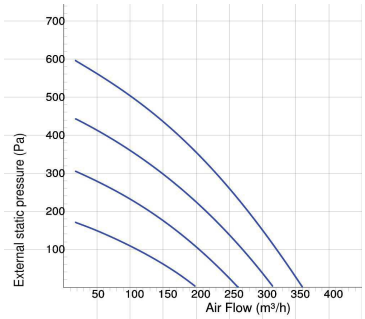
CK 100 C EC

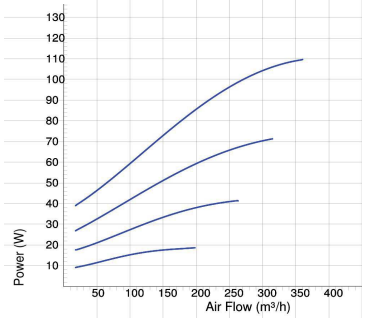
CK EC

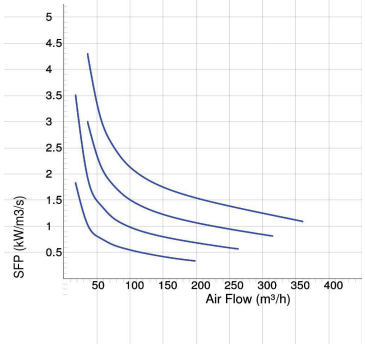
- Duct fan with circular connections.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can 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.
- The fan is intended to be installed in a duct system.
- A duct connected fan can be installed outside or in damp environments.
- Easy installation in any position.

Accessories

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







Voltage steps

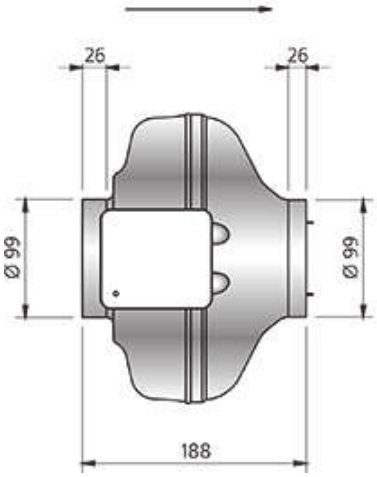
1	2	3	4
5V	7V	8.5V	10V

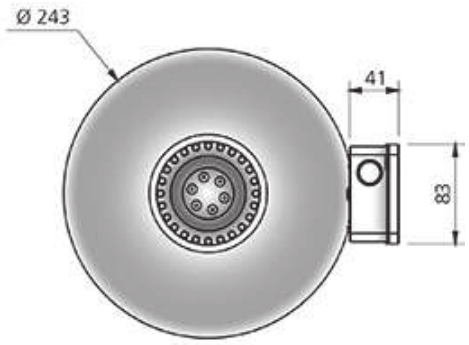
TECHNICAL DATA

	7001100 CK 100 C EC
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	111 W
Current	0.9 A
Speed	3600 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	46 dB(A)
Weight	2.5 kg
Enclosure class	54 IP
Insulation class, motor	F
Duct connection	100 mm
Max. flow	360 m³/h
Max. pressure	613 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	281	53	28	34	44	46	49	45	45	35
4. Outlet Lw dB(A) 10V	281	81	64	70	76	75	72	72	68	62
4. Inlet Lw dB(A) 10V	281	80	57	72	75	75	72	67	65	59
3. Inlet Lw dB(A) 8.5V	248	77	55	71	71	72	68	63	61	54
2. Inlet Lw dB(A) 7V	209	73	53	68	66	67	62	58	56	48
1. Inlet Lw dB(A) 5V	158	65	48	60	59	59	54	51	46	38

