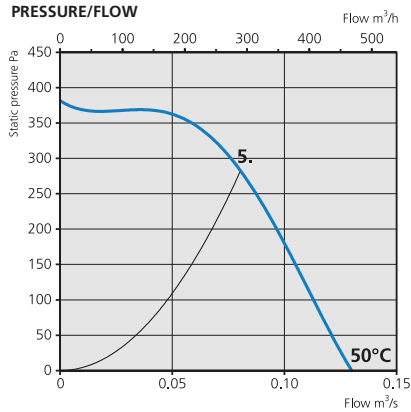
- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

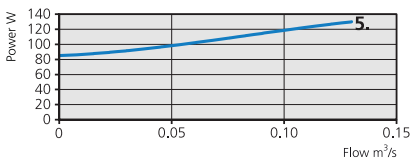
### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 160, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 160
- Backdraught shutters, RSK 160
- Louvre shutters, VK 16
- Silencer, LDC 160
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 1.0

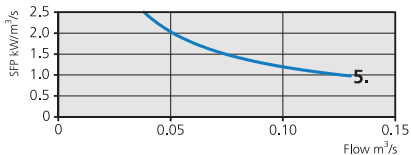
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TRANSFORMER STEPS

1. 80V    2. 110V    3. 135V    4. 165V    5. 230V

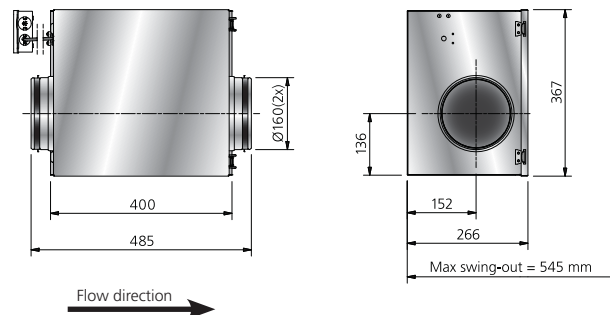
### TECHNICAL DATA

IRE 160 C1 AC	Art.no. 7900084
<b>Voltage</b>	230/50 V/Hz
<b>Voltage range</b>	220-240/50 V/Hz
<b>Phase</b>	1 ~
<b>Current</b>	0.55 A
<b>Power</b>	127 W
<b>Speed</b>	1850 rpm
<b>Capacitor</b>	4 µF
<b>Max. temperature of transported air</b>	50 C°
<b>Max. temperature of transported air when speed controlled</b>	50 C°
<b>Sound pressure level at 3 m</b>	37 dB(A)
<b>Weight</b>	10.1 kg
<b>Wiring diagram</b>	4040001

### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
<b>5. Surrounding 230V</b>	37	44	29	37	41	36	34	30	28	28
<b>5. Outlet 230V</b>		71	58	63	64	65	63	62	56	47
<b>5. Inlet 230V</b>		62	46	60	57	53	46	42	38	29

### DIMENSIONS (mm)



# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRE 160 D1 AC



### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 160, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 160
- Backdraught shutters, RSK 160
- Louvre shutters, VK 16
- Silencer, LDC 160
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 1.0

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

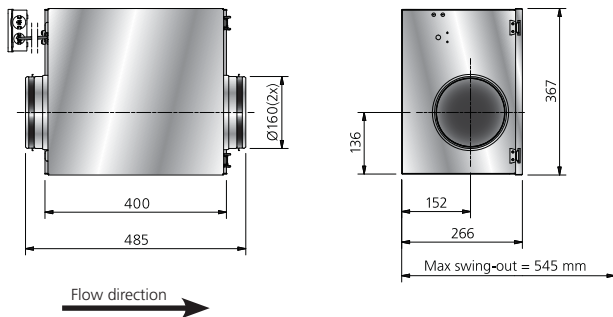
### TECHNICAL DATA

IRE 160 D1 AC	Art.no. 7900017
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	0.72 A
Power	164 W
Speed	2220 rpm
Capacitor	4 µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	43 dB(A)
Weight	10.3 kg
Wiring diagram	4040001

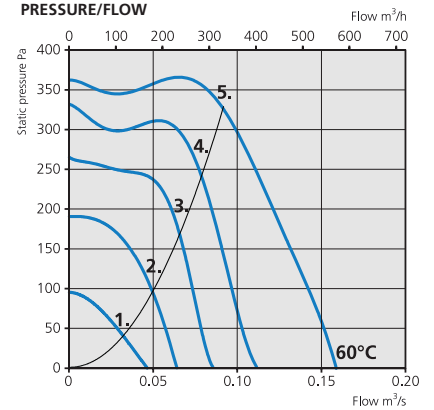
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	43	50	34	47	44	41	34	32	30	28
5. Outlet 230V		79	65	68	71	72	69	71	69	69
5. Inlet 230V		67	50	65	60	53	44	48	46	45
4. Inlet 165V		61	46	59	54	47	40	42	39	37
3. Inlet 135V		56	42	55	49	40	36	35	32	28
2. Inlet 110V		51	34	49	43	35	29	28	24	17
1. Inlet 80V		42	29	41	34	27	18	16	11	10

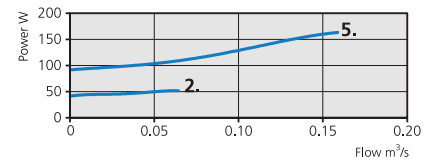
### DIMENSIONS (mm)



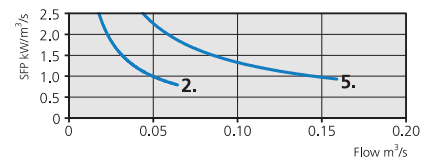
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRE 200 A1 AC

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.

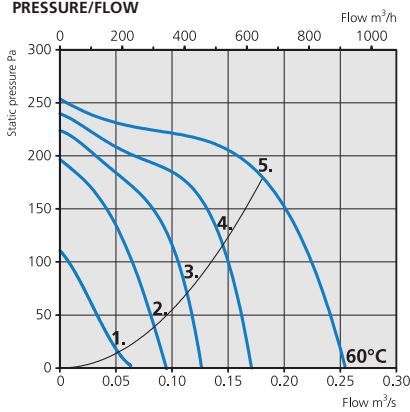
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.



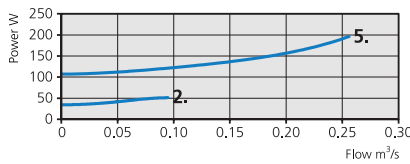
### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 200, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 200
- Backdraught shutters, RSK 200
- Louvre shutters, VK 20
- Silencer, LDC 200
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 1.0

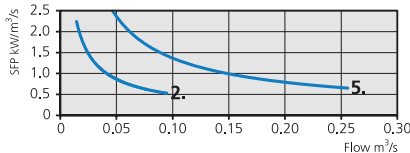
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TRANSFORMER STEPS

1. 80V    2. 110V    3. 135V    4. 165V    5. 230V

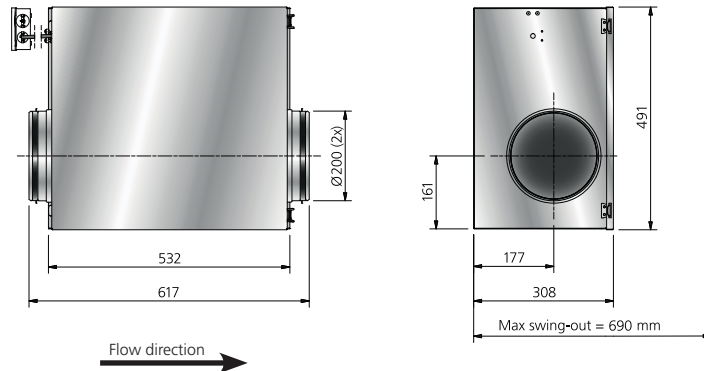
### TECHNICAL DATA

IRE 200 A1 AC	Art.no. 7900087
<b>Voltage</b>	230/50 V/Hz
<b>Voltage range</b>	220-240/50 V/Hz
<b>Phase</b>	1 ~
<b>Current</b>	0.85 A
<b>Power</b>	195 W
<b>Speed</b>	1000 rpm
<b>Capacitor</b>	6 µF
<b>Max. temperature of transported air</b>	60 C°
<b>Max. temperature of transported air when speed controlled</b>	60 C°
<b>Sound pressure level at 3 m</b>	44 dB(A)
<b>Weight</b>	16.8 kg
<b>Wiring diagram</b>	4040001

### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
<b>5. Surrounding 230V</b>	44	51	36	43	49	41	41	34	32	28
<b>5. Outlet 230V</b>		75	62	64	65	67	67	66	68	61
<b>5. Inlet 230V</b>		61	53	56	58	51	46	44	42	36
<b>4. Inlet 165V</b>		56	49	51	52	47	39	40	37	29
<b>3. Inlet 135V</b>		54	45	51	48	40	34	34	30	20
<b>2. Inlet 110V</b>		52	39	51	45	32	27	25	20	12
<b>1. Inlet 80V</b>		50	29	48	46	24	15	9	14	10

### DIMENSIONS (mm)



# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS



## IRE 250 C1 ErP AC

### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 250, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 250
- Backdraught shutters, RSK 250
- Louvre shutters, VK 25
- Silencer, LDC 250
- Transformer VRDE 1.5, VRTE 1
- Electronic speed controller, VRS 2.0

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Double inlet radial fan with forward curved impeller.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

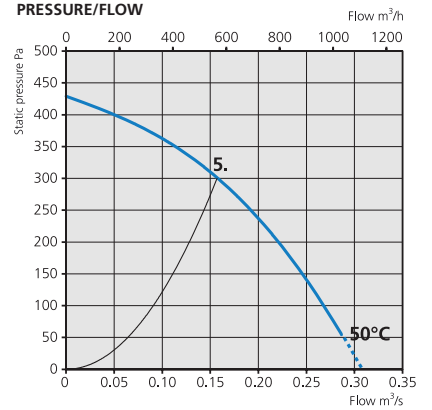
### TECHNICAL DATA

IRE 250 C1 AC	Art.no. 7900095
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	1.13 A
Power	256 W
Speed	2120 rpm
Capacitor	5 µF
Max. temperature of transported air	50 C°
Max. temperature of transported air when speed controlled	50 C°
Sound pressure level at 3 m	43 dB(A)
Weight	14.4 kg
Wiring diagram	4040001

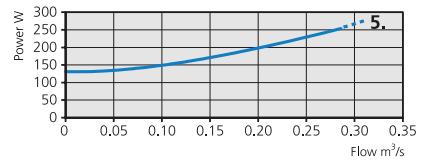
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	43	47	41	38	45	39	34	36	35	36
5. Outlet 230V		63	53	59	58	55	50	47	46	44
5. Inlet 230V		70	58	61	60	63	62	63	61	58

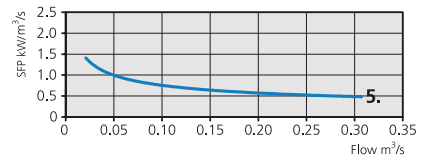
### PRESSURE/FLOW



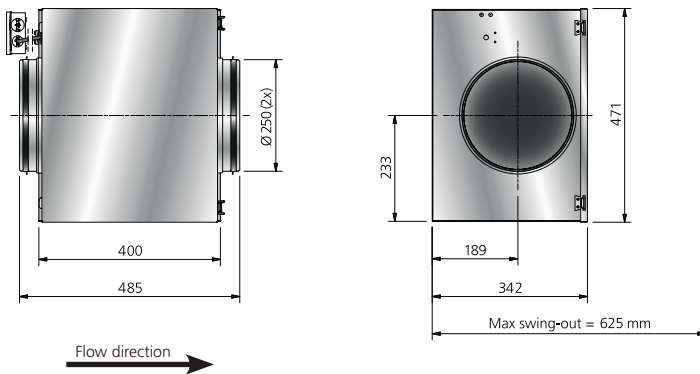
### POWER/FLOW



### SFP



### DIMENSIONS (mm)



### TRANSFORMER STEPS

1. 80V
2. 110V
3. 135V
4. 165V
5. 230V

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRE 250 D1 AC



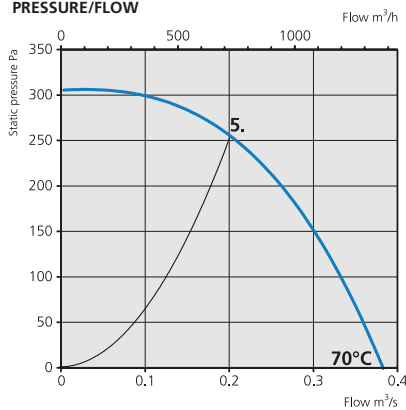
- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.

- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- This product is not approved for use in the EU, EFTA or EEA countries.

