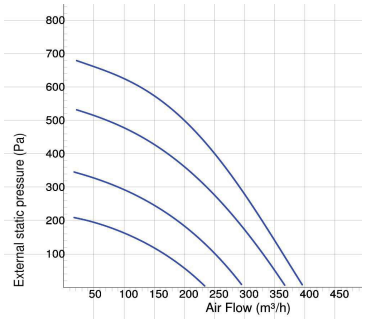
LPKB Silent 100 C1 EC

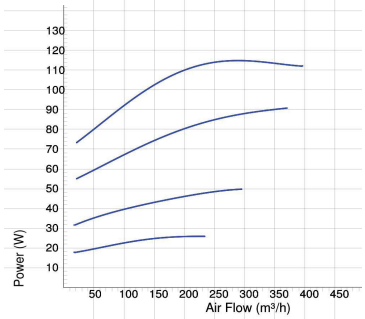
LPKB Silent EC

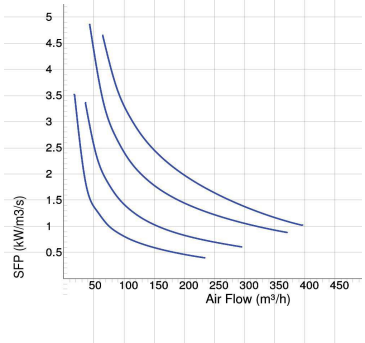
- Low profile duct fan with circular connections.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Equipped with a built in silencer on the inlet side for an even lower sound level.
- High capacity and efficiency.
- Impeller with backward curved blades.
- The 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 motor protection.
- 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.
- A duct connected fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

Accessories

- Speed controller MS EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- MK 100
- BSV 100
- RSK 100
- YG 100
- VK 100
- FLK 100
- FLF 100
- LDC 100







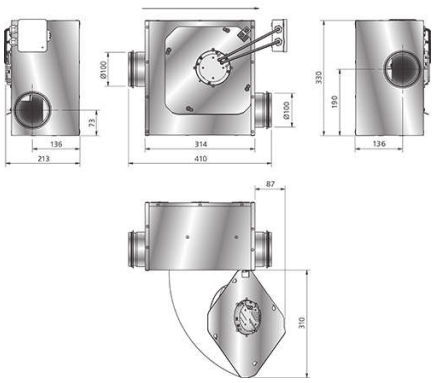
Voltage steps

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

TECHNICAL DATA	7540607 LPKB Silent 100 C1 EC
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	115 W
Current	0.91 A
Speed	3710 r.p.m.
Max. temperature of transported air	50 °C
Sound pressure level at 3 m	48 dB(A)
Weight	6.2 kg
Enclosure class	44 IP
Insulation class, motor	F
Duct connection	100 mm
Max. flow	400 m³/h
Max. pressure	692 Pa
Voltage range	200-240 V

SOUND DATA	Flow (m³/h)	L_{wA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
4. Surrounding Lw dB(A) 10V	317	63	38	51	54	61	56	53	47	39
4. Outlet Lw dB(A) 10V	317	82	66	70	70	77	76	76	71	62
4. Inlet Lw dB(A) 10V	317	70	57	66	65	59	54	53	53	43
3. Inlet Lw dB(A) 8.5V	295	68	56	64	63	59	52	50	50	39
2. Inlet Lw dB(A) 7V	245	65	57	60	61	52	46	44	44	32
1. Inlet Lw dB(A) 5.5V	191	59	47	54	57	46	39	37	36	22