DIMENSIONS





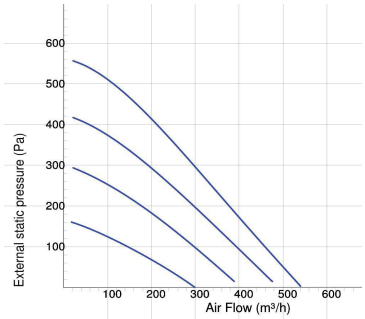
CK 125 C EC

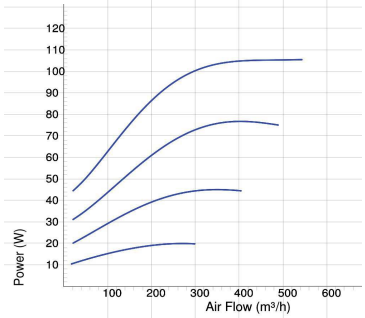
CK EC

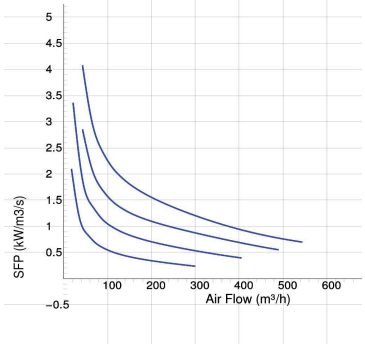
- Duct fan with circular connections.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can 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.
- The fan is intended to be installed in a duct system.
- A duct connected fan can be installed outside or in damp environments.
- Easy installation in any position.

Accessories

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







Voltage steps

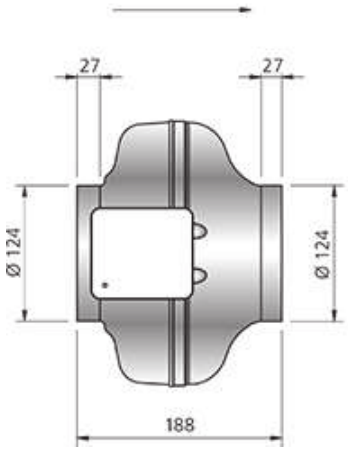
1	2	3	4
5V	7V	8.5V	10V

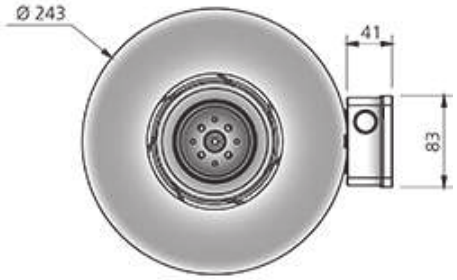
TECHNICAL DATA

	7001101 CK 125 C EC
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	106 W
Current	0.87 A
Speed	3540 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	46 dB(A)
Weight	2.5 kg
Enclosure class	54 IP
Insulation class, motor	F
Duct connection	125 mm
Max. flow	544 m³/h
Max. pressure	569 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	342	53	35	31	43	45	49	43	46	38
4. Outlet Lw dB(A) 10V	342	78	55	67	71	73	71	69	65	60
4. Inlet Lw dB(A) 10V	342	79	58	69	73	75	71	68	65	60
3. Inlet Lw dB(A) 8.5V	317	76	56	67	70	71	68	64	62	56
2. Inlet Lw dB(A) 7V	270	71	53	63	66	66	63	59	56	50
1. Inlet Lw dB(A) 5V	205	64	47	57	57	59	55	51	46	39

DIMENSIONS





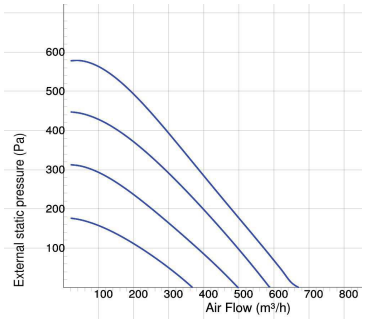
CK 160 B EC

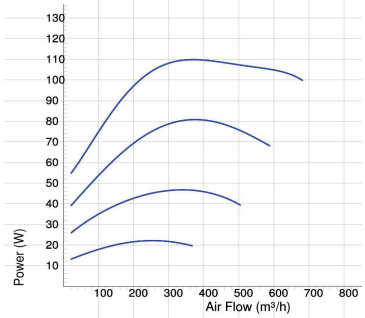
CK EC

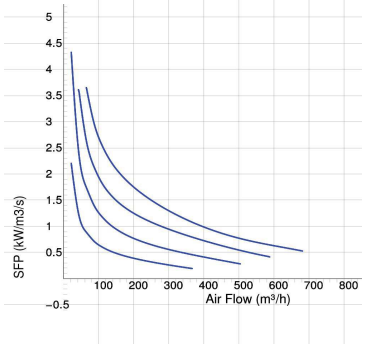
- Duct fan with circular connections.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can 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.
- The fan is intended to be installed in a duct system.
- A duct connected fan can be installed outside or in damp environments.
- Easy installation in any position.