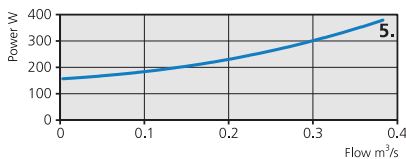
### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 250, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 250
- Backdraught shutters, RSK 250
- Louvre shutters, VK 25
- Silencer, LDC 250
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 1.0

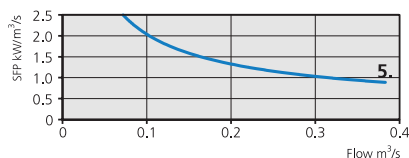
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

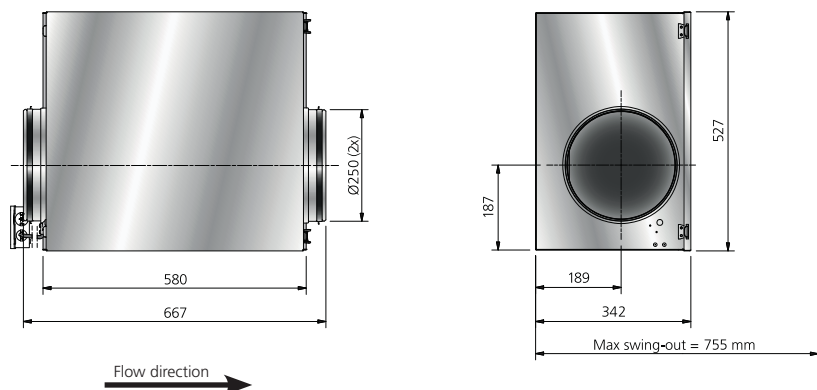
### TECHNICAL DATA

IRE 250 D1 AC	Art.no. 7900097	
Voltage	230/50	V/Hz
Voltage range	220-240/50	V/Hz
Phase	1	~
Current	1.72	A
Power	378	W
Speed	1300	rpm
Capacitor	8	$\mu F$
Max. temperature of transported air	70	C°
Max. temperature of transported air when speed controlled	70	C°
Sound pressure level at 3 m	45	dB(A)
Weight	23.6	kg
Wiring diagram	4040005	

### SOUND DATA

	$L_{pA}$	$L_{WA}$ tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	45	52	43	48	48	42	38	36	37	39
5. Outlet 230V		73	59	60	64	68	68	64	62	53
5. Inlet 230V		63	55	59	59	52	48	47	42	34

### DIMENSIONS (mm)





# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRE 315 B1 AC



### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 315, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 315
- Backdraught shutters, RSK 315
- Louvre shutters, VK 31
- Silencer, LDC 315
- Transformer VRTE 5
- Electronic speed controller, VRS 4.0

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.

- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- This product is not approved for use in the EU, EFTA or EEA countries.

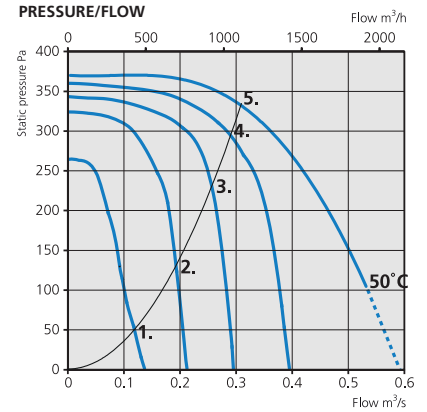
### TECHNICAL DATA

IRE 315 B1 AC	Art.no. 7900104
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	3.00 A
Power	620 W
Speed	1330 rpm
Capacitor	12 µF
Max. temperature of transported air	50 C°
Max. temperature of transported air when speed controlled	50 C°
Sound pressure level at 3 m	45 dB(A)
Weight	30.8 kg
Wiring diagram	4040005

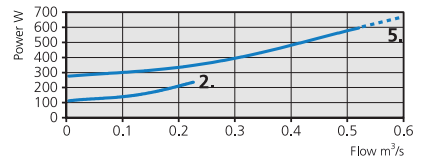
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	45	52	42	46	48	46	40	38	37	37
5. Outlet 230V		79	65	67	69	72	72	72	73	66
5. Inlet 230V		71	60	67	66	58	55	59	59	54

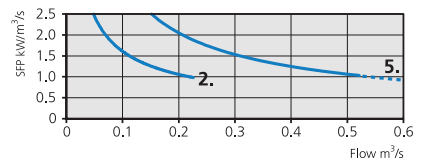
### PRESSURE/FLOW



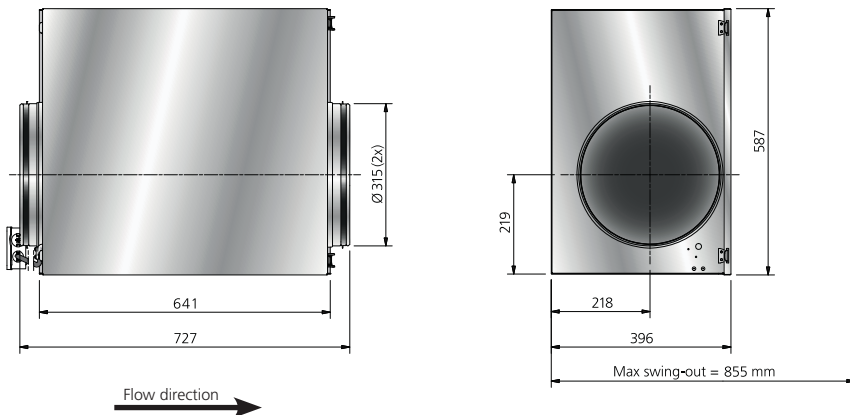
### POWER/FLOW



### SFP



### DIMENSIONS (mm)

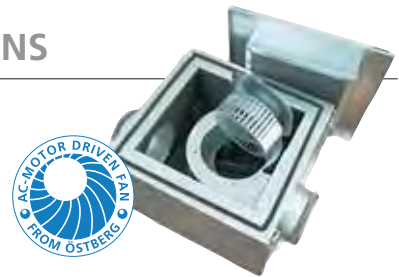


### TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRE 315 B3 ErP AC



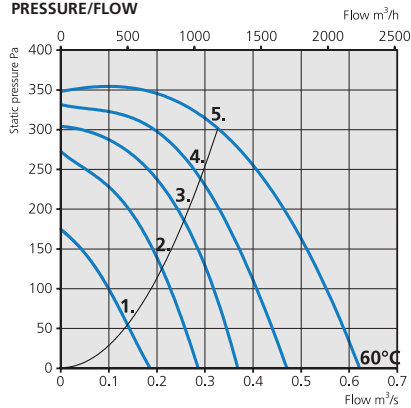
- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

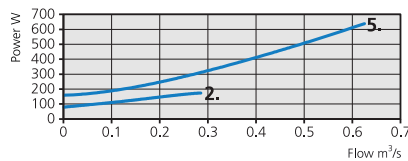
### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 315, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 315
- Backdraught shutters, RSK 315
- Louvre shutters, VK 31
- Silencer, LDC 315
- Transformer VRDT 2, VRTT 2

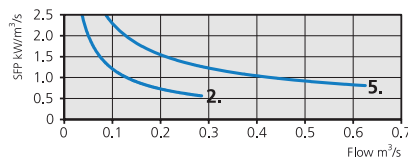
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TRANSFORMER STEPS

1. 95V 2. 145V 3. 185V 4. 240V 5. 400V

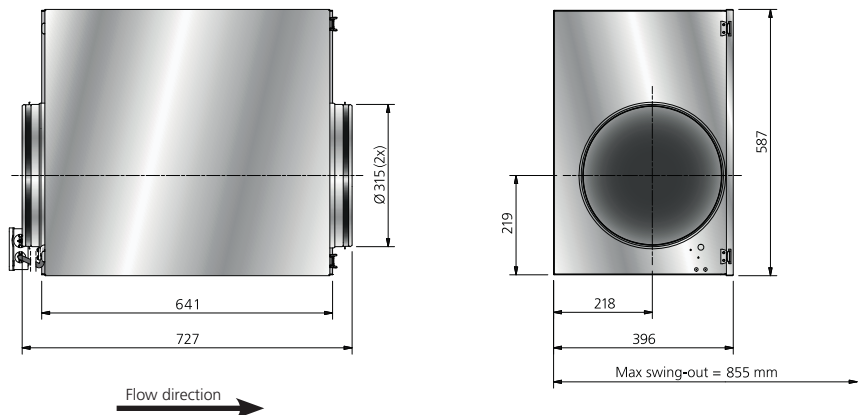
### TECHNICAL DATA

IRE 315 B3 ErP AC	Art.no. 7900240
<b>Voltage</b>	Y 400/Δ 230 / 50 V/Hz
<b>Voltage range</b>	380-415/50 V/Hz
<b>Phase</b>	3 ~
<b>Current</b>	1.38 / 2.40 A
<b>Power</b>	638 W
<b>Speed</b>	1290 rpm
<b>Capacitor</b>	. μF
<b>Max. temperature of transported air</b>	60 C°
<b>Max. temperature of transported air when speed controlled</b>	60 C°
<b>Sound pressure level at 3 m</b>	47 dB(A)
<b>Weight</b>	30.7 kg
<b>Wiring diagram</b>	Y 4040004 / Δ 4040003

### SOUND DATA

	$L_{pA}$	$L_{WA}$ tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	47	54	49	52	48	43	43	40	39	33
5. Outlet 400V		82	66	66	70	74	76	75	74	67
5. Inlet 400V		66	61	62	59	46	50	51	47	41
4. Inlet 240V		65	60	62	59	46	48	50	46	40
3. Inlet 185V		61	56	57	55	42	43	45	42	34
2. Inlet 145V		56	51	52	51	38	37	39	35	26
1. Inlet 95V		47	42	43	41	28	27	29	22	12

### DIMENSIONS (mm)





# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRE 400 F1 AC

### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 400, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 400
- Backdraught shutters, RSK 400
- Louvre shutters, VK 40
- Transformer VRDE 7, VRTE 5
- Electronic speed controller, VRS 4.0

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.

- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- This product is not approved for use in the EU, EFTA or EEA countries.

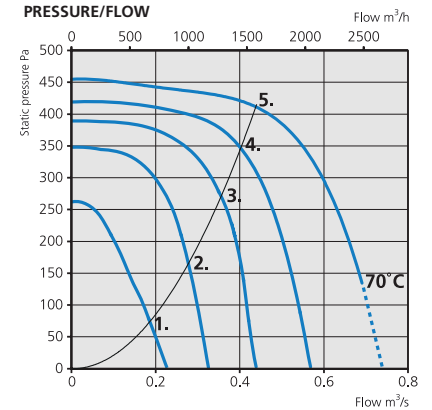
### TECHNICAL DATA

IRE 400 F1 AC	Art.no. 7900109
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	4.70 A
Power	1000 W
Speed	1200 rpm
Capacitor	20 µF
Max. temperature of transported air	70 C°
Max. temperature of transported air when speed controlled	70 C°
Sound pressure level at 3 m	46 dB(A)
Weight	50.1 kg
Wiring diagram	4040005

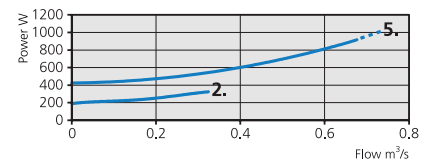
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	46	53	46	46	49	45	45	43	43	41
5. Outlet 230V		78	67	67	69	71	74	69	68	60
5. Inlet 230V		68	58	63	65	58	57	56	53	45

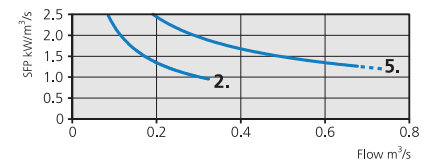
### PRESSURE/FLOW



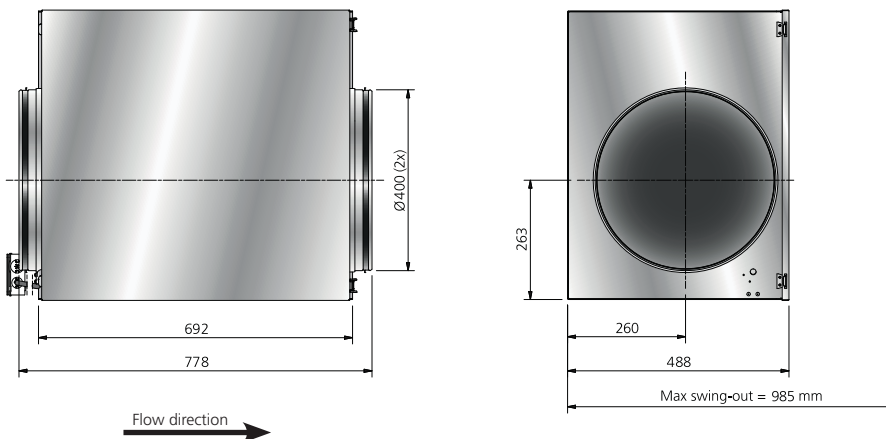
### POWER/FLOW



### SFP



### DIMENSIONS (mm)



### TRANSFORMER STEPS

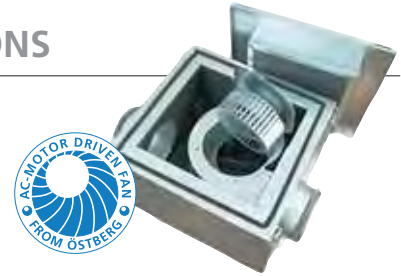
1. 230V

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRE 400 F3 ErP AC

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.

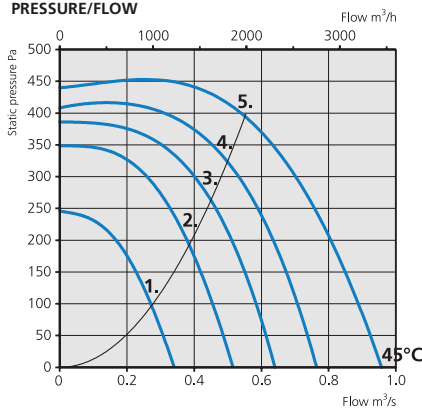
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.



