

UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

CK 100 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.

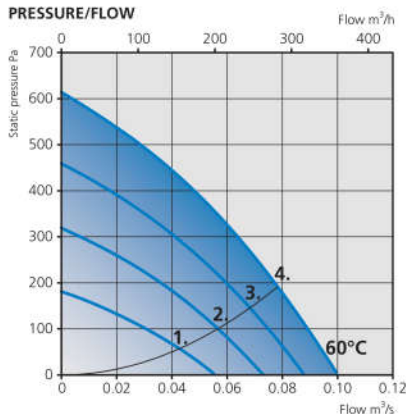
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the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



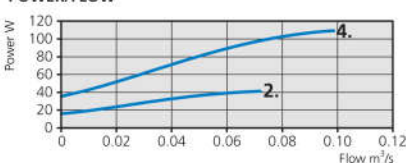
ACCESSORIES

- Mounting bracket-kit, MB
- Mounting clamp, MK 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

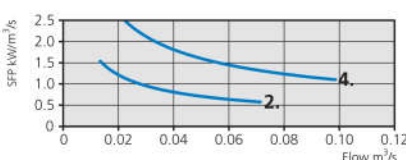
PRESSURE/FLOW



POWER/FLOW



SFP



VOLTAGE STEPS

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

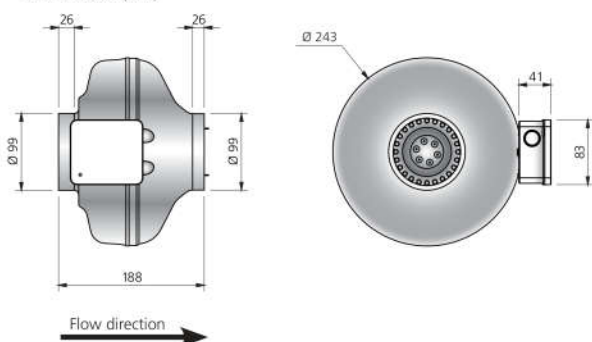
TECHNICAL DATA

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_{pA}	L_{wA} 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

DIMENSIONS (mm)





UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

CK 125 C EC

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

- 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.

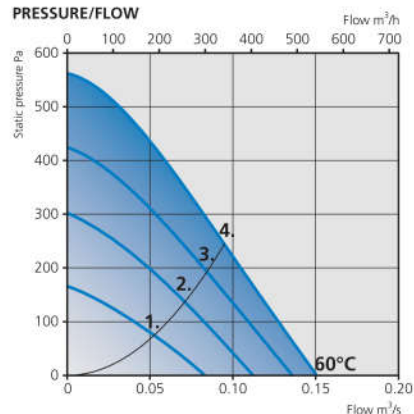
TECHNICAL DATA

CK 125 C EC	Art.no. 7001101
Voltage	230/50 V/Hz
Voltage range	200-240 / 50/60 V/Hz
Phase	1 ~
Current	0.87 A
Power	106 W
Speed	3540 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

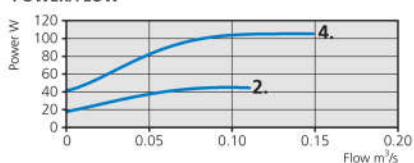
SOUND DATA

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

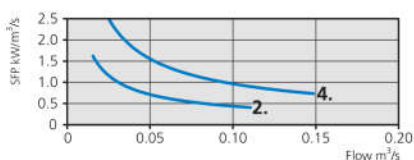
PRESSURE/FLOW



POWER/FLOW



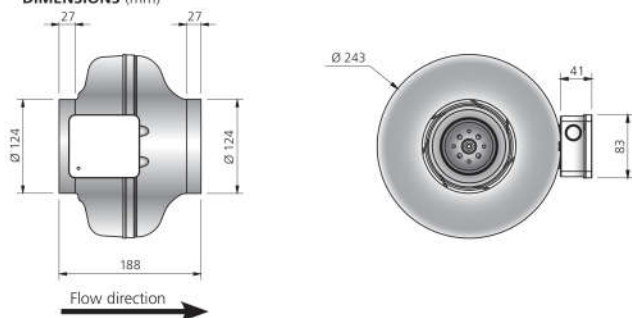
SFP



VOLTAGE STEPS

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

DIMENSIONS (mm)



UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

CK 150 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.