Accessories

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







Voltage steps

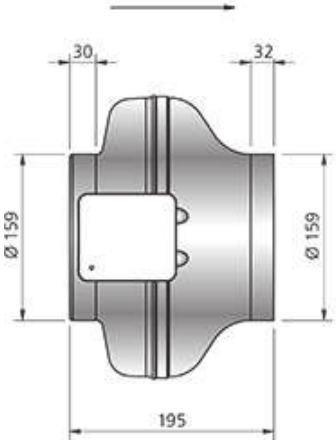
1	2	3	4
5V	7V	8.5V	10V

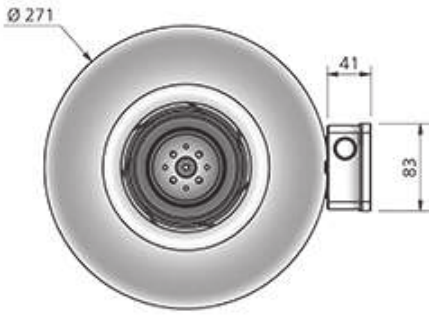
TECHNICAL DATA

	7001103 CK 160 B EC
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	111 W
Current	0.9 A
Speed	3570 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	40 dB(A)
Weight	2.6 kg
Enclosure class	54 IP
Insulation class, motor	F
Duct connection	160 mm
Max. flow	659 m³/h
Max. pressure	576 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	497	48	38	30	38	40	40	42	39	32
4. Outlet Lw dB(A) 10V	497	78	59	65	69	74	69	69	67	63
4. Inlet Lw dB(A) 10V	497	75	55	64	68	71	68	64	63	60
3. Inlet Lw dB(A) 8.5V	421	73	54	62	66	69	65	62	60	57
2. Inlet Lw dB(A) 7V	360	68	51	59	61	64	60	58	56	51
1. Inlet Lw dB(A) 5V	274	62	43	53	57	56	53	51	46	40

DIMENSIONS





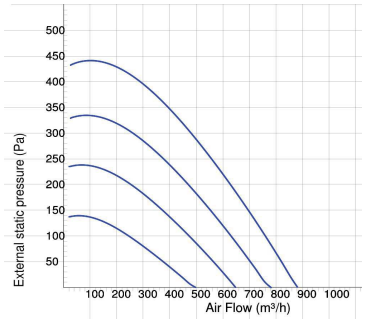
CK 160 C EC

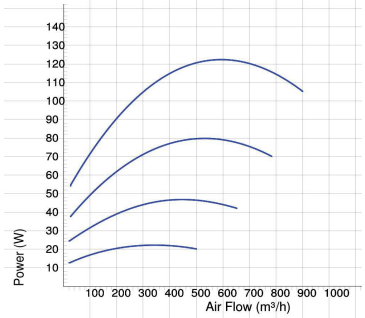
CK EC

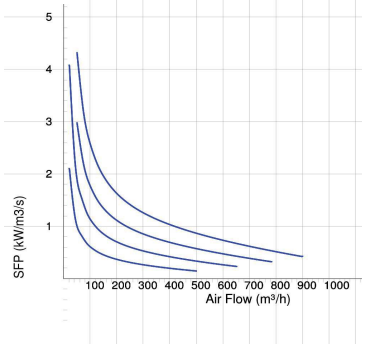
- Duct fan with circular connections.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can 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.
- The fan is intended to be installed in a duct system.
- A duct connected fan can be installed outside or in damp environments.
- Easy installation in any position.