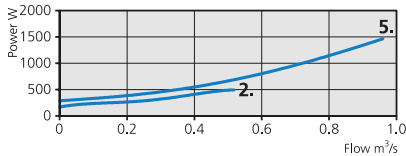
### ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 400, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 400
- Backdraught shutters, RSK 400
- Louvre shutters, VK 40
- Transformer VRDT 4, VRTT 4

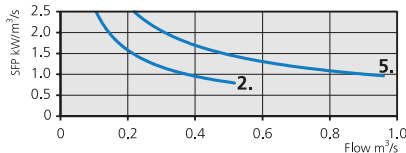
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TRANSFORMER STEPS

1. 95V    2. 145V    3. 185V    4. 240V    5. 400V

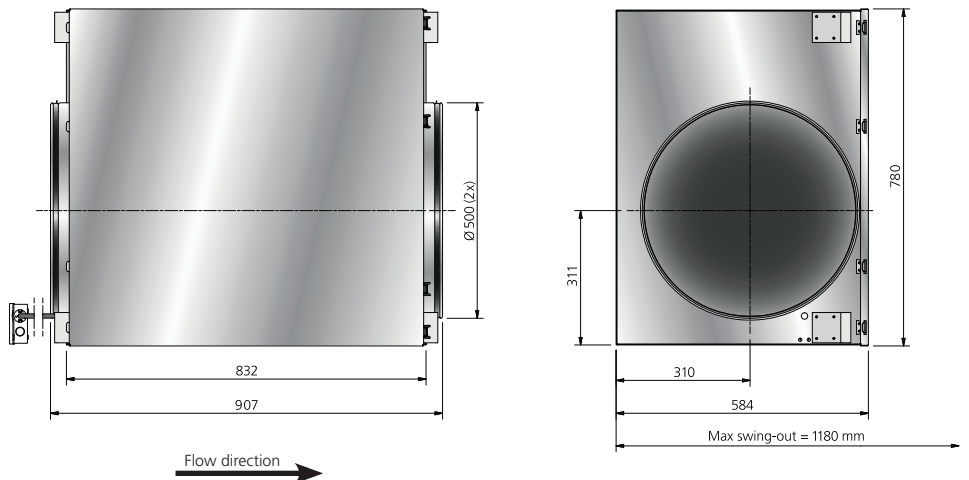
### TECHNICAL DATA

IRE 400 F3 ErP AC	Art.no. 7900209
<b>Voltage</b>	Y 400/Δ 230 / 50 V/Hz
<b>Voltage range</b>	380-415/50 V/Hz
<b>Phase</b>	3 ~
<b>Current</b>	2.72 / 4.73 A
<b>Power</b>	1470 W
<b>Speed</b>	1310 rpm
<b>Capacitor</b>	- μF
<b>Max. temperature of transported air</b>	45 C°
<b>Max. temperature of transported air when speed controlled</b>	45 C°
<b>Sound pressure level at 3 m</b>	50 dB(A)
<b>Weight</b>	46.5 kg
<b>Wiring diagram</b>	Y 4040004 / Δ 4040003

### SOUND DATA

	$L_{pA}$	$L_{wA}$ tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	50	57	48	50	54	48	47	44	41	34
5. Outlet 400V		91	71	77	80	79	86	86	84	77
5. Inlet 400V		72	65	68	65	53	58	59	55	50
4. Inlet 240V		71	65	68	64	53	57	58	54	49
3. Inlet 185V		69	64	66	61	49	53	54	50	45
2. Inlet 145V		65	61	61	57	45	48	49	45	38
1. Inlet 95V		58	55	52	49	37	40	41	36	26

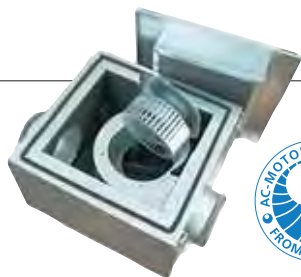
### DIMENSIONS (mm)



Flow direction →

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRE 500 A3 ErP AC



### ACCESSORIES

- Mounting clamp, MK 500, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 500
- Backdraught shutters, RSK 500
- Louvre shutters, VK 50
- Transformer VRDT 2 or 4, VRTT 2 or 4

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

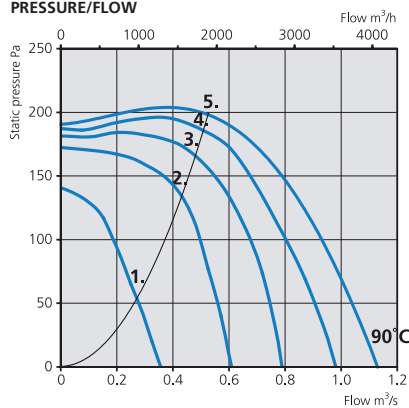
### TECHNICAL DATA

<b>IRE 500 A3 ErP AC</b>	<b>Art.no. 7900036</b>
<b>Voltage</b>	Y 400/Δ 230 / 50 V/Hz
<b>Voltage range</b>	380-415/50 V/Hz
<b>Phase</b>	3 ~
<b>Current</b>	2.00/3.50 A
<b>Power</b>	540 W
<b>Speed</b>	690 rpm
<b>Capacitor</b>	- μF
<b>Max. temperature of transported air</b>	90 C°
<b>Max. temperature of transported air when speed controlled</b>	90 C°
<b>Sound pressure level at 3 m</b>	42 dB(A)
<b>Weight</b>	71.4 kg
<b>Wiring diagram</b>	Y 4040004 / Δ 4040003

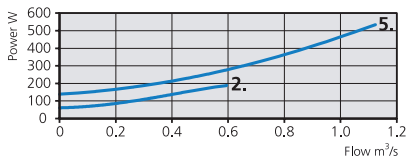
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
<b>5. Surrounding 400V</b>	42	49	42	36	44	46	41	39	39	37
<b>5. Outlet 400V</b>		73	58	59	63	68	68	67	65	51
<b>5. Inlet 400V</b>		62	55	57	56	53	52	53	50	38

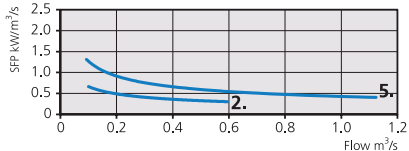
### PRESSURE/FLOW



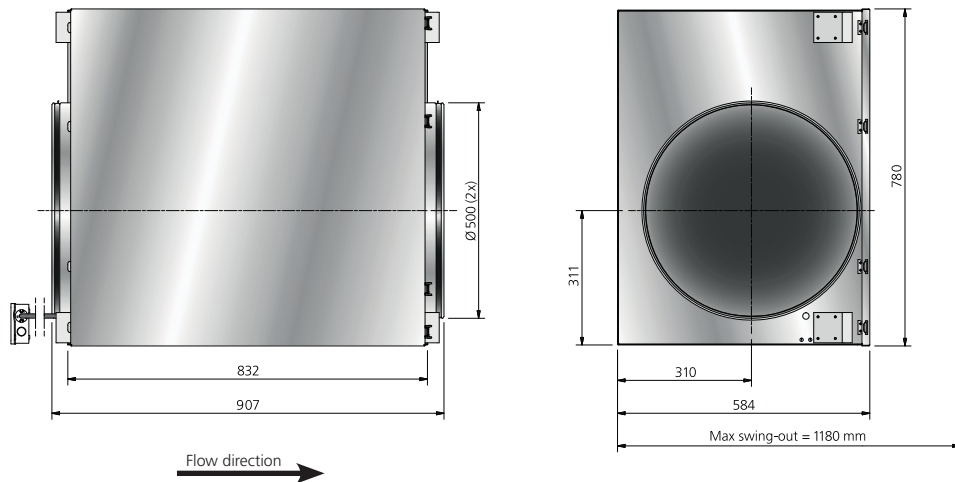
### POWER/FLOW



### SFP



### DIMENSIONS (mm)

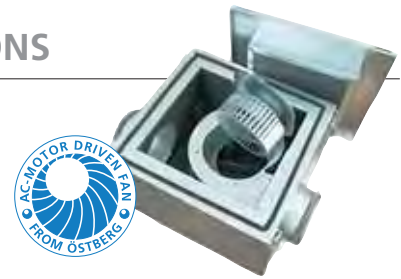


### TRANSFORMER STEPS

1. 95V    2. 145V    3. 185V    4. 240V    5. 400V

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRE 500 C3 ErP AC



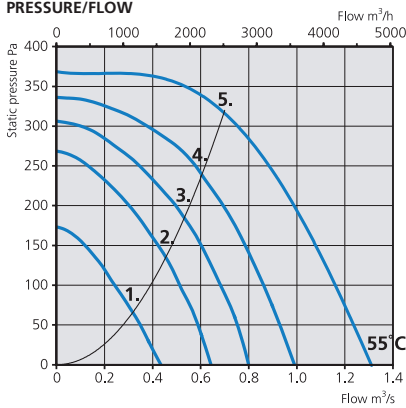
### ACCESSORIES

- Mounting clamp, MK 400, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 400
- Backdraught shutters, RSK 400
- Louvre shutters, VK 40
- Transformer VRDT 4, VRTT 4

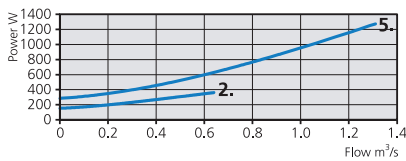
- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

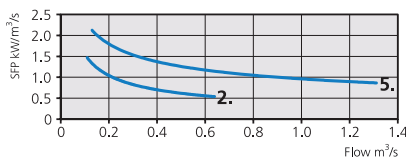
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TRANSFORMER STEPS

1. 95V    2. 145V    3. 185V    4. 240V    5. 400V

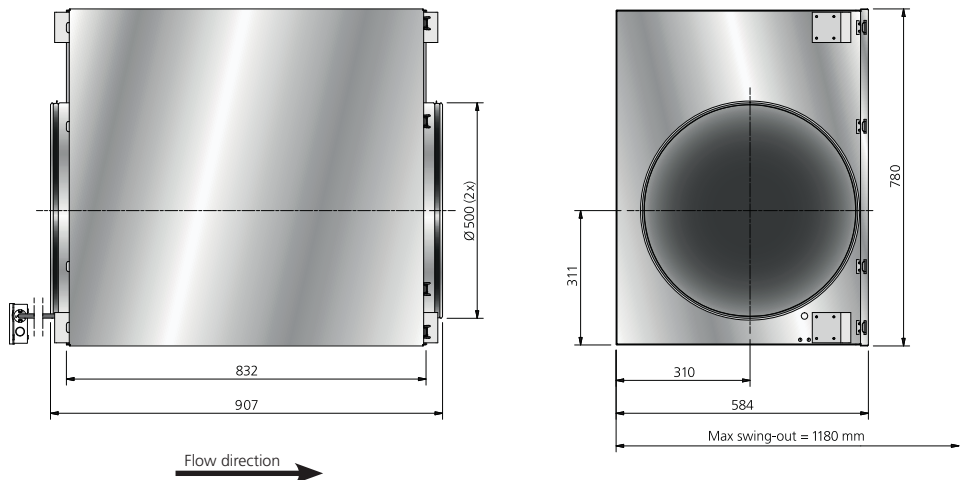
### TECHNICAL DATA

IRE 500 C3 ErP AC	Art.no. 7900040
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	2.60 / 4.50 A
Power	1300 W
Speed	800 rpm
Capacitor	- μF
Max. temperature of transported air	55 C°
Max. temperature of transported air when speed controlled	55 C°
Sound pressure level at 3 m	44 dB(A)
Weight	71.3 kg
Wiring diagram	Y 4040004 / Δ 4040003

### SOUND DATA

	L <sub>pA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	44	51	43	41	44	45	46	39	38	38
5. Outlet 400V		80	59	64	66	70	75	74	74	67
5. Inlet 400V		69	59	62	59	59	62	61	62	55

### DIMENSIONS (mm)





# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRE 500 D1 AC

### ACCESSORIES

- Mounting clamp, MK 500, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 500
- Backdraught shutters, RSK 500
- Louvre shutters, VK 50
- Transformer VRDE 13, VRTE 13
- Electronic speed controller, VRS 4

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.

- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- This product is not approved for use in the EU, EFTA or EEA countries.

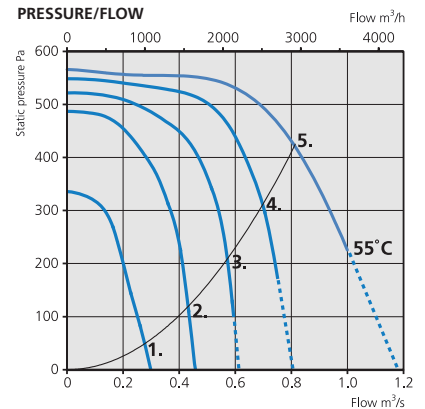
### TECHNICAL DATA

IRE 500 D1 AC	Art.no. 7900118
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	8.00 A
Power	1780 W
Speed	1280 rpm
Capacitor	30 µF
Max. temperature of transported air	55 C°
Max. temperature of transported air when speed controlled	55 C°
Sound pressure level at 3 m	52 dB(A)
Weight	69.2 kg
Wiring diagram	4040005

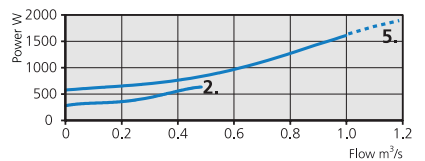
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	52	59	53	48	54	53	52	52	50	43
5. Outlet 230V		86	67	72	75	77	82	81	78	68
5. Inlet 230V		73	64	67	69	62	65	65	61	53

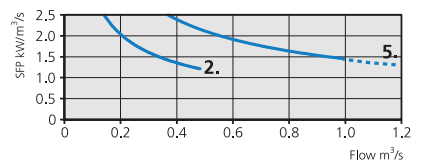
### PRESSURE/FLOW



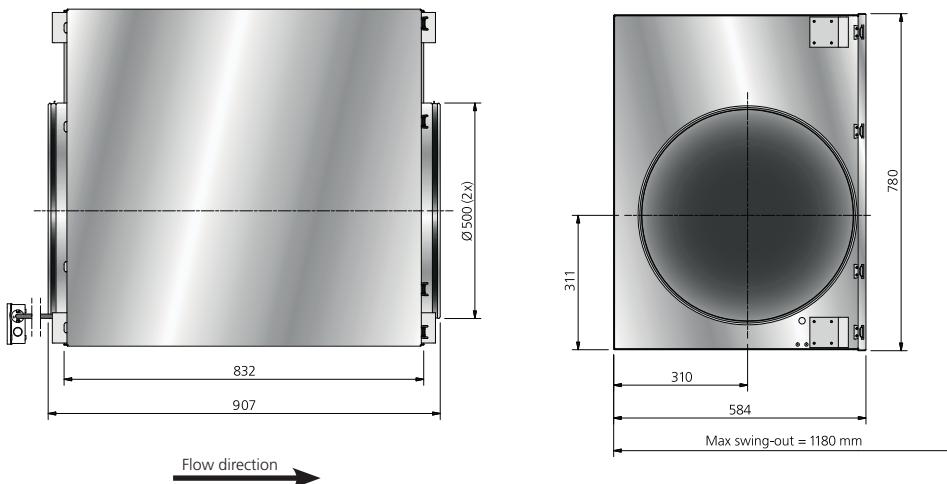
### POWER/FLOW



### SFP



### DIMENSIONS (mm)



### TRANSFORMER STEPS

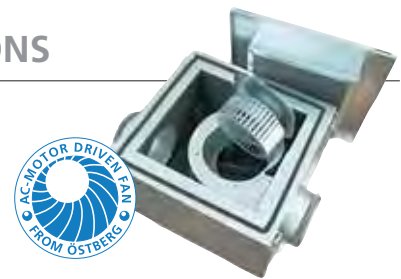
1. 230V

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRE 500 E3 ErP AC

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.