DIMENSIONS



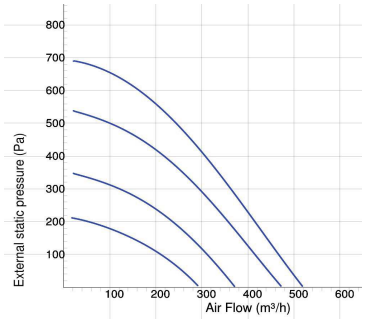
LPKB Silent 125 C1 EC

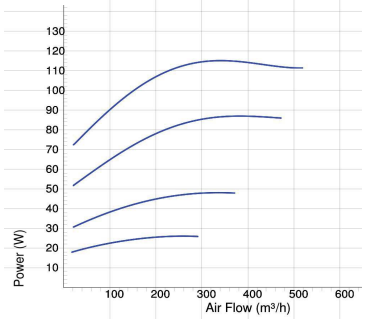
LPKB Silent EC

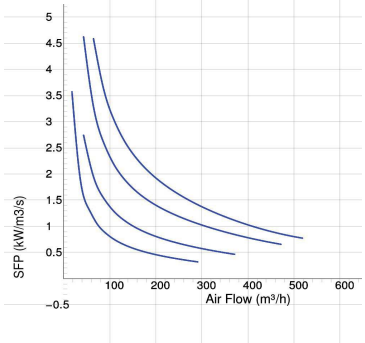
- Low profile duct fan with circular connections.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Equipped with a built in silencer on the inlet side for an even lower sound level.
- High capacity and efficiency.
- Impeller with backward curved blades.
- The 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 motor protection.
- 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.
- A duct connected fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

Accessories

- Speed controller MS EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- MK 125
- BSV 125
- RSK 125
- YG 125
- VK 125
- FLK 125
- FLF 125
- LDC 125







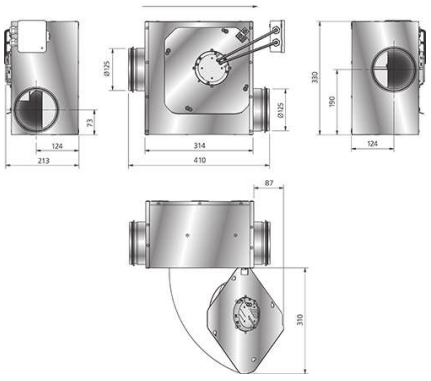
Voltage steps

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

TECHNICAL DATA	7540624 LPKB Silent 125 C1 EC
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	116 W
Current	0.93 A
Speed	3670 r.p.m.
Max. temperature of transported air	50 °C
Sound pressure level at 3 m	55 dB(A)
Weight	6.2 kg
Enclosure class	44 IP
Insulation class, motor	F
Duct connection	125 mm
Max. flow	518 m³/h
Max. pressure	697 Pa
Voltage range	200-240 V

SOUND DATA	Flow (m³/h)	L_{wA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
4. Surrounding Lw dB(A) 10V	385	62	39	48	51	60	54	52	46	39
4. Outlet Lw dB(A) 10V	385	81	66	68	71	77	75	73	71	61
4. Inlet Lw dB(A) 10V	385	70	57	65	65	62	55	55	55	45
3. Inlet Lw dB(A) 8.5V	346	68	60	63	63	62	52	52	52	42
2. Inlet Lw dB(A) 7V	284	65	59	59	59	54	47	47	46	35
1. Inlet Lw dB(A) 5.5V	223	61	47	57	58	48	40	40	37	26

DIMENSIONS



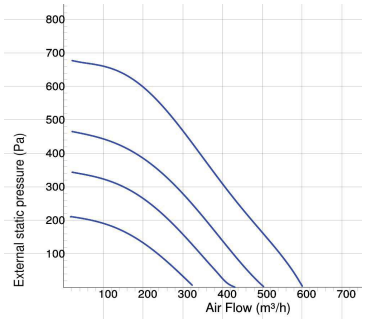
LPKB Silent 160 B1 EC

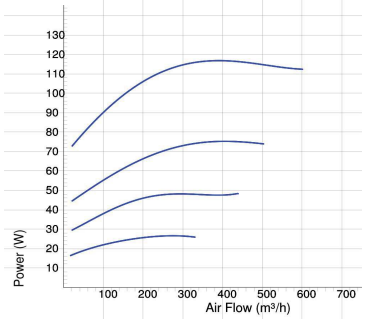
LPKB Silent EC

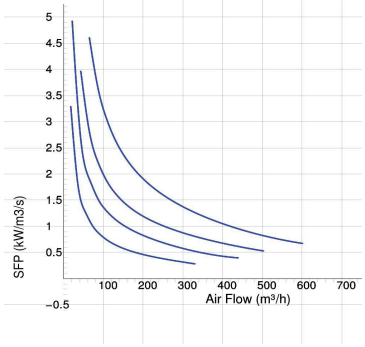
- Low profile duct fan with circular connections.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Equipped with a built in silencer on the inlet side for an even lower sound level.
- High capacity and efficiency.
- Impeller with backward curved blades.
- The 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 motor protection.
- 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.
- A duct connected fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

Accessories

- Speed controller MS EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- MK 160
- BSV 160
- RSK 160
- YG 160
- VK 160
- FLK 160
- FLF 160
- LDC 160