Accessories

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







Voltage steps

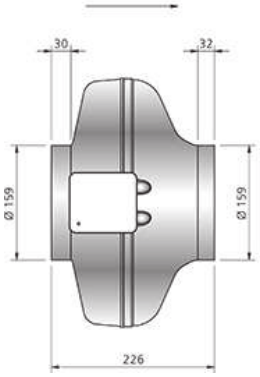
1	2	3	4
5V	7V	8V	10V

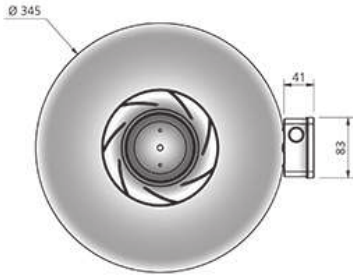
TECHNICAL DATA

	7001104 CK 160 C EC
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	121 W
Current	0.99 A
Speed	2900 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	46 dB(A)
Weight	3.7 kg
Enclosure class	54 IP
Insulation class, motor	F
Capacitor	- µF
Duct connection	160 mm
Max. flow	878 m³/h
Max. pressure	436 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	53	27	30	37	45	48	45	48	38
4. Outlet Lw dB(A) 10V	702	76	58	66	69	70	68	68	66	60
4. Inlet Lw dB(A) 10V	702	77	56	66	70	72	69	65	65	57
3. Inlet Lw dB(A) 8V	594	74	53	64	69	70	66	62	62	53
2. Inlet Lw dB(A) 7V	540	70	49	62	66	66	61	57	56	47
1. Inlet Lw dB(A) 5V	389	63	44	56	58	59	54	51	47	36

DIMENSIONS





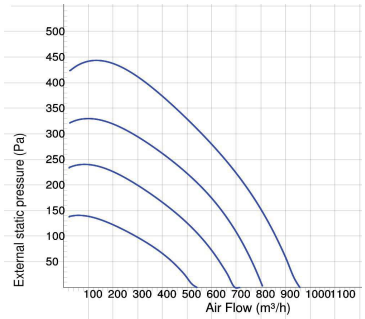
CK 200 A EC

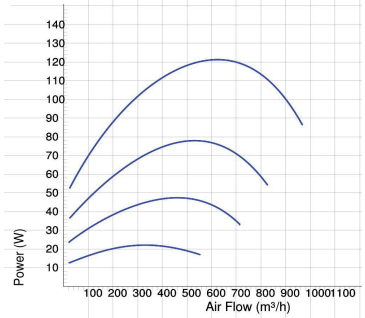
CK EC

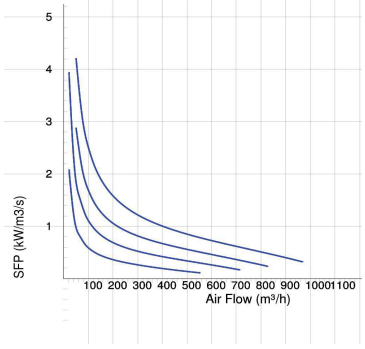
- Duct fan with circular connections.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can 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.
- The fan is intended to be installed in a duct system.
- A duct connected fan can be installed outside or in damp environments.
- Easy installation in any position.

Accessories

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







Voltage steps

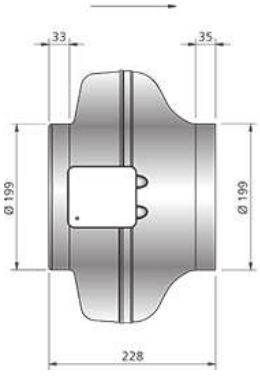
1	2	3	4
5V	7V	8V	10V

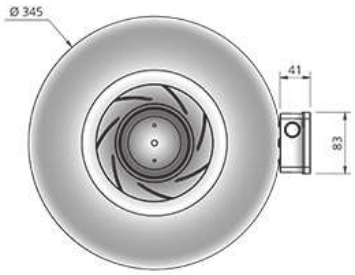
TECHNICAL DATA

	7001105 CK 200 A EC
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	120 W
Current	0.97 A
Speed	2900 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	46 dB(A)
Weight	4.0 kg
Enclosure class	54 IP
Insulation class, motor	F
Capacitor	- µF
Duct connection	200 mm
Max. flow	950 m³/h
Max. pressure	445 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	778	53	22	29	38	50	46	43	43	34
4. Outlet Lw dB(A) 10V	778	76	59	63	68	70	66	70	67	59
4. Inlet Lw dB(A) 10V	778	75	55	63	67	70	66	67	66	56
3. Inlet Lw dB(A) 8V	648	72	53	61	65	68	63	64	62	51
2. Inlet Lw dB(A) 7V	526	68	49	58	62	63	58	59	57	45
1. Inlet Lw dB(A) 5V	425	63	43	54	57	57	51	57	44	35