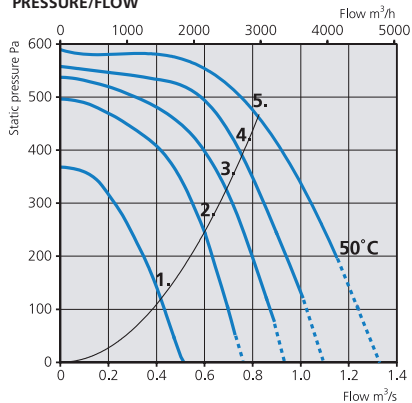
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.



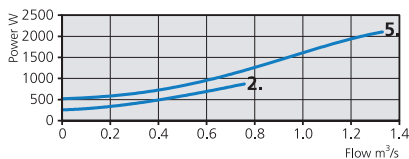
### ACCESSORIES

- Mounting clamp, MK 500, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 500
- Backdraught shutters, RSK 500
- Louvre shutters, VK 50
- Transformer VRDT 4, VRTT 4

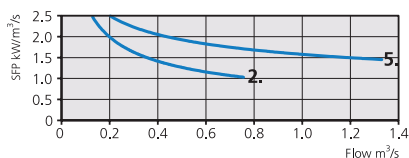
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TRANSFORMER STEPS

1. 95V    2. 145V    3. 185V    4. 240V    5. 400V

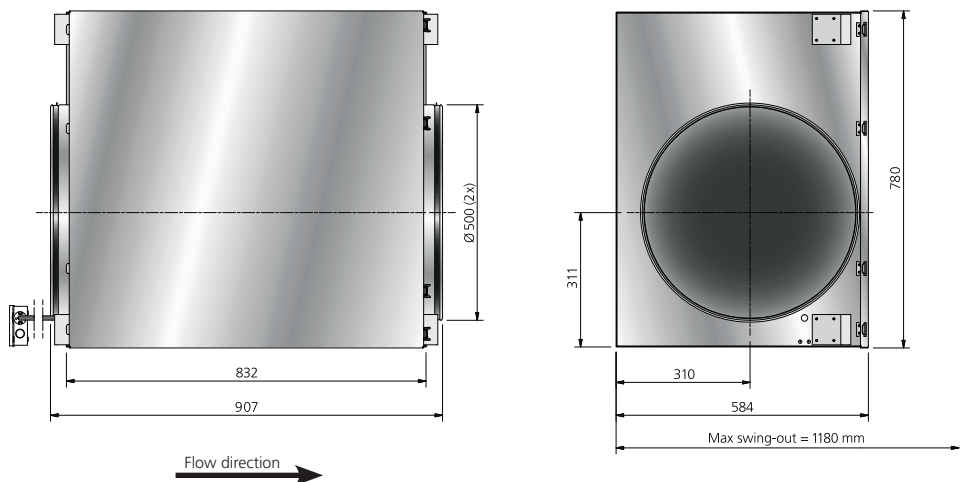
### TECHNICAL DATA

IRE 500 E3 ErP AC	Art.no. 7900044
<b>Voltage</b>	Y 400/Δ 230 / 50 V/Hz
<b>Voltage range</b>	380-415/50 V/Hz
<b>Phase</b>	3 ~
<b>Current</b>	4.00 / 6.90 A
<b>Power</b>	1800 W
<b>Speed</b>	1380 rpm
<b>Capacitor</b>	- μF
<b>Max. temperature of transported air</b>	50 C°
<b>Max. temperature of transported air when speed controlled</b>	50 C°
<b>Sound pressure level at 3 m</b>	52 dB(A)
<b>Weight</b>	68.2 kg
<b>Wiring diagram</b>	Y 4040004 / Δ 4040003

### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
<b>5. Surrounding 400V</b>	52	59	53	47	52	52	53	53	51	45
<b>5. Outlet 400V</b>		87	67	72	75	78	83	81	78	68
<b>5. Inlet 400V</b>		73	64	68	65	64	66	66	63	55

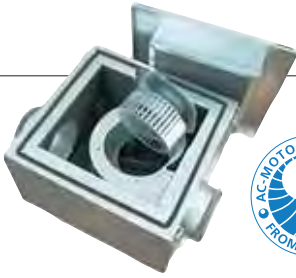
### DIMENSIONS (mm)





# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRE 500 F3 ERP AC



### ACCESSORIES

- Mounting clamp, MK 500, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 500
- Backdraught shutters, RSK 500
- Louvre shutters, VK 50
- Transformer VRDT 7, VRTT 7

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

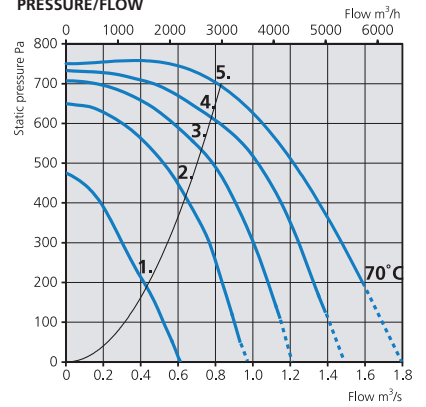
### TECHNICAL DATA

IRE 500 F3 ErP AC	Art.no. 7900046
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	5.80 / 10.00 A
Power	3400 W
Speed	1390 rpm
Capacitor	- μF
Max. temperature of transported air	70 C°
Max. temperature of transported air when speed controlled	70 C°
Sound pressure level at 3 m	55 dB(A)
Weight	81.2 kg
Wiring diagram	Y 4040004 / Δ 4040003

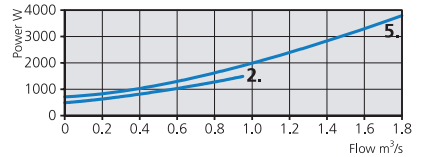
### SOUND DATA

	L <sub>pA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	55	62	55	51	56	54	55	56	55	49
5. Outlet 400V		88	67	73	75	78	85	82	79	69
5. Inlet 400V		77	67	72	68	64	69	71	67	59

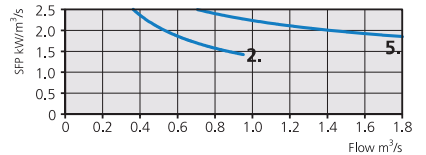
### PRESSURE/FLOW



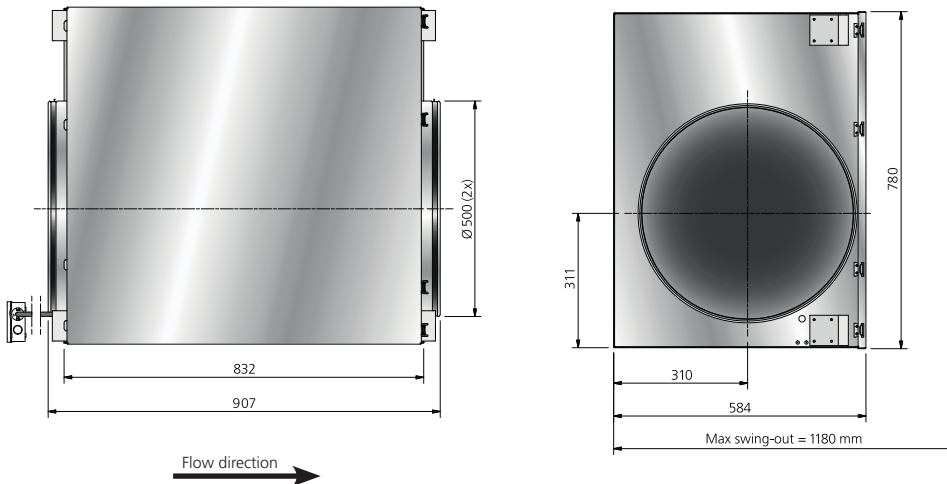
### POWER/FLOW



### SFP



### DIMENSIONS (mm)



### TRANSFORMER STEPS

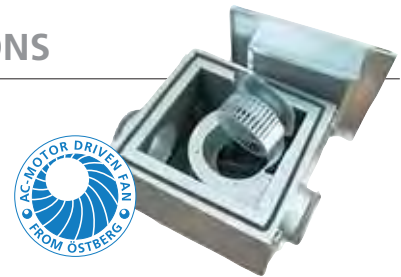
1. 95V 2. 145V 3. 185V 4. 240V 5. 400V

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRE 630 A3 ErP AC

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.

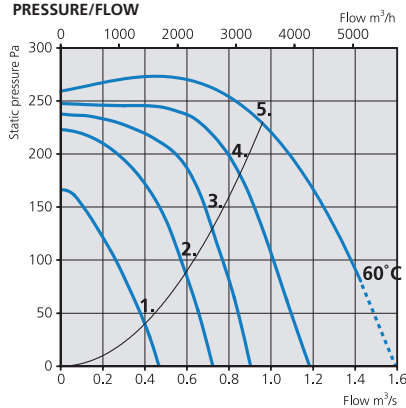
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.



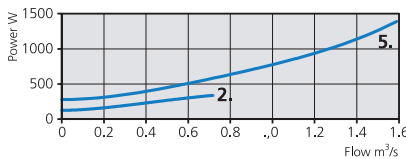
### ACCESSORIES

- Mounting clamp, MK 630, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 630
- Backdraught shutters, RSK 630
- Louvre shutters, VK 63
- Transformer VRDT 4, VRTT 4

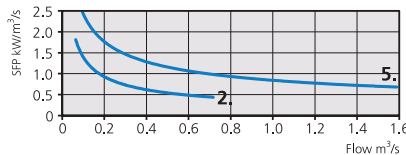
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TRANSFORMER STEPS

1. 95V 2. 145V 3. 185V 4. 240V 5. 400V

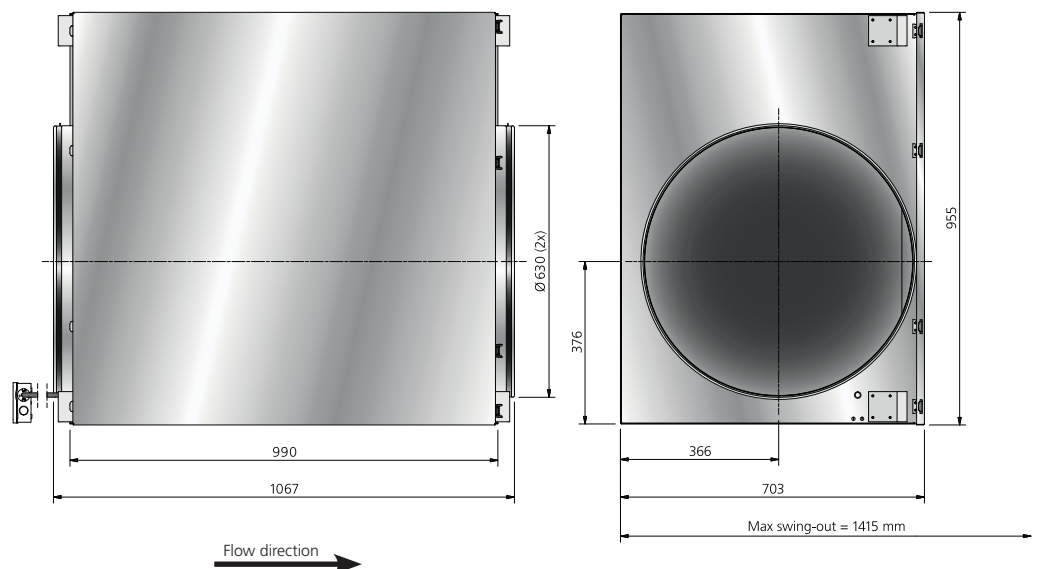
### TECHNICAL DATA

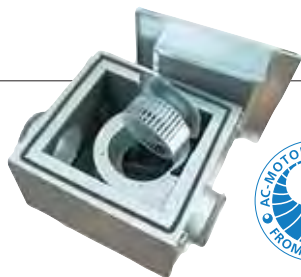
IRE 630 A3 ErP AC	Art.no. 7900058
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	2.80 / 4.80 A
Power	1200 W
Speed	660 rpm
Capacitor	- μF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	45 dB(A)
Weight	99.6 kg
Wiring diagram	Y 4040004 / Δ 4040003

### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	45	52	44	43	47	48	41	43	39	37
5. Outlet 400V		79	66	67	69	73	73	73	69	57
5. Inlet 400V		64	56	58	55	53	57	56	53	41

### DIMENSIONS (mm)





# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRE 630 B3 ErP AC

### ACCESSORIES

- Mounting clamp, MK 630, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 630
- Backdraught shutters, RSK 630
- Louvre shutters, VK 63
- Transformer VRDT 7, VRTT 7

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

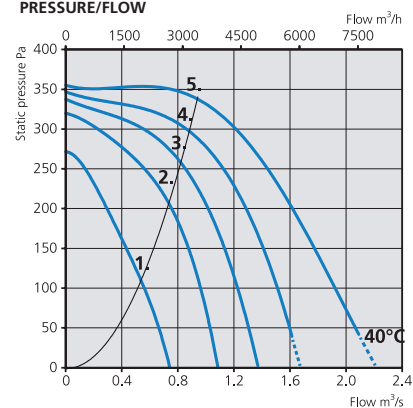
### TECHNICAL DATA

IRE 630 B3 ErP AC	Art.no. 7900060
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	4.80 / 8.30 A
Power	2183 W
Speed	680 rpm
Capacitor	- μF
Max. temperature of transported air	40 C°
Max. temperature of transported air when speed controlled	40 C°
Sound pressure level at 3 m	48 dB(A)
Weight	115.0 kg
Wiring diagram	Y 4040004 / Δ 4040003

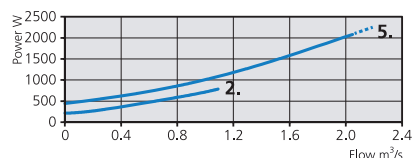
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	48	55	46	44	49	52	46	48	43	38
5. Outlet 400V		79	65	66	68	73	74	74	69	58
5. Inlet 400V		67	59	62	58	56	61	60	57	46

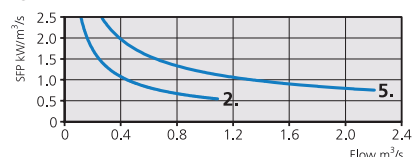
### PRESSURE/FLOW



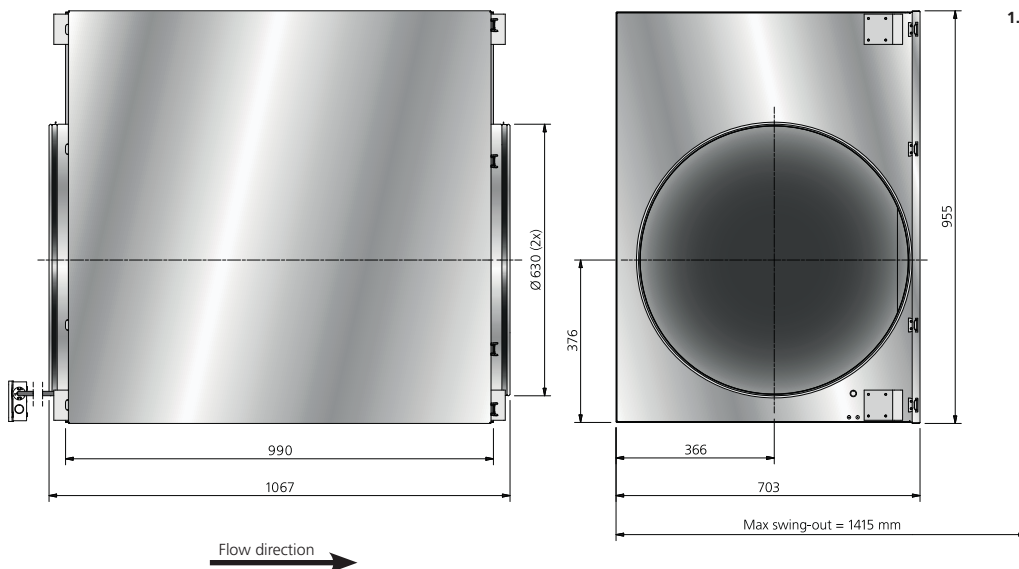
### POWER/FLOW



### SFP



### DIMENSIONS (mm)

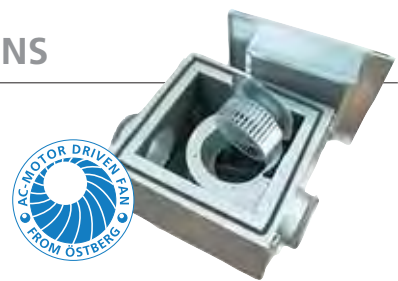


### TRANSFORMER STEPS

1. 95V
2. 145V
3. 185V
4. 240V
5. 400V

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRE 630 C3 ErP AC



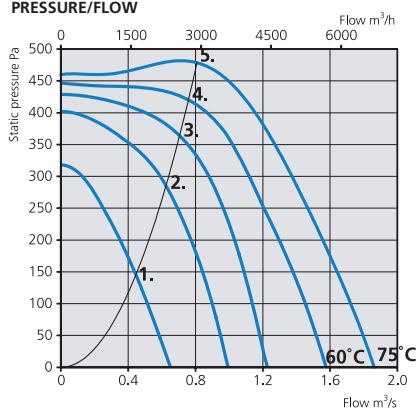
- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

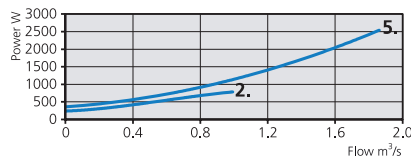
### ACCESSORIES

- Mounting clamp, MK 630, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 630
- Backdraught shutters, RSK 630
- Louvre shutters, VK 63
- Transformer VRDT 7, VRTT 7

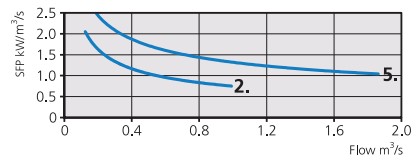
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TRANSFORMER STEPS

1. 95V    2. 145V    3. 185V    4. 240V    5. 400V

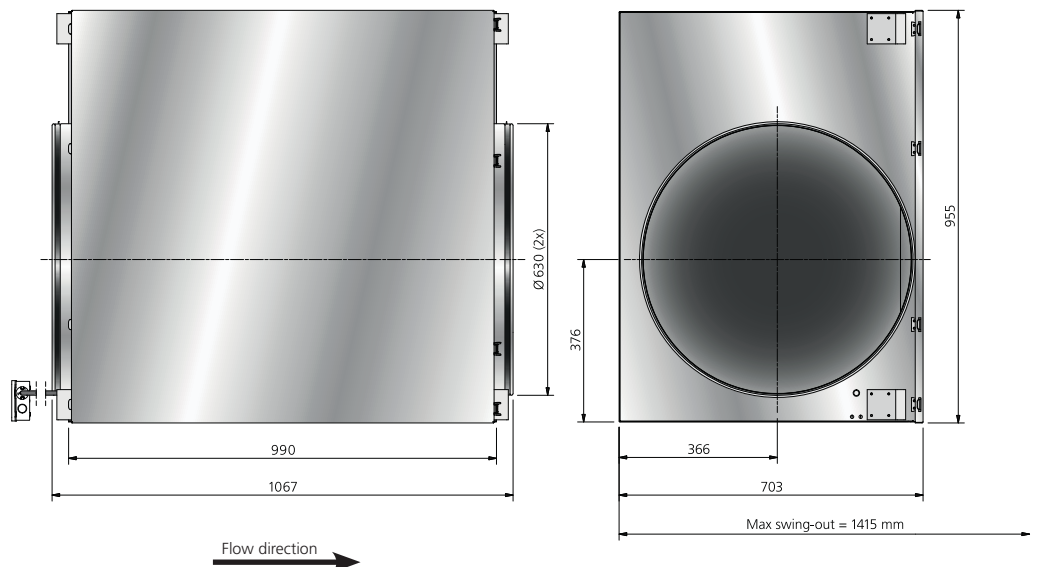
### TECHNICAL DATA

IRE 630 C3 ErP AC	Art.no. 7900062
<b>Voltage</b>	Y 400/Δ 230 / 50 V/Hz
<b>Voltage range</b>	380-415/50 V/Hz
<b>Phase</b>	3 ~
<b>Current</b>	4.70 / 8.14 A
<b>Power</b>	2540 W
<b>Speed</b>	890 rpm
<b>Capacitor</b>	- μF
<b>Max. temperature of transported air</b>	75 C°
<b>Max. temperature of transported air when speed controlled</b>	60 C°
<b>Sound pressure level at 3 m</b>	45 dB(A)
<b>Weight</b>	104.0 kg
<b>Wiring diagram</b>	Y 4040004 / Δ 4040003

### SOUND DATA

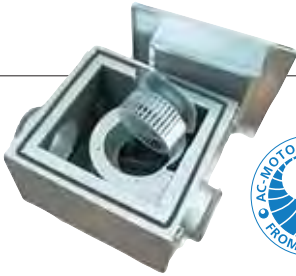
	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
<b>5. Surrounding 400V</b>	45	52	46	45	46	47	43	45	42	39
<b>5. Outlet 400V</b>		79	63	66	67	72	74	74	70	58
<b>5. Inlet 400V</b>		68	60	63	57	56	61	61	57	47

### DIMENSIONS (mm)



# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRE 630 D3 ErP AC



### ACCESSORIES

- Mounting clamp, MK 630, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 630
- Backdraught shutters, RSK 630
- Louvre shutters, VK 63
- Transformer VRDT 7 or 11, VRTT 7 or 11

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

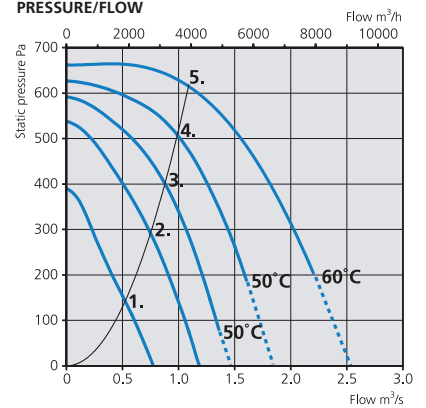
### TECHNICAL DATA

IRE 630 D3 ErP AC	Art.no. 7900064
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	7.00 / 12.00 A
Power	4000 W
Speed	870 rpm
Capacitor	- μF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	50 C°
Sound pressure level at 3 m	51 dB(A)
Weight	115.0 kg
Wiring diagram	Y 4040004 / Δ 4040003

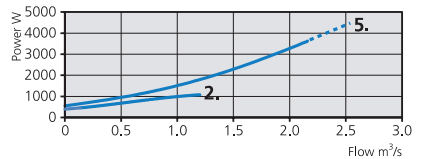
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	51	58	52	48	53	54	49	50	46	43
5. Outlet 400V		83	66	70	70	76	79	79	73	63
5. Inlet 400V		71	64	66	61	59	65	62	60	50

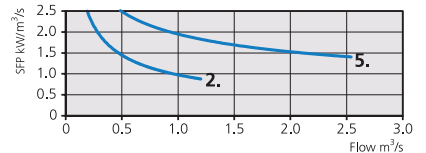
### PRESSURE/FLOW



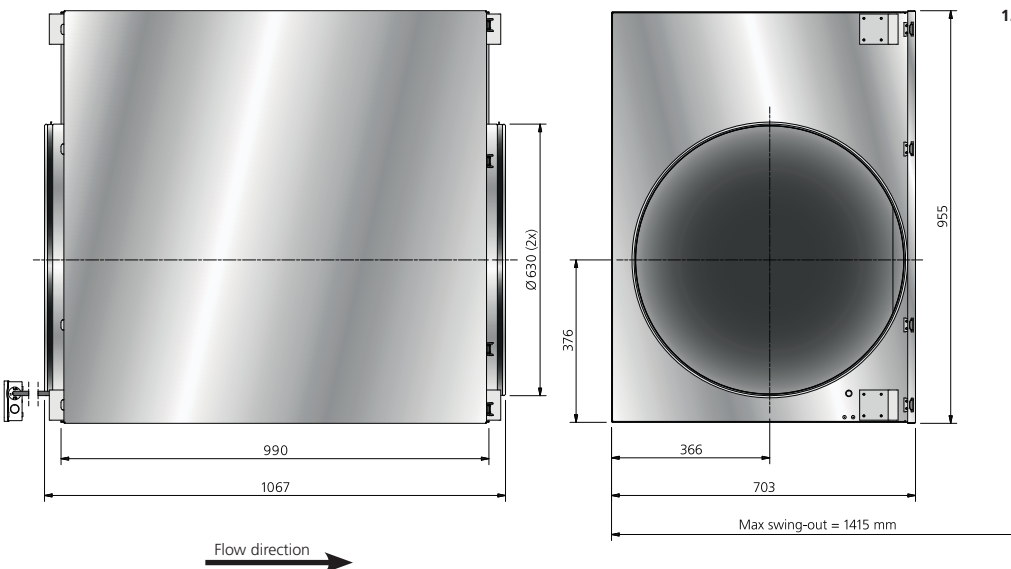
### POWER/FLOW



### SFP



### DIMENSIONS (mm)

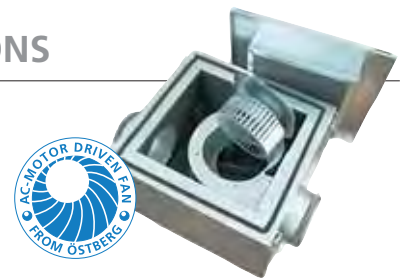


### TRANSFORMER STEPS

1. 95V
2. 145V
3. 185V
4. 240V
5. 400V

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IRE 630 E3 ErP AC



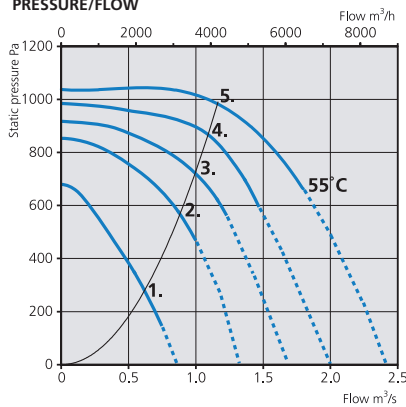
### ACCESSORIES

- Mounting clamp, MK 630, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 630
- Backdraught shutters, RSK 630
- Louvre shutters, VK 63
- Transformer VRDT 11, VRTT 11