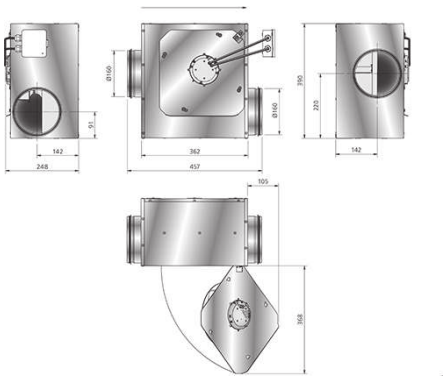
Voltage steps

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

TECHNICAL DATA	7540648 LPKB Silent 160 B1 EC
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	118 W
Current	0.93 A
Speed	3650 r.p.m.
Max. temperature of transported air	50 °C
Sound pressure level at 3 m	56 dB(A)
Weight	8 kg
Enclosure class	44 IP
Insulation class, motor	F
Duct connection	160 mm
Max. flow	619 m³/h
Max. pressure	684 Pa
Voltage range	200-240 V

SOUND DATA	Flow (m³/h)	L_{wA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
4. Surrounding Lw dB(A) 10V	418	63	45	49	52	61	51	49	44	40
4. Outlet Lw dB(A) 10V	418	80	65	67	71	77	70	69	69	60
4. Inlet Lw dB(A) 10V	418	70	61	63	66	61	51	57	56	47
3. Inlet Lw dB(A) 8V	353	67	54	62	63	57	47	53	52	43
2. Inlet Lw dB(A) 7V	302	64	51	60	61	52	43	48	48	37
1. Inlet Lw dB(A) 5.5V	245	60	46	56	58	46	37	41	40	28

DIMENSIONS



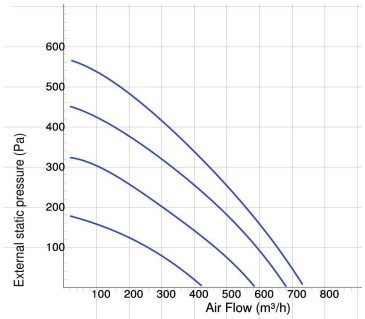
LPKB Silent 160 C1 EC

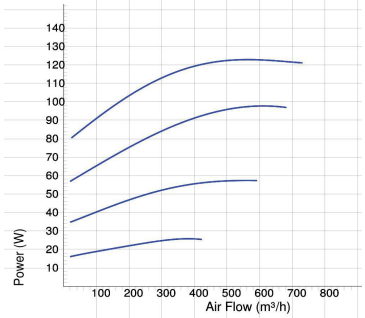
LPKB Silent EC

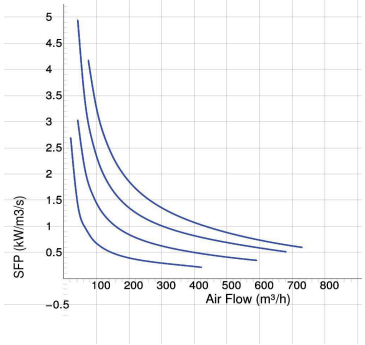
- Low profile duct fan with circular connections.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Equipped with a built in silencer on the inlet side for an even lower sound level.
- High capacity and efficiency.
- Impeller with backward curved blades.
- The 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 motor protection.
- 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.
- A duct connected fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

Accessories

- Speed controller MS EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- MK 160
- BSV 160
- RSK 160
- YG 160
- VK 160
- FLK 160
- FLF 160
- LDC 160







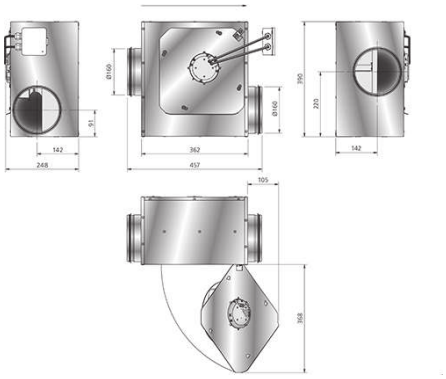
Voltage steps

1	2	3	4
5V	7V	8.5V	10V

TECHNICAL DATA	7540681 LPKB Silent 160 C1 EC
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	123 W
Current	0.98 A
Speed	2860 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	53 dB(A)
Weight	7.5 kg
Enclosure class	54 IP
Insulation class, motor	F
Capacitor	- µF
Duct connection	160 mm
Max. flow	738 m³/h
Max. pressure	572 Pa
Voltage range	220-240 V