DIMENSIONS





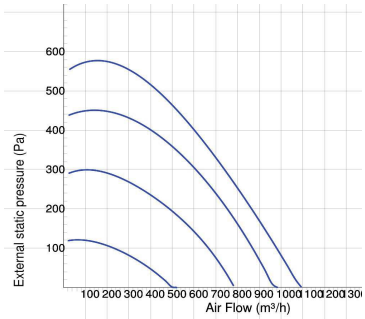
CK 200 B EC

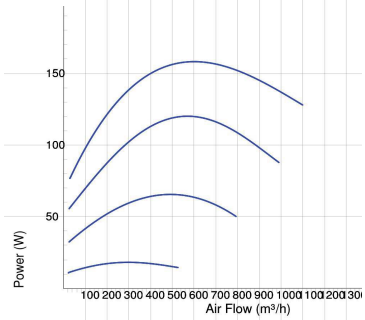
CK EC

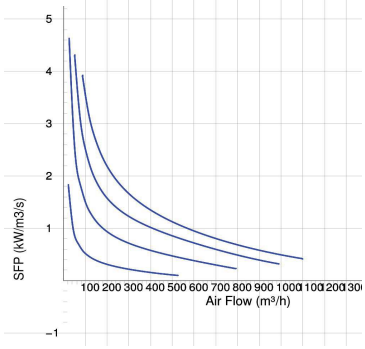
- Duct fan with circular connections.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can 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.
- The fan is intended to be installed in a duct system.
- A duct connected fan can be installed outside or in damp environments.
- Easy installation in any position.

Accessories

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







Voltage steps

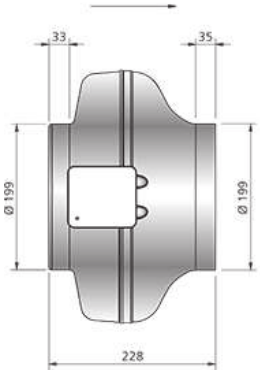
1	2	3	4
5V	7V	8.5V	10V

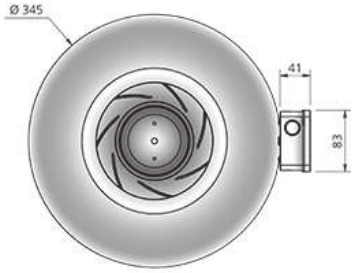
TECHNICAL DATA

	7001047 CK 200 B EC
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	154 W
Current	1.21 A
Speed	3250 r.p.m.
Max. temperature of transported air	50 °C
Sound pressure level at 3 m	46 dB(A)
Weight	4 kg
Enclosure class	44 IP
Insulation class, motor	F
Capacitor	- µF
Duct connection	200 mm
Max. flow	1087 m³/h
Max. pressure	576 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	695	53	19	40	41	51	46	42	42	34
4. Outlet Lw dB(A) 10V	842	80	58	68	76	74	69	72	70	61
4. Inlet Lw dB(A) 10V	842	79	61	70	73	74	70	70	69	59
3. Inlet Lw dB(A) 8.5V	763	77	60	68	71	72	68	69	67	57
2. Inlet Lw dB(A) 7V	619	72	55	63	64	66	62	65	64	50
1. Inlet Lw dB(A) 5V	378	61	45	54	54	54	51	54	42	33