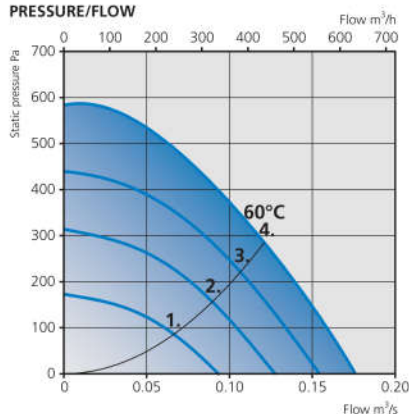
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the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



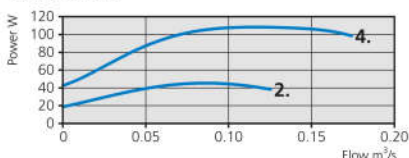
ACCESSORIES

- Mounting bracket-kit, MB
- Mounting clamp, MK 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

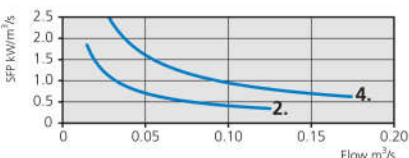
PRESSURE/FLOW



POWER/FLOW



SFP



VOLTAGE STEPS

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

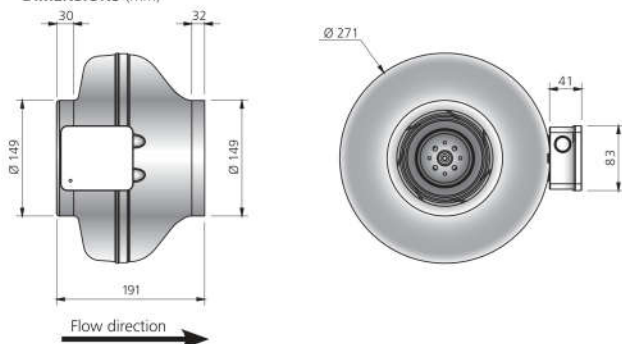
TECHNICAL DATA

CK 150 B EC	Art.no. 7001102
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	2.6 kg
Wiring diagram	4040180

SOUND DATA

	L_{pA}	L_{wA} 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

DIMENSIONS (mm)





UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

CK 160 B 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 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.

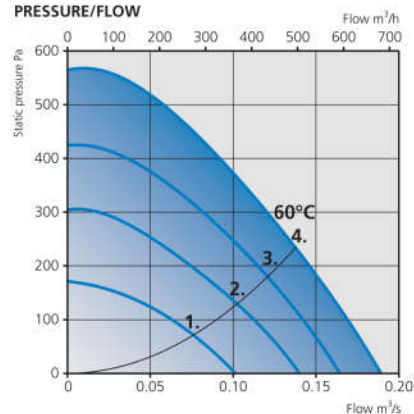
TECHNICAL DATA

CK 160 B EC	Art.no. 7001103
Voltage	230/50 V/Hz
Voltage range	200-240 / 50/60 V/Hz
Phase	1 ~
Current	0.90 A
Power	111 W
Speed	3570 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	40 dB(A)
Weight	2.6 kg
Wiring diagram	4040180

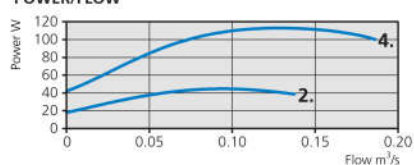
SOUND DATA

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

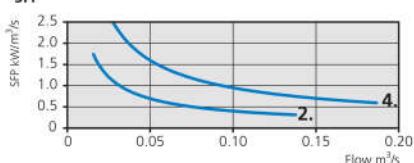
PRESSURE/FLOW



POWER/FLOW



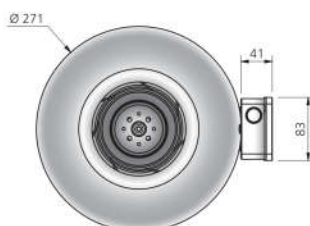
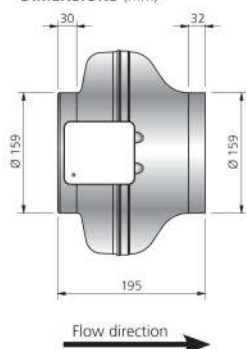
SFP



VOLTAGE STEPS

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

DIMENSIONS (mm)



UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

CK 160 C EC

- 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.

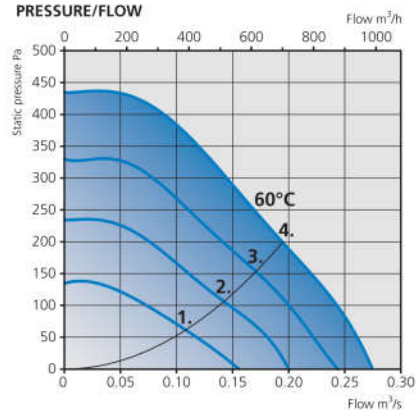
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the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