SOUND DATA	Flow (m³/h)	L_{wA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
4. Surrounding Lw dB(A) 10V	407	60	31	43	56	57	48	46	40	34
4. Outlet Lw dB(A) 10V	407	78	61	67	72	74	67	66	63	55
4. Inlet Lw dB(A) 10V	407	70	54	65	68	59	52	51	49	41
3. Inlet Lw dB(A) 8.5V	385	69	52	63	66	57	50	48	46	38
2. Inlet Lw dB(A) 7V	320	65	50	61	62	53	45	44	41	32
1. Inlet Lw dB(A) 5V	248	58	46	55	54	46	38	35	31	20

DIMENSIONS



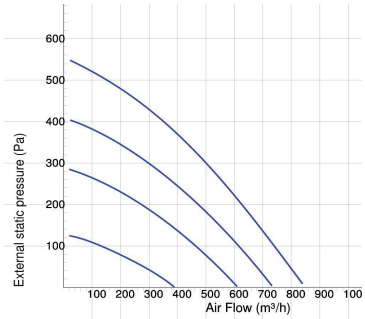
LPKB Silent 200 A1 EC

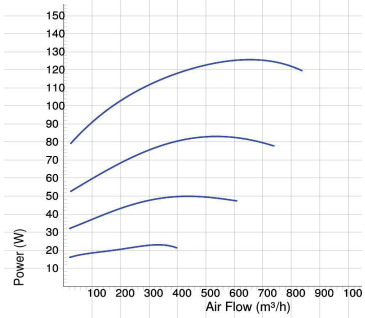
LPKB Silent EC

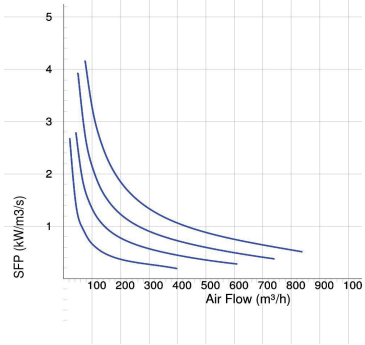
- Low profile duct fan with circular connections.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Equipped with a built in silencer on the inlet side for an even lower sound level.
- High capacity and efficiency.
- Impeller with backward curved blades.
- The 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 motor protection.
- 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.
- A duct connected fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

Accessories

- Speed controller MS EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- MK 200
- BSV 200
- RSK 200
- YG 200
- VK 200
- FLK 200
- FLF 200
- LDC 200







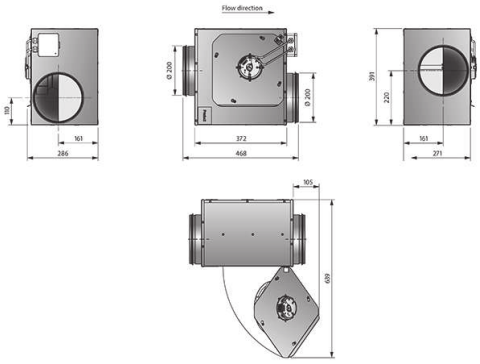
Voltage steps

1	2	3	4
5V	7V	8V	10V

TECHNICAL DATA	7540712 LPKB Silent 200 A1 EC
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	125 W
Current	0.98 A
Speed	2840 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	53 dB(A)
Weight	8.1 kg
Enclosure class	54 IP
Insulation class, motor	F
Capacitor	- µF
Duct connection	200 mm
Max. flow	850 m³/h
Max. pressure	555 Pa
Voltage range	220-240 V

SOUND DATA	Flow (m³/h)	L_{wA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
4. Surrounding Lw dB(A) 10V	500	60	33	40	58	54	48	45	41	35
4. Outlet Lw dB(A) 10V	500	78	59	66	72	74	66	68	63	56
4. Inlet Lw dB(A) 10V	500	69	54	64	66	59	51	54	51	46
3. Inlet Lw dB(A) 8V	418	67	52	62	64	55	47	50	48	41
2. Inlet Lw dB(A) 7V	342	64	50	61	61	50	43	46	43	35
1. Inlet Lw dB(A) 5V	148	59	48	57	55	44	36	39	33	23