DIMENSIONS





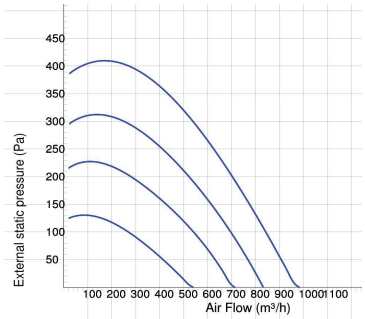
CK 250 A EC

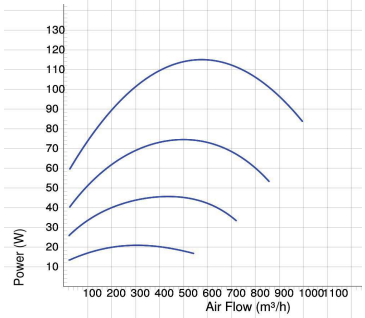
CK EC

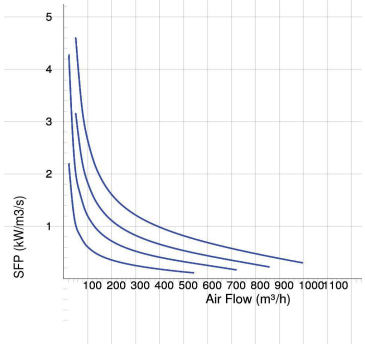
- Duct fan with circular connections.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can 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.
- The fan is intended to be installed in a duct system.
- A duct connected fan can be installed outside or in damp environments.
- Easy installation in any position.

Accessories

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







Voltage steps

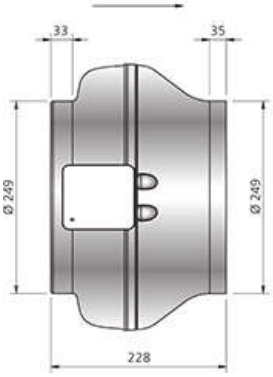
1	2	3	4
5V	7V	8.5V	10V

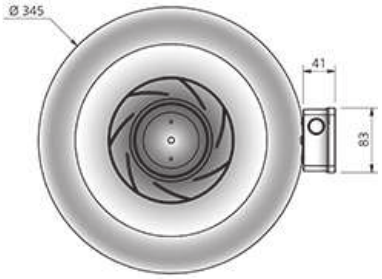
TECHNICAL DATA

	7001107 CK 250 A EC
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	115 W
Current	0.95 A
Speed	2900 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	44 dB(A)
Weight	4.1 kg
Enclosure class	54 IP
Insulation class, motor	F
Capacitor	- µF
Duct connection	250 mm
Max. flow	968 m³/h
Max. pressure	414 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	641	51	28	36	43	49	44	39	39	31
4. Outlet Lw dB(A) 10V	641	76	57	59	70	67	71	70	67	60
4. Inlet Lw dB(A) 10V	641	75	55	62	68	68	69	67	65	57
3. Inlet Lw dB(A) 8.5V	551	72	51	59	65	65	66	63	61	51
2. Inlet Lw dB(A) 7V	461	68	50	58	62	60	62	59	57	45
1. Inlet Lw dB(A) 5V	353	61	46	53	54	53	55	55	44	34

DIMENSIONS





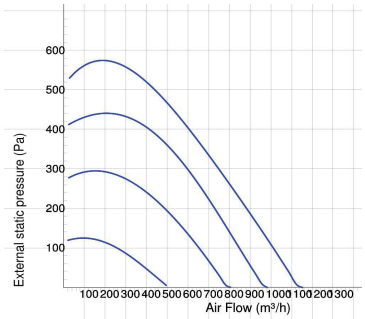
CK 250 B EC

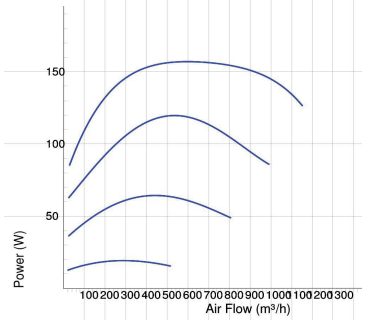
CK EC

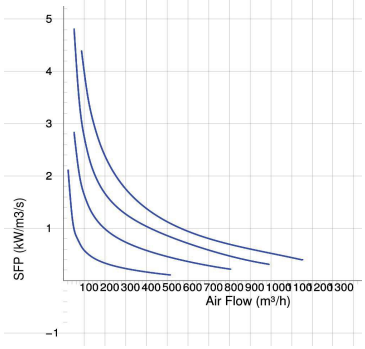
- Duct fan with circular connections.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can 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.
- The fan is intended to be installed in a duct system.
- A duct connected fan can be installed outside or in damp environments.
- Easy installation in any position.