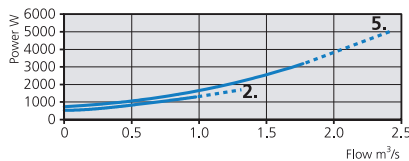
- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

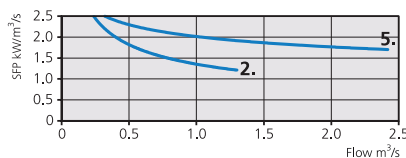
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TRANSFORMER STEPS

1. 95V 2. 145V 3. 185V 4. 240V 5. 400V

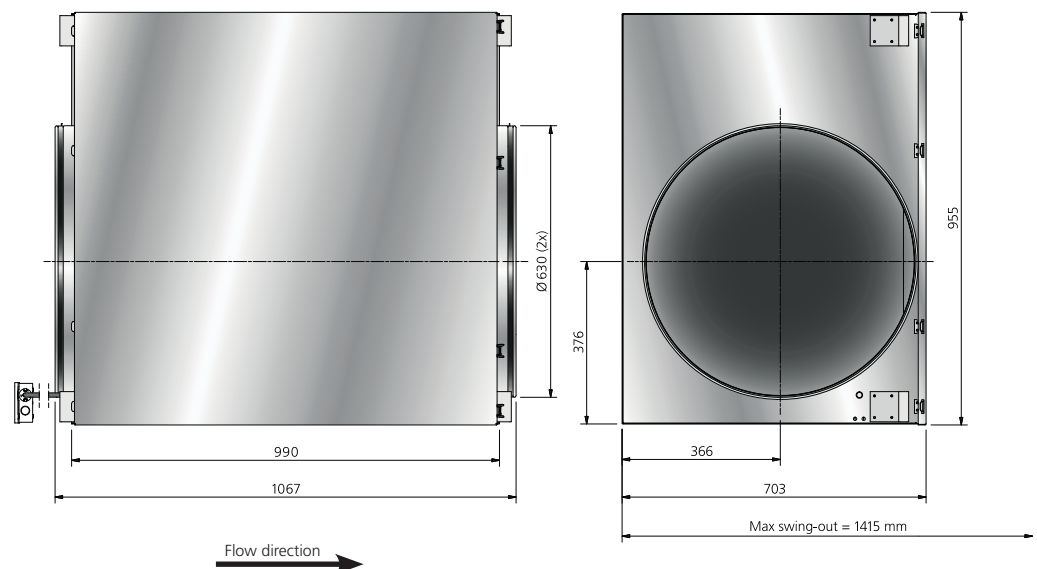
### TECHNICAL DATA

IRE 630 E3 ErP AC	Art.no. 7900066
<b>Voltage</b>	Y 400/Δ 230 / 50 V/Hz
<b>Voltage range</b>	380-415/50 V/Hz
<b>Phase</b>	3 ~
<b>Current</b>	8.90 / 15.40 A
<b>Power</b>	3210 W
<b>Speed</b>	1390 rpm
<b>Capacitor</b>	- μF
<b>Max. temperature of transported air</b>	55 C°
<b>Max. temperature of transported air when speed controlled</b>	55 C°
<b>Sound pressure level at 3 m</b>	56 dB(A)
<b>Weight</b>	113.0 kg
<b>Wiring diagram</b>	Y 4040004 / Δ 4040003

### SOUND DATA

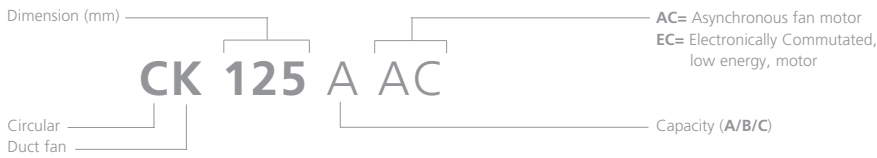
	L <sub>pA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
<b>5. Surrounding 400V</b>	56	63	57	54	57	56	56	58	53	48
<b>5. Outlet 400V</b>		92	73	77	78	82	88	87	82	72
<b>5. Inlet 400V</b>		78	67	72	67	63	73	73	68	60

### DIMENSIONS (mm)



# DUCT FANS WITH CIRCULAR CONNECTIONS

## UNINSULATED



**CK** ..... 8  
The CK has proven performance and reliability. It is compact with high capacity and efficiency with low sound levels.  
CK is available with AC or EC motor.  
Airflows up to 1.800 m<sup>3</sup>/h (0.52 m<sup>3</sup>/s).



**LPKB** ..... 36  
The LPKB is a low profile duct fan with circular connection. A very small and useful duct fan which is perfect for spaces with minimum height clearance. Available with one or two connections at the inlet side. It has high capacity and efficiency with low sound levels.  
LPKB is available with AC or EC motor.  
Airflows up to 1.000 m<sup>3</sup>/h (0.28 m<sup>3</sup>/s).

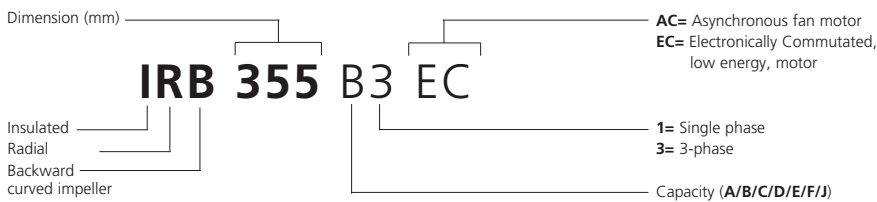


**RKC** ..... 48  
The RKC is a converted RK by using a RK-Kit. Designed to cope with high pressure and long ducts.  
RKC is available with AC motor.  
Airflows up to 9.100 m<sup>3</sup>/h (2.50 m<sup>3</sup>/s).

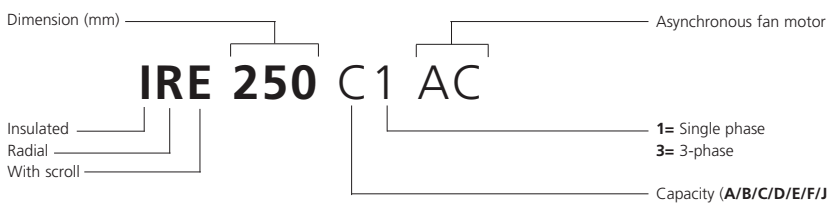
## SOUND ATTENUATED

**LPKB Silent** ..... 68  
LPKB Silent is almost the same and has the same benefits as the LPKB. But LPKB Silent is equipped with a built in silencer on the inlet side for an even lower sound level.  
LPKB Silent is available with AC or EC motor.  
Airflows up to 1.000 m<sup>3</sup>/h (0.28 m<sup>3</sup>/s).

## INSULATED



**IRB** ..... 80  
The IRB, equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air. Designed for high pressure and long, complicated duct runs.  
IRB is available with AC or EC motor.  
Airflows up to 10.800 m<sup>3</sup>/h (3.00 m<sup>3</sup>/s).

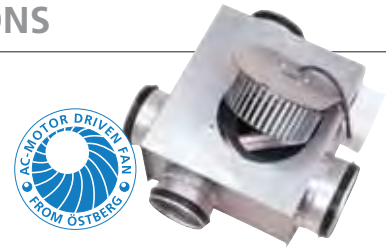


**IRE** ..... 116  
The IRE, equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air. Designed for high pressure and long, complicated duct runs.  
IRE is available with AC motor.  
Airflows up to 8.200 m<sup>3</sup>/h (2.28 m<sup>3</sup>/s).

**CAU** ..... 140  
**IFA** ..... 144  
**IFK** ..... 148  
These three types have multiple inlets.  
All three types are available with AC motor.

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## CAU 125+3x100 A AC



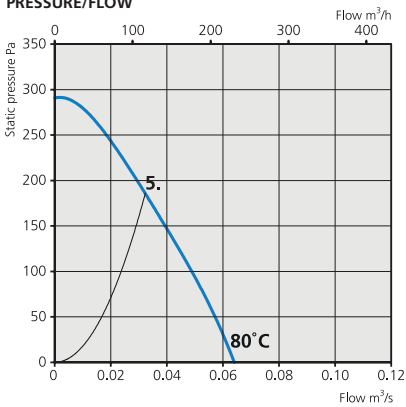
- Insulated duct fan with circular connections.
- Equipped with insulation on bottom and inlet side.
- Features 3 inlets and 1 outlet which makes it a highly flexible duct fan suitable for many applications.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.

- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify the maintenance and cleaning.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- Suitable for applications where there are no requirements for condensation separation.

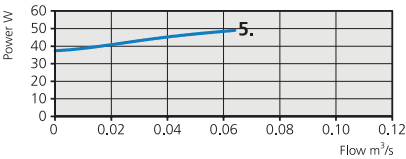
### ACCESSORIES

- Mounting clamp, MK 125/100, simplifies the connection to duct and absorbs vibrations
- Safety grill, BSV/BSR 125/100
- Backdraught shutters, RSK 125/100
- Louvre shutters, VK 10
- Silencer, LDC 125/100
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

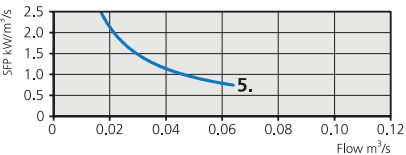
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TRANSFORMER STEPS

1. 80V    2. 110V    3. 135V    4. 165V    5. 230V

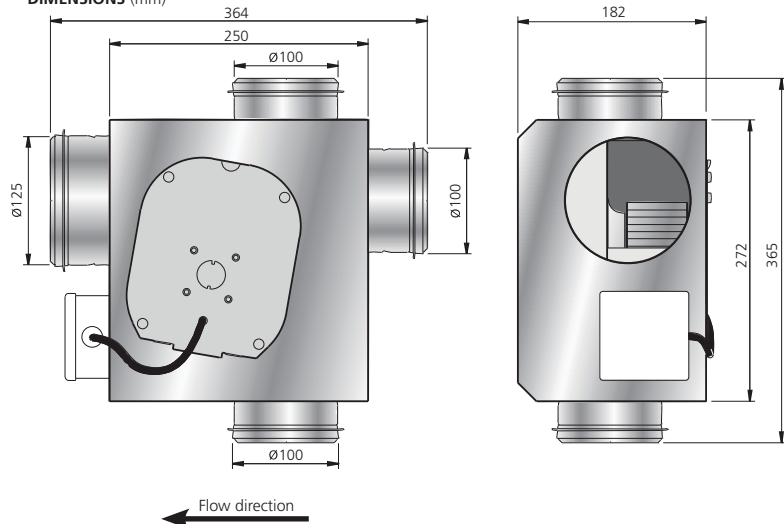
### TECHNICAL DATA

CAU 125+3x100 A AC	Art.no. 7540015
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	0.21 A
Power	48 W
Speed	1050 rpm
Capacitor	4 µF
Max. temperature of transported air	80 C°
Max. temperature of transported air when speed controlled	80 C°
Sound pressure level at 3 m	39 dB(A)
Weight	4.7 kg
Wiring diagram	4040002

### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	39	46	32	34	37	36	43	36	32	30
5. Outlet 230V		64	48	56	57	57	59	55	48	40
5. Inlet 230V		55	44	45	50	50	40	37	33	21

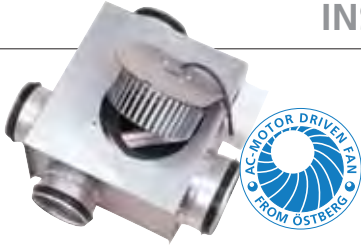
### DIMENSIONS (mm)





# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## CAU 125+3x100 B AC



### ACCESSORIES

- Mounting clamp, MK 125/100, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 125/100
- Backdraught shutters, RSK 125/100
- Louvre shutters, VK 10
- Silencer, LDC 125/100
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

- Insulated duct fan with circular connections.
- Equipped with insulation on bottom and inlet side.
- Features 3 inlets and 1 outlet which makes it a highly flexible duct fan suitable for many applications.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.

- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- Swing-out design to simplify the maintenance and cleaning.
- The fan is intended to be installed in a duct system.
- Suitable for applications where there are no requirements for condensation separation.