DIMENSIONS



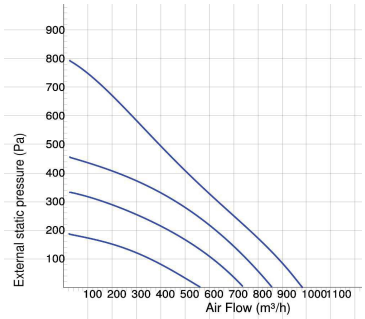
LPKB Silent 200 C1 EC

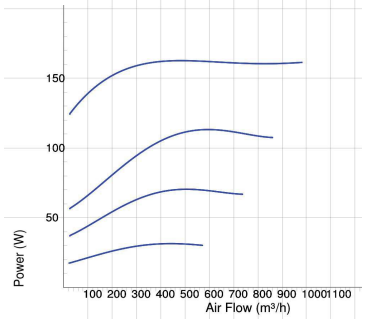
LPKB Silent EC

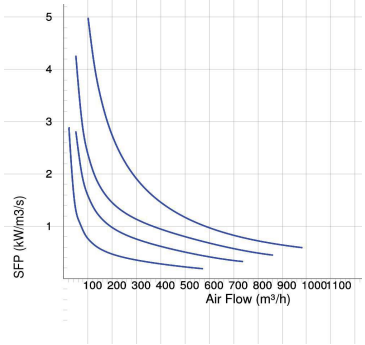
- Low profile duct fan with circular connections.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Equipped with a built in silencer on the inlet side for an even lower sound level.
- High capacity and efficiency.
- Impeller with backward curved blades.
- The 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 motor protection.
- 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.
- A duct connected fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

Accessories

- Speed controller MS EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- MK 200
- BSV 200
- RSK 200
- YG 200
- VK 200
- FLK 200
- FLF 200
- LDC 200







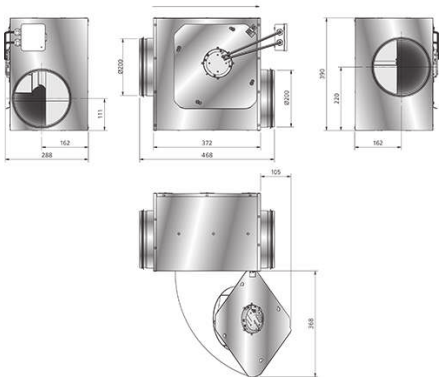
Voltage steps

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

TECHNICAL DATA	7540664 LPKB Silent 200 C1 EC
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	162 W
Current	1.25 A
Speed	2820 r.p.m.
Max. temperature of transported air	50 °C
Sound pressure level at 3 m	57 dB(A)
Weight	8.3 kg
Enclosure class	44 IP
Insulation class, motor	F
Capacitor	- µF
Duct connection	200 mm
Max. flow	983 m³/h
Max. pressure	808 Pa
Voltage range	200-240 V

SOUND DATA	Flow (m³/h)	L_{wA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
4. Surrounding Lw dB(A) 10V	680	64	36	48	57	62	53	49	42	34
4. Outlet Lw dB(A) 10V	680	82	64	68	75	79	73	72	68	58
4. Inlet Lw dB(A) 10V	680	71	59	66	68	63	55	52	51	42
3. Inlet Lw dB(A) 8V	612	69	56	64	66	59	51	48	47	38
2. Inlet Lw dB(A) 7V	515	67	53	60	65	55	47	44	41	31
1. Inlet Lw dB(A) 5.5V	385	61	47	55	60	48	38	36	30	20

DIMENSIONS



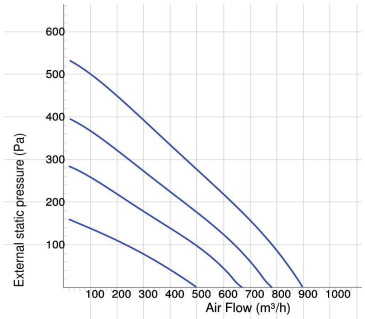
LPKB Silent 250 B1 EC

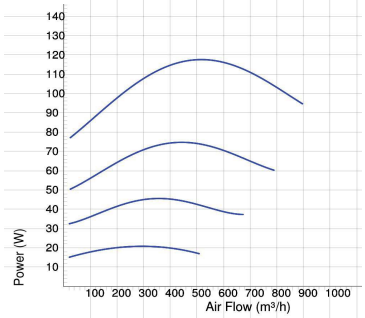
LPKB Silent EC

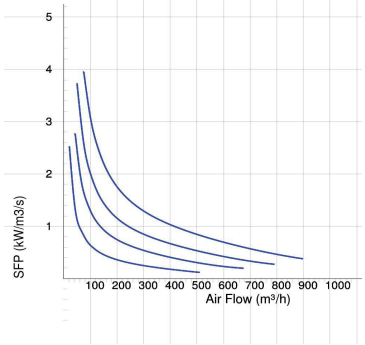
- Low profile duct fan with circular connections.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Equipped with a built in silencer on the inlet side for an even lower sound level.
- High capacity and efficiency.
- Impeller with backward curved blades.
- The 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 motor protection.
- 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.
- A duct connected fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