Accessories

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







Voltage steps

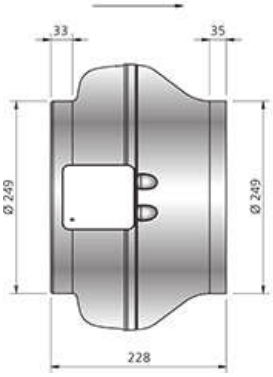
1	2	3	4
5V	7V	8.5V	10V

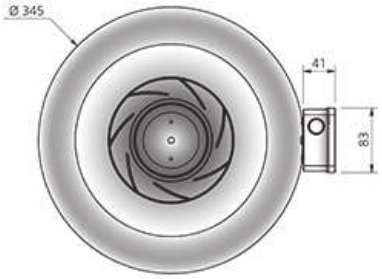
TECHNICAL DATA

	7001048 CK 250 B EC
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	155 W
Current	1.25 A
Speed	3330 r.p.m.
Max. temperature of transported air	50 °C
Sound pressure level at 3 m	46 dB(A)
Weight	4.1 kg
Enclosure class	44 IP
Insulation class, motor	F
Capacitor	- µF
Duct connection	250 mm
Max. flow	1130 m³/h
Max. pressure	587 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	832	53	26	39	45	49	44	43	43	33
4. Outlet Lw dB(A) 10V	832	81	56	66	76	73	73	75	72	64
4. Inlet Lw dB(A) 10V	832	81	56	69	76	71	73	74	72	62
3. Inlet Lw dB(A) 8.5V	767	78	55	67	72	69	70	71	69	59
2. Inlet Lw dB(A) 7V	612	74	52	62	69	63	65	67	65	52
1. Inlet Lw dB(A) 5V	400	63	48	52	55	52	54	60	44	34

DIMENSIONS





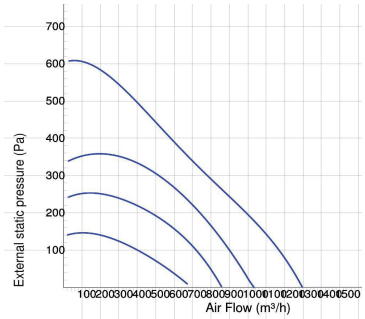
CK 315 B EC

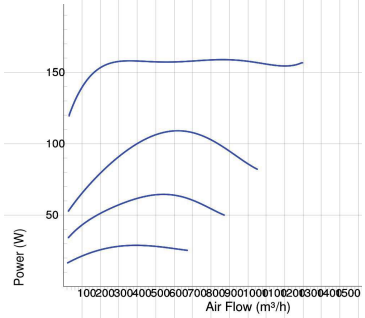
CK EC

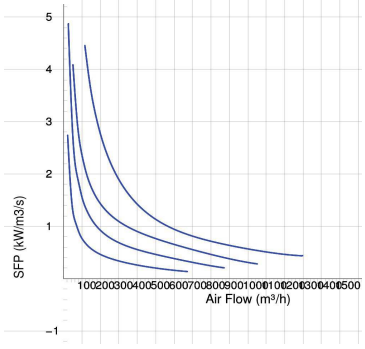
- Duct fan with circular connections.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can 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.
- The fan is intended to be installed in a duct system.
- A duct connected fan can be installed outside or in damp environments.
- Easy installation in any position.