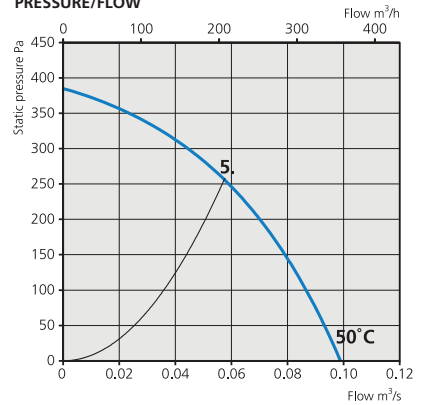
### TECHNICAL DATA

CAU 125+3x100 B AC	Art.no. 7540016
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	0.45 A
Power	104 W
Speed	1500 rpm
Capacitor	2 µF
Max. temperature of transported air	50 C°
Max. temperature of transported air when speed controlled	50 C°
Sound pressure level at 3 m	43 dB(A)
Weight	4.7 kg
Wiring diagram	4040001

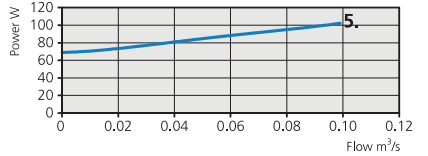
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	43	50	34	37	41	41	45	41	39	34
5. Outlet 230V		68	49	58	60	61	63	62	54	47
5. Inlet 230V		58	45	47	54	53	44	42	39	29

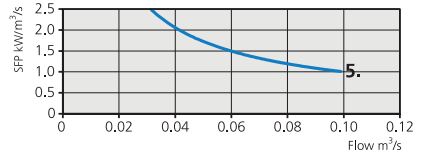
### PRESSURE/FLOW



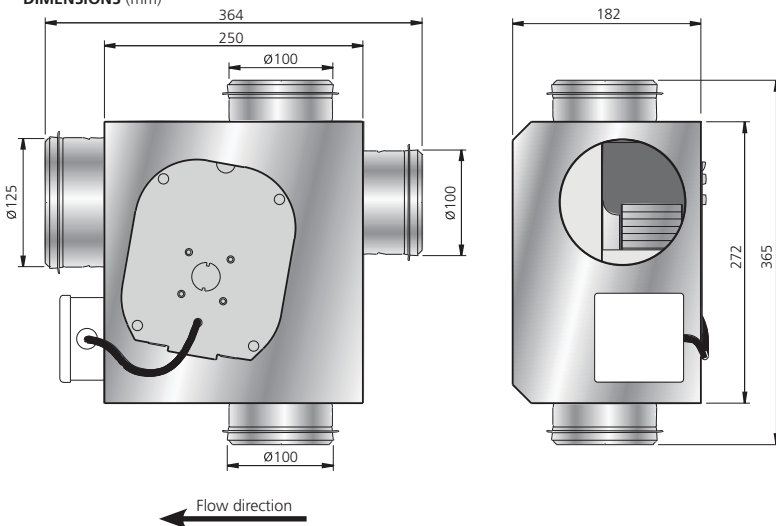
### POWER/FLOW



### SFP



### DIMENSIONS (mm)

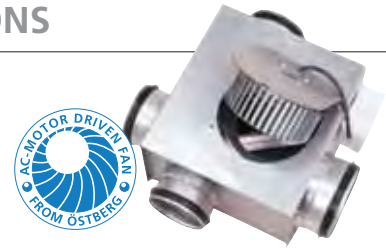


### TRANSFORMER STEPS

1. 80V
2. 110V
3. 135V
4. 165V
5. 230V

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## CAU 125+3x100 C AC



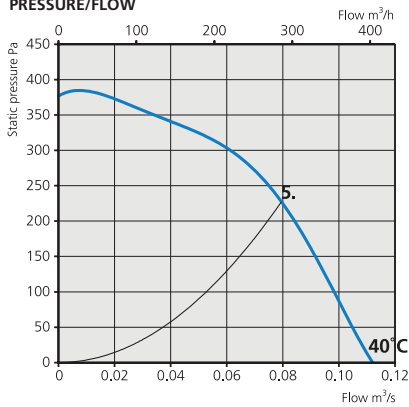
- Insulated duct fan with circular connections.
- Equipped with insulation on bottom and inlet side.
- Features 3 inlets and 1 outlet which makes it a highly flexible duct fan suitable for many applications.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.

- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- Swing-out design to simplify the maintenance and cleaning.
- The fan is intended to be installed in a duct system.
- Suitable for applications where there are no requirements for condensation separation.

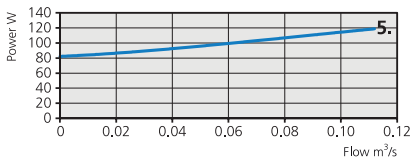
### ACCESSORIES

- Mounting clamp, MK 125/100, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 125/100
- Backdraught shutters, RSK 125/100
- Louvre shutters, VK 10
- Silencer, LDC 125/100
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

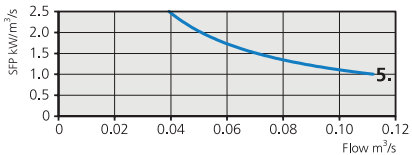
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TRANSFORMER STEPS

1. 80V   2. 110V   3. 135V   4. 165V   5. 230V

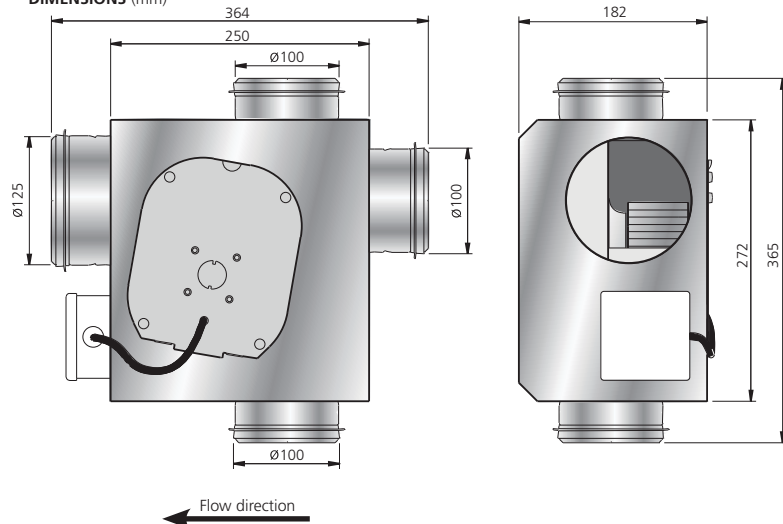
### TECHNICAL DATA

CAU 125+3x100 C AC	Art.no. 7540017
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	0.53 A
Power	120 W
Speed	1750 rpm
Capacitor	4 µF
Max. temperature of transported air	40 C°
Max. temperature of transported air when speed controlled	40 C°
Sound pressure level at 3 m	41 dB(A)
Weight	5.0 kg
Wiring diagram	4040001

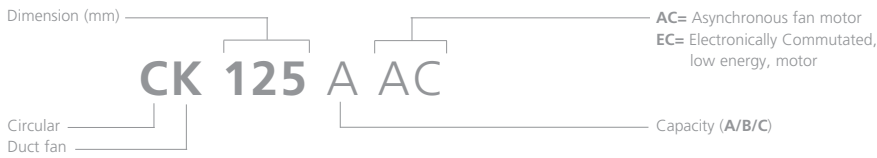
### SOUND DATA

	L <sub>pA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	41	48	34	36	41	40	42	40	37	32
5. Outlet 230V		72	55	62	64	64	66	65	57	51
5. Inlet 230V		60	47	48	56	55	45	42	38	32

### DIMENSIONS (mm)



## UNINSULATED



**CK** ..... 8  
The CK has proven performance and reliability. It is compact with high capacity and efficiency with low sound levels.  
CK is available with AC or EC motor.  
Airflows up to 1.800 m<sup>3</sup>/h (0.52 m<sup>3</sup>/s).



**LPKB** ..... 36  
The LPKB is a low profile duct fan with circular connection. A very small and useful duct fan which is perfect for spaces with minimum height clearance. Available with one or two connections at the inlet side. It has high capacity and efficiency with low sound levels.  
LPKB is available with AC or EC motor.  
Airflows up to 1.000 m<sup>3</sup>/h (0.28 m<sup>3</sup>/s).

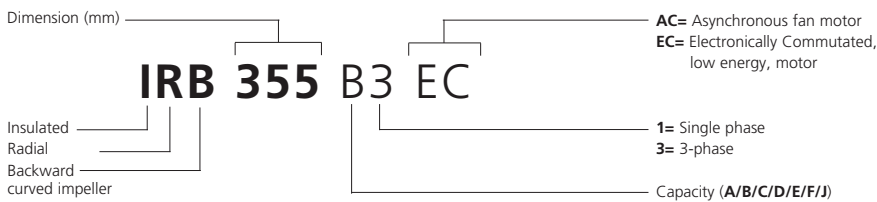


**RKC** ..... 48  
The RKC is a converted RK by using a RK-Kit. Designed to cope with high pressure and long ducts.  
RKC is available with AC motor.  
Airflows up to 9.100 m<sup>3</sup>/h (2.50 m<sup>3</sup>/s).

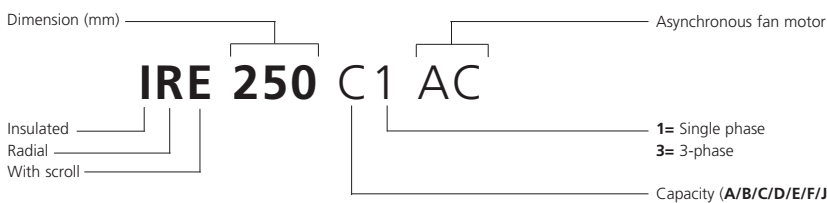
## SOUND ATTENUATED

**LPKB Silent** ..... 68  
LPKB Silent is almost the same and has the same benefits as the LPKB. But LPKB Silent is equipped with a built in silencer on the inlet side for an even lower sound level.  
LPKB Silent is available with AC or EC motor.  
Airflows up to 1.000 m<sup>3</sup>/h (0.28 m<sup>3</sup>/s).

## INSULATED



**IRB** ..... 80  
The IRB, equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air. Designed for high pressure and long, complicated duct runs.  
IRB is available with AC or EC motor.  
Airflows up to 10.800 m<sup>3</sup>/h (3.00 m<sup>3</sup>/s).



**IRE** ..... 116  
The IRE, equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air. Designed for high pressure and long, complicated duct runs.  
IRE is available with AC motor.  
Airflows up to 8.200 m<sup>3</sup>/h (2.28 m<sup>3</sup>/s).

**CAU** ..... 140  
**IFA** ..... 144  
**IFK** ..... 148  
These three types have multiple inlets.  
All three types are available with AC motor.

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IFA 140 B AC

- Insulated duct fan with circular connections suitable for installation in a cupboard or attic.
- Equipped with 30 mm insulation.
- It features 3 inlets and 1 outlet allowing multi function applications.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.

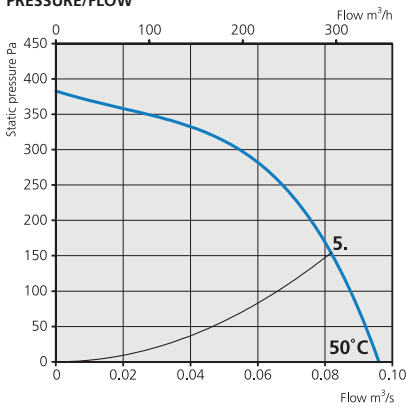
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- Swing-out design to simplify the maintenance and cleaning.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.



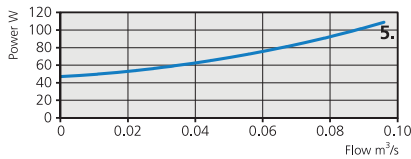
### ACCESSORIES

- Mounting clamp, MK 140, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 140
- Backdraught shutters, RSK 140
- Louvre shutters, VK 14
- Silencer, LDC 140
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

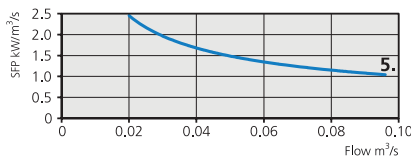
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TRANSFORMER STEPS

1. 80V    2. 110V    3. 135V    4. 165V    5. 230V

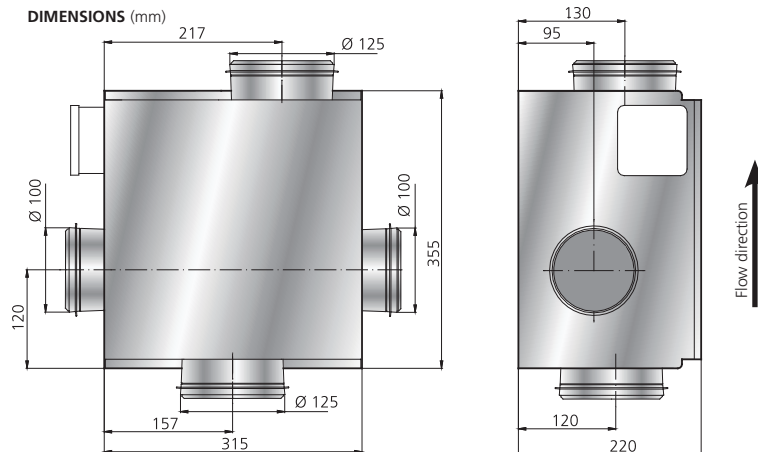
### TECHNICAL DATA

IFA 140 B AC	Art.no. 7810001
<b>Voltage</b>	230/50 V/Hz
<b>Voltage range</b>	220-240/50 V/Hz
<b>Phase</b>	1 ~
<b>Current</b>	0.48 A
<b>Power</b>	106 W
<b>Speed</b>	1650 rpm
<b>Capacitor</b>	2 µF
<b>Max. temperature of transported air</b>	50 C°
<b>Max. temperature of transported air when speed controlled</b>	50 C°
<b>Sound pressure level at 3 m</b>	30 dB(A)
<b>Weight</b>	8.7 kg
<b>Wiring diagram</b>	4040001

### SOUND DATA

	L <sub>pA</sub>	L <sub>wA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
<b>5. Surrounding 230V</b>	30	37	16	25	30	33	32	23	21	12
<b>5. Outlet 230V</b>		67	39	48	56	58	64	60	55	48
<b>5. Inlet 230V</b>		52	35	41	48	47	42	41	38	31

### DIMENSIONS (mm)





# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IFA 140 C AC

### ACCESSORIES

- Mounting clamp, MK 140, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 140
- Backdraught shutters, RSK 140
- Louvre shutters, VK 14
- Silencer, LDC 140
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

- Insulated duct fan with circular connections suitable for installation in a cupboard or attic.
- Equipped with 30 mm insulation.
- It features 3 inlets and 1 outlet allowing multi function applications.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.

- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- Swing-out design to simplify the maintenance and cleaning.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

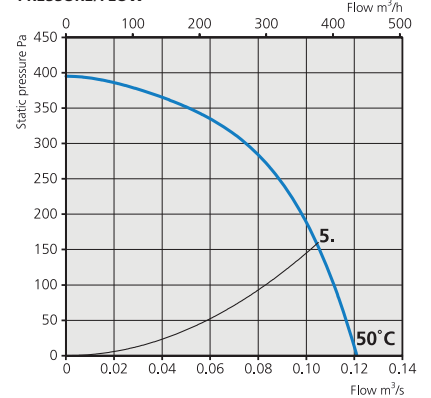
### TECHNICAL DATA

IFA 140 C AC	Art.no. 7810002
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	0.55 A
Power	124 W
Speed	1850 rpm
Capacitor	4 µF
Max. temperature of transported air	50 C°
Max. temperature of transported air when speed controlled	50 C°
Sound pressure level at 3 m	34 dB(A)
Weight	8.7 kg
Wiring diagram	4040001

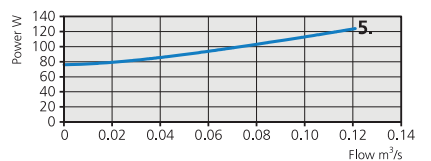
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	34	41	19	31	36	37	34	27	25	16
5. Outlet 230V		70	41	52	60	62	66	64	58	50
5. Inlet 230V		56	37	45	52	52	46	44	41	34

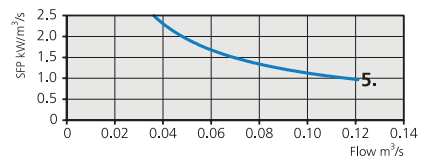
### PRESSURE/FLOW



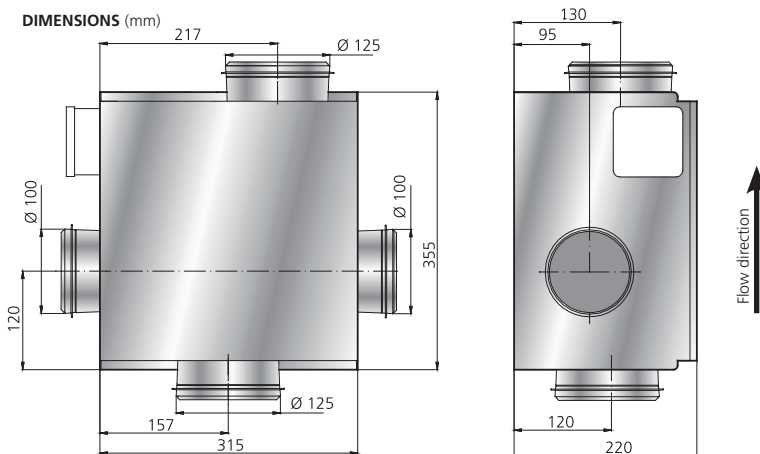
### POWER/FLOW



### SFP



### DIMENSIONS (mm)

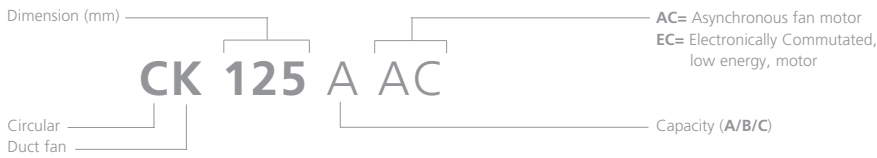


### TRANSFORMER STEPS

1. 80V    2. 110V    3. 135V    4. 165V    5. 230V



## UNINSULATED



**CK** ..... 8  
The CK has proven performance and reliability. It is compact with high capacity and efficiency with low sound levels.  
CK is available with AC or EC motor.  
Airflows up to 1.800 m<sup>3</sup>/h (0.52 m<sup>3</sup>/s).



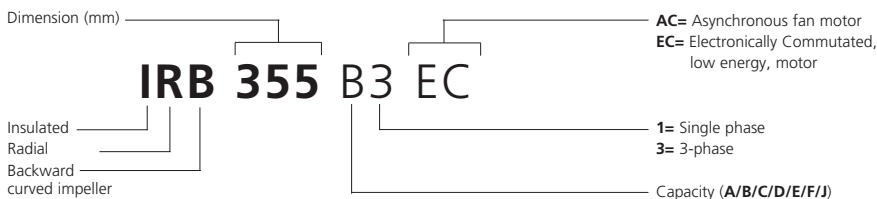
**LPKB** ..... 36  
The LPKB is a low profile duct fan with circular connection. A very small and useful duct fan which is perfect for spaces with minimum height clearance. Available with one or two connections at the inlet side. It has high capacity and efficiency with low sound levels.  
LPKB is available with AC or EC motor.  
Airflows up to 1.000 m<sup>3</sup>/h (0.28 m<sup>3</sup>/s).



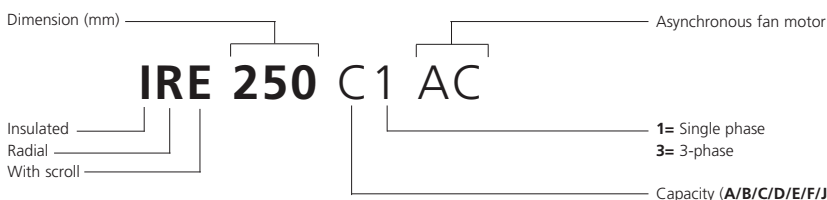
**RKC** ..... 48  
The RKC is a converted RK by using a RK-Kit. Designed to cope with high pressure and long ducts.  
RKC is available with AC motor.  
Airflows up to 9.100 m<sup>3</sup>/h (2.50 m<sup>3</sup>/s).

## SOUND ATTENUATED

**LPKB Silent** ..... 68  
LPKB Silent is almost the same and has the same benefits as the LPKB. But LPKB Silent is equipped with a built in silencer on the inlet side for an even lower sound level.  
LPKB Silent is available with AC or EC motor.  
Airflows up to 1.000 m<sup>3</sup>/h (0.28 m<sup>3</sup>/s).



**IRB** ..... 80  
The IRB, equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air. Designed for high pressure and long, complicated duct runs.  
IRB is available with AC or EC motor.  
Airflows up to 10.800 m<sup>3</sup>/h (3.00 m<sup>3</sup>/s).



**IRE** ..... 116  
The IRE, equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air. Designed for high pressure and long, complicated duct runs.  
IRE is available with AC motor.  
Airflows up to 8.200 m<sup>3</sup>/h (2.28 m<sup>3</sup>/s).

**CAU** ..... 140  
**IFA** ..... 144  
**IFK** ..... 148  
These three types have multiple inlets.  
All three types are available with AC motor.

# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IFK 140 B AC



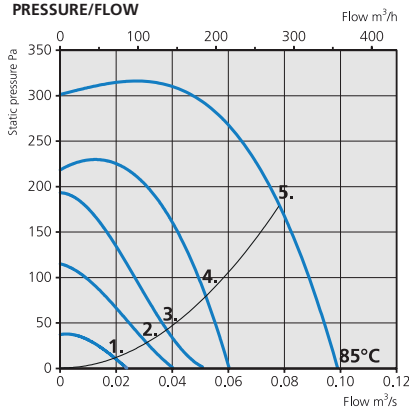
- Insulated duct fan with circular connections.
- Designed as a cooker exhaust fan and can be connected to a cooker hood.
- Equipped with 30 mm fire retardant insulation.
- Handles high pressures yet offer low sound levels.
- It features 2 inlets and 1 outlet.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- Swing-out design to simplify the maintenance and cleaning.
- The fan is intended to be installed in a duct system.

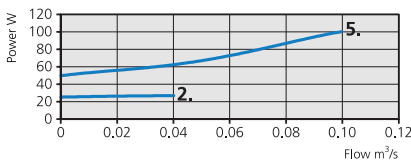
### ACCESSORIES

- Mounting clamp, MK 140, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 140
- Backdraught shutters, RSK 140
- Louvre shutters, VK 14
- Silencer, LDC 140
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

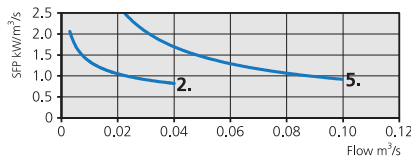
### PRESSURE/FLOW



### POWER/FLOW

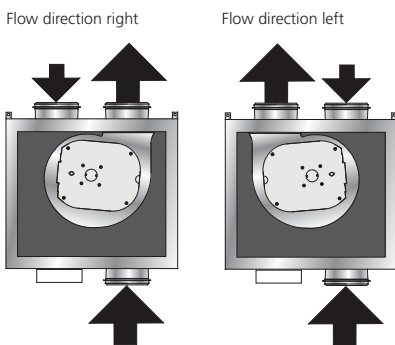


### SFP



### TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V



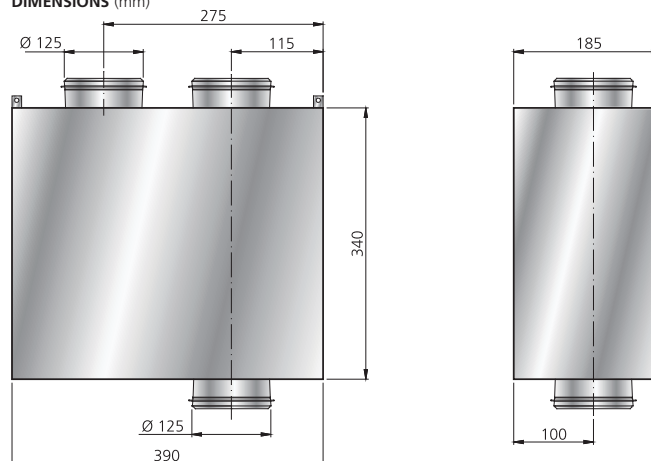
### TECHNICAL DATA

IFK 140 B AC	Art.no. 7800002 right / 7800004 left
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	0.44 A
Power	100 W
Speed	1820 rpm
Capacitor	2 µF
Max. temperature of transported air	85 C°
Max. temperature of transported air when speed controlled	85 C°
Sound pressure level at 3 m	40 dB(A)
Weight	8.9 kg
Wiring diagram	4040015

### SOUND DATA

	L <sub>pA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	40	47	36	44	41	37	34	28	29	29
5. Outlet 230V		73	61	62	65	65	66	66	64	61
5. Inlet 230V		59	49	56	54	47	42	38	38	37
4. Inlet 165V		50	41	47	44	38	35	26	25	21
3. Inlet 135V		44	35	40	38	36	28	17	16	11
2. Inlet 110V		41	30	35	39	29	21	11	11	9
1. Inlet 80V		34	23	28	31	18	9	7	8	6

### DIMENSIONS (mm)





# INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

## IFK 140 C AC



### ACCESSORIES

- Mounting clamp, MK 140, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 140
- Backdraught shutters, RSK 140
- Louvre shutters, VK 14
- Silencer, LDC 140
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

- Insulated duct fan with circular connections.
- Designed as a cooker exhaust fan and can be connected to a cooker hood.
- Equipped with 30 mm fire retardant insulation.
- Handles high pressures yet offer low sound levels.
- It features 2 inlets and 1 outlet.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- Swing-out design to simplify the maintenance and cleaning.
- The fan is intended to be installed in a duct system.

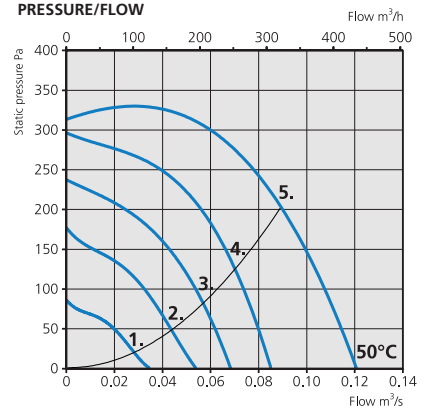
### TECHNICAL DATA

IFK 140 C AC	Art.no. 7800006 right / 7800008 left
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	0.54 A
Power	121 W
Speed	2220 rpm
Capacitor	4 µF
Max. temperature of transported air	50 C°
Max. temperature of transported air when speed controlled	50 C°
Sound pressure level at 3 m	43 dB(A)
Weight	8.9 kg
Wiring diagram	4040015

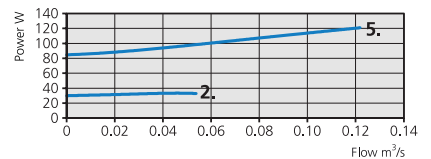
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	43	50	38	48	44	40	35	30	30	29
5. Outlet 230V		76	63	65	68	68	68	69	67	65
5. Inlet 230V		62	50	59	56	49	44	40	40	40
4. Inlet 165V		56	46	54	50	44	40	34	34	32
3. Inlet 135V		51	42	48	44	39	36	28	27	23
2. Inlet 110V		45	37	42	38	34	31	20	19	14
1. Inlet 80V		37	29	33	32	27	19	12	13	9

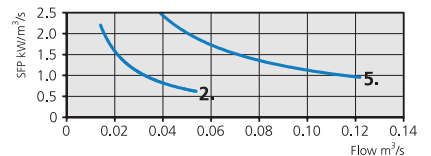
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

### DIMENSIONS (mm)