Accessories

- Speed controller MS EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- MK 250
- BSV 250
- RSK 250
- YG 250
- VK 250
- FLK 250
- FLF 250
- LDC 250







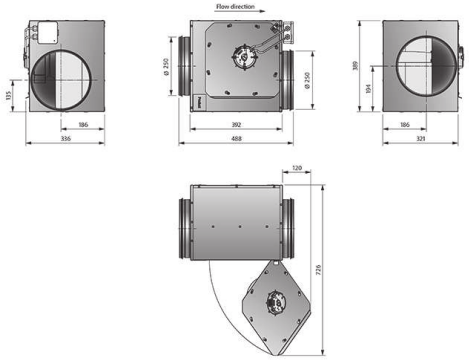
Voltage steps

1	2	3	4
5V	7V	8V	10V

TECHNICAL DATA	7540709 LPKB Silent 250 B1 EC
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	116 W
Current	0.93 A
Speed	2880 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	50 dB(A)
Weight	9.2 kg
Enclosure class	54 IP
Insulation class, motor	F
Capacitor	- µF
Duct connection	250 mm
Max. flow	896 m³/h
Max. pressure	537 Pa
Voltage range	220-240 V

SOUND DATA	Flow (m³/h)	L_{wA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
4. Surrounding Lw dB(A) 10V	590	57	28	36	54	52	45	44	38	32
4. Outlet Lw dB(A) 10V	590	76	57	62	71	71	67	70	64	56
4. Inlet Lw dB(A) 10V	590	67	55	60	63	55	55	58	55	47
3. Inlet Lw dB(A) 8V	518	64	52	57	61	52	51	55	52	42
2. Inlet Lw dB(A) 7V	436	61	49	56	57	48	47	50	48	36
1. Inlet Lw dB(A) 5V	335	58	45	50	57	41	39	45	36	24

DIMENSIONS



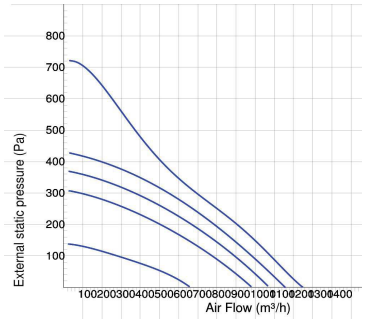
LPKB Silent 250 D1 EC

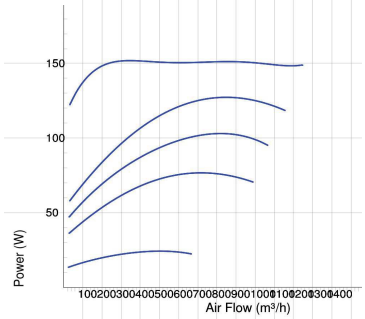
LPKB Silent EC

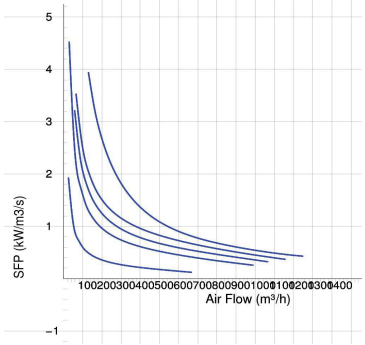
- Low profile duct fan with circular connections.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Equipped with a built in silencer on the inlet side for an even lower sound level.
- High capacity and efficiency.
- Impeller with backward curved blades.
- The 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 motor protection.
- 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.
- A duct connected fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

Accessories

- Speed controller MS EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- MK 250
- BSV 250
- RSK 250
- YG 250
- VK 250
- FLK 250
- FLF 250
- LDC 250