Accessories

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







Voltage steps

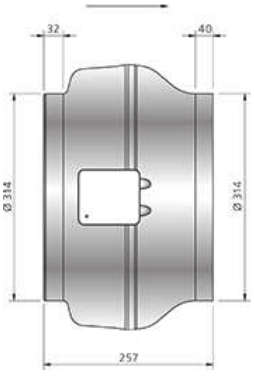
1	2	3	4
5.5V	7V	8V	10V

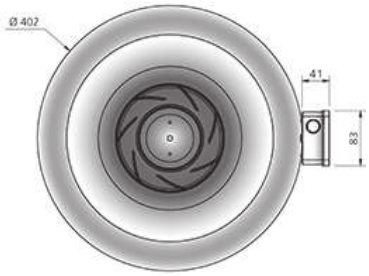
TECHNICAL DATA

	7001049 CK 315 B EC
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	159 W
Current	1.22 A
Speed	2760 r.p.m.
Max. temperature of transported air	50 °C
Sound pressure level at 3 m	48 dB(A)
Weight	5.4 kg
Enclosure class	44 IP
Insulation class, motor	F
Capacitor	- µF
Duct connection	315 mm
Max. flow	1296 m³/h
Max. pressure	607 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	864	55	31	40	46	51	46	47	42	31
4. Outlet Lw dB(A) 10V	860	81	61	71	74	68	76	73	71	61
4. Inlet Lw dB(A) 10V	864	81	62	72	72	69	75	75	71	61
3. Inlet Lw dB(A) 8V	760	78	63	70	70	65	72	71	68	56
2. Inlet Lw dB(A) 7V	641	74	62	65	64	61	69	66	62	50
1. Inlet Lw dB(A) 5.5V	468	66	56	57	56	55	62	58	50	38

DIMENSIONS





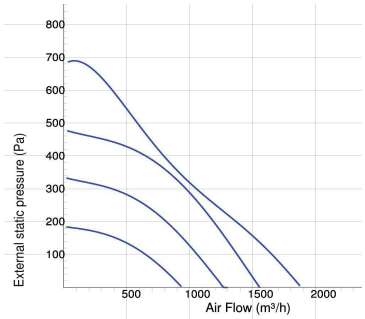
CK 315 C EC

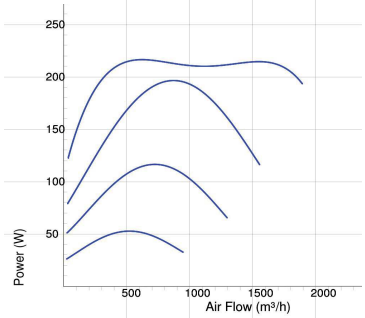
CK EC

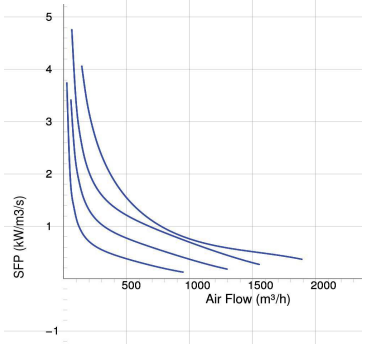
- Duct fan with circular connections.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can 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.
- 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

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





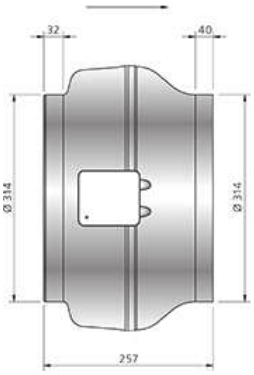
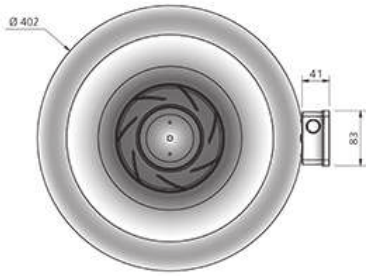


Voltage steps

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

TECHNICAL DATA

	7001069 CK 315 C EC
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	217 W
Current	0.98 A
Speed	2640 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	52 dB(A)
Weight	6.2 kg
Enclosure class	54 IP
Insulation class, motor	F
Capacitor	- µF
Duct connection	315 mm
Max. flow	1883 m³/h
Max. pressure	695 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	1231	59	25	45	50	53	50	56	48	38
4. Outlet Lw dB(A) 10V	1231	80	56	63	67	75	73	75	69	68
4. Inlet Lw dB(A) 10V	1231	78	55	59	63	69	69	73	70	71
3. Inlet Lw dB(A) 8V	1087	75	52	56	61	66	67	70	66	67
2. Inlet Lw dB(A) 7V	803	68	47	52	58	57	60	63	62	56
1. Inlet Lw dB(A) 5V	576	60	40	46	51	52	54	53	55	39

DIMENSIONS