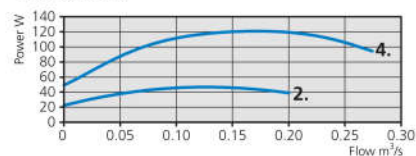
ACCESSORIES

- 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

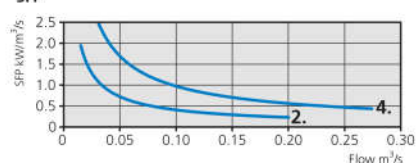
PRESSURE/FLOW



POWER/FLOW



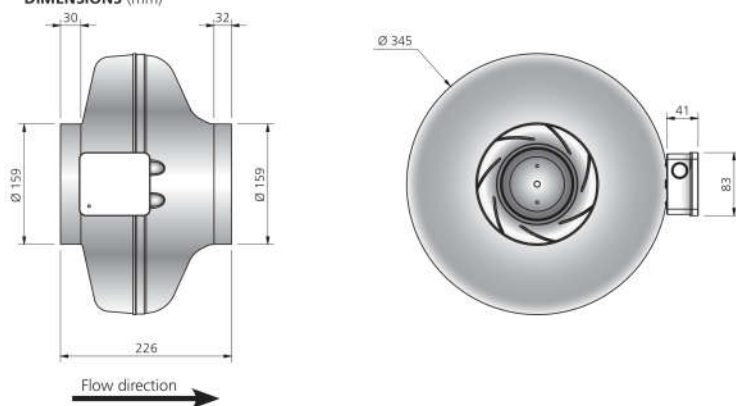
SFP



VOLTAGE STEPS

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

DIMENSIONS (mm)



TECHNICAL DATA

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_{pA}	L_{wA} 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



UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS



CK 200 A 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 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.

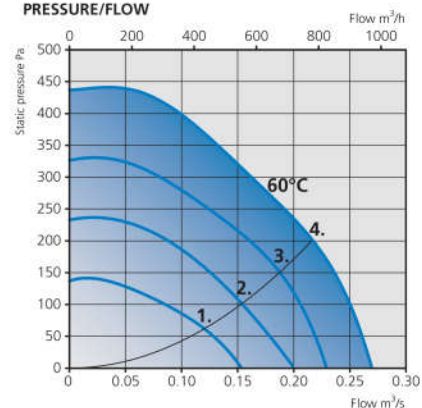
TECHNICAL DATA

CK 200 A EC	Art.no. 7001105
Voltage	230/50 V/Hz
Voltage range	200-240 / 50/60 V/Hz
Phase	1 ~
Current	0.97 A
Power	120 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	4.0 kg
Wiring diagram	4040180

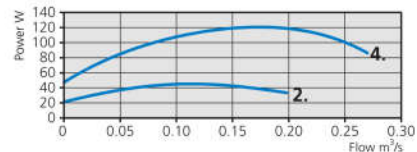
SOUND DATA

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

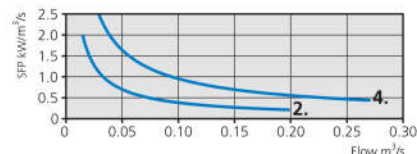
PRESSURE/FLOW



POWER/FLOW



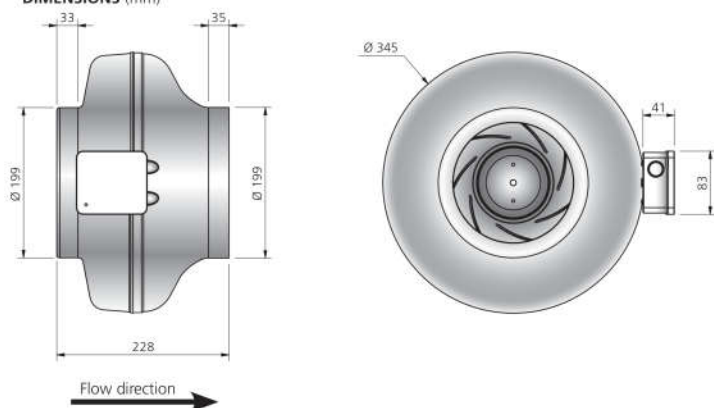
SFP



VOLTAGE STEPS

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

DIMENSIONS (mm)



UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

CK 200 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.

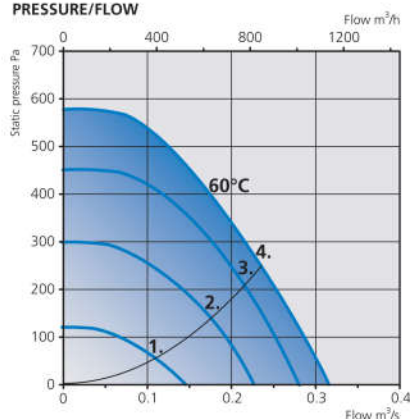
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the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