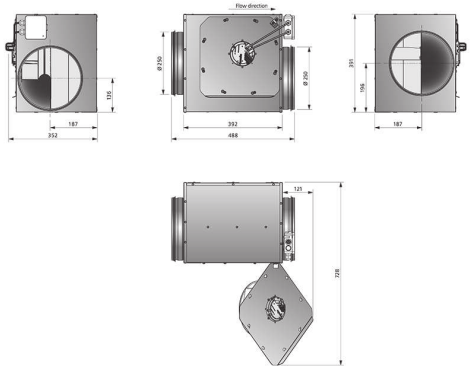
Voltage steps

1	2	3	4	5
5V	7V	7V	8V	10V

TECHNICAL DATA	7540679 LPKB Silent 250 D1 EC
Cos	0.52
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	171 W
Current	1.37 A
Speed	3100 r.p.m.
Max. temperature of transported air	50 °C
Sound pressure level at 3 m	53 dB(A)
Weight	9.2 kg
Enclosure class	44 IP
Insulation class, motor	F
Duct connection	250 mm
Max. flow	1249 m³/h
Max. pressure	719 Pa
Voltage range	200-240 V

SOUND DATA	Flow (m³/h)	L_{wA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 10V	713	60	36	47	56	56	49	44	37	32
5. Outlet Lw dB(A) 10V	713	82	64	69	78	77	72	73	69	61
5. Inlet Lw dB(A) 10V	713	72	59	66	71	58	55	56	54	45
4. Inlet Lw dB(A) 8V	659	71	58	65	70	56	53	54	52	42
3. Inlet Lw dB(A) 7V	576	69	57	63	68	53	51	52	49	39
2. Inlet Lw dB(A) 7V	529	67	56	61	65	52	48	50	47	36
1. Inlet Lw dB(A) 5V	382	58	48	55	55	40	38	37	32	19

DIMENSIONS



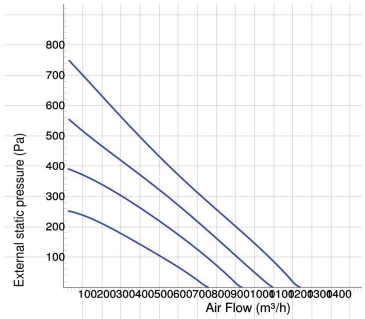
LPKB Silent 315 B1 EC

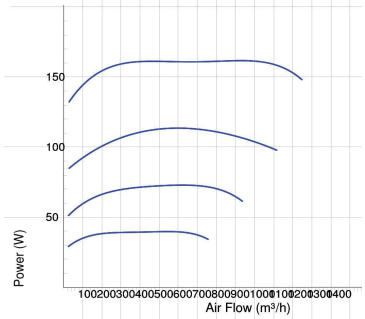
LPKB Silent EC

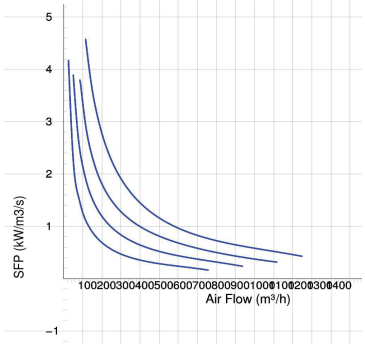
- Low profile duct fan with circular connections.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Equipped with a built in silencer on the inlet side for an even lower sound level.
- High capacity and efficiency.
- Impeller with backward curved blades.
- The 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 motor protection.
- 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.
- A duct connected fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

Accessories

- Speed controller MS EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- MK 315
- BSV 315
- RSK 315
- YG 315
- VK 315
- FLK 315
- FLF 315
- LDC 315







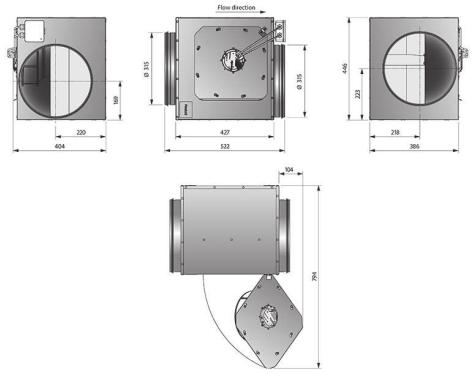
Voltage steps

1	2	3	4
5V	6V	8V	10V

TECHNICAL DATA	7540710 LPKB Silent 315 B1 EC
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	167 W
Current	1.33 A
Speed	3030 r.p.m.
Max. temperature of transported air	45 °C
Sound pressure level at 3 m	50 dB(A)
Weight	12.8 kg
Enclosure class	54 IP
Insulation class, motor	F
Capacitor	- µF
Duct connection	315 mm
Max. flow	1228 m³/h
Max. pressure	777 Pa
Voltage range	220-240 V

SOUND DATA	Flow (m³/h)	L_{wA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
4. Surrounding Lw dB(A) 10V	702	57	29	44	54	52	46	44	46	43
4. Outlet Lw dB(A) 10V	702	78	59	63	73	73	69	72	67	57
4. Inlet Lw dB(A) 10V	702	68	60	61	64	52	55	58	55	46
3. Inlet Lw dB(A) 8V	641	66	58	59	63	49	52	54	52	42
2. Inlet Lw dB(A) 6V	565	63	55	57	60	46	49	51	48	36
1. Inlet Lw dB(A) 5V	454	62	51	53	60	42	43	46	39	28

DIMENSIONS



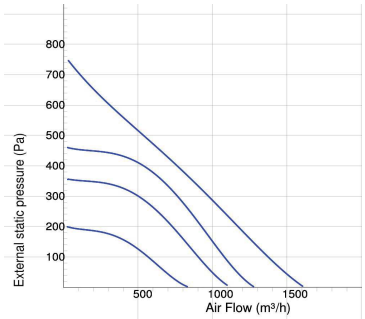
LPKB Silent 315 E1 EC

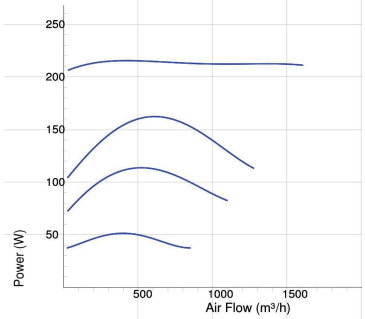
LPKB Silent EC

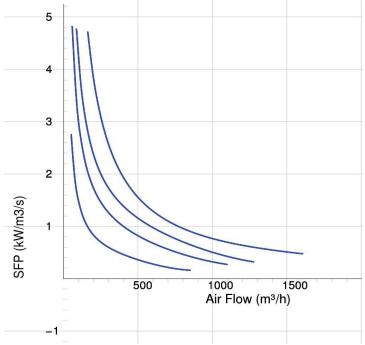
- Low profile duct fan with circular connections.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Equipped with a built in silencer on the inlet side for an even lower sound level.
- High capacity and efficiency.
- Impeller with backward curved blades.
- The 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 motor protection.
- 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.
- A duct connected fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

Accessories

- Speed controller MS EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- MK 315
- BSV 315
- RSK 315
- YG 315
- VK 315
- FLK 315
- FLF 315
- LDC 315



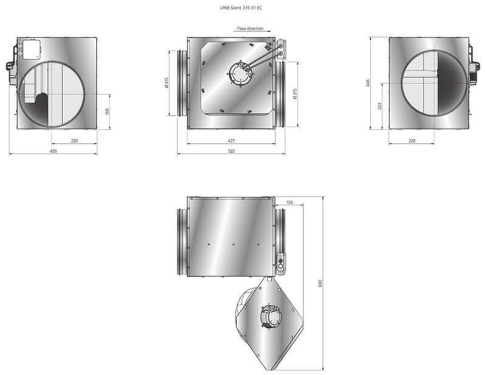




Voltage steps

1	2	3	4
5V	7V	8V	10V

TECHNICAL DATA	7540716 LPKB Silent 315 E1 EC
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	216 W
Current	0.97 A
Speed	2440 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	52 dB(A)
Weight	14.9 kg
Enclosure class	54 IP
Insulation class, motor	F
Capacitor	- µF
Duct connection	315 mm
Max. flow	1613 m³/h
Max. pressure	768 Pa
Voltage range	200-277 V

SOUND DATA	Flow (m³/h)	L_{wA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
4. Surrounding Lw dB(A) 10V	860	59	37	46	53	56	49	47	42	38
4. Outlet Lw dB(A) 10V	860	82	62	67	70	79	72	76	71	67
4. Inlet Lw dB(A) 10V	860	73	64	68	67	57	60	64	60	56
3. Inlet Lw dB(A) 8V	792	72	63	67	66	57	58	62	59	54
2. Inlet Lw dB(A) 7V	716	68	61	63	63	52	54	58	55	50
1. Inlet Lw dB(A) 5V	493	62	54	57	58	44	47	50	46	40

DIMENSIONS