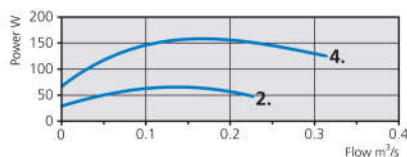
ACCESSORIES

- 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

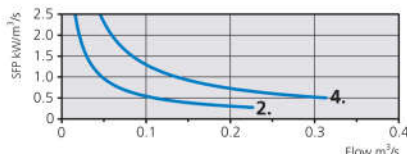
PRESSURE/FLOW



POWER/FLOW



SFP



VOLTAGE STEPS

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

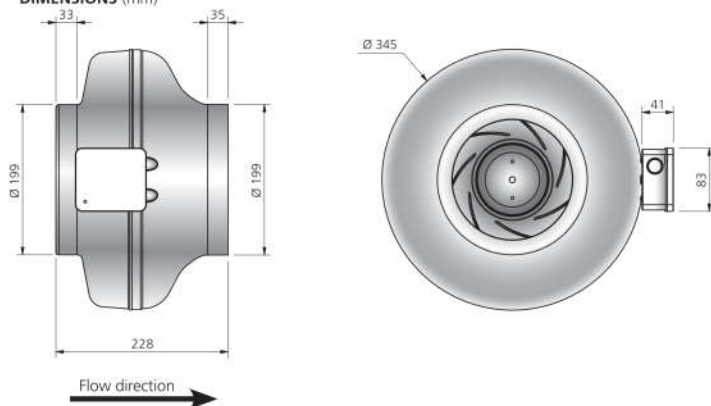
TECHNICAL DATA

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_{pA}	L_{wA} 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

DIMENSIONS (mm)





UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

CK 250 A 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 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.

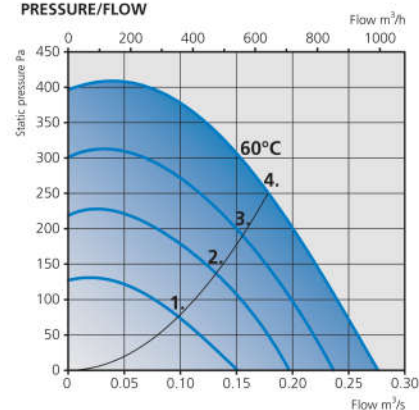
TECHNICAL DATA

CK 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

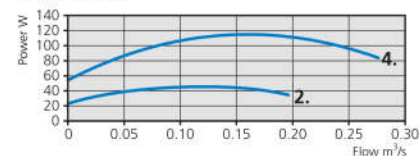
SOUND DATA

	L_{pA}	L_{WA} 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

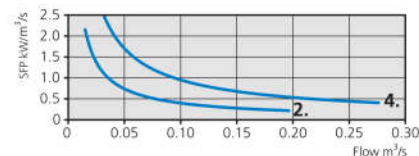
PRESSURE/FLOW



POWER/FLOW



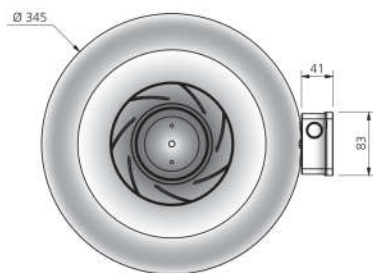
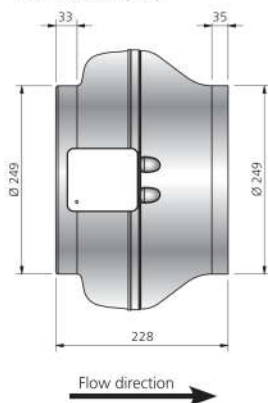
SFP



VOLTAGE STEPS

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

DIMENSIONS (mm)



UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

CK 250 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.

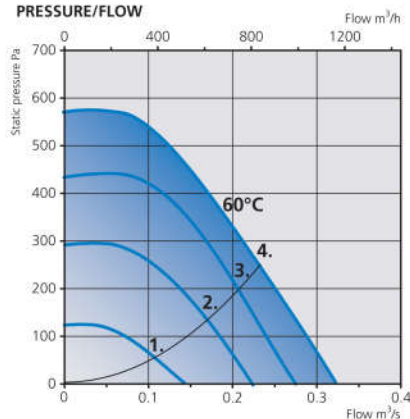
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the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



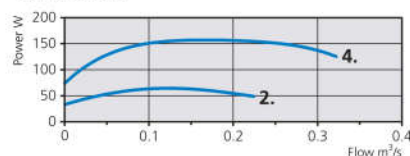
ACCESSORIES

- 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

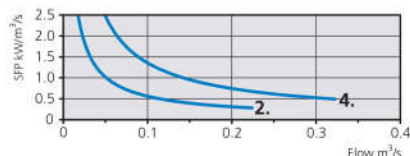
PRESSURE/FLOW



POWER/FLOW



SFP



VOLTAGE STEPS

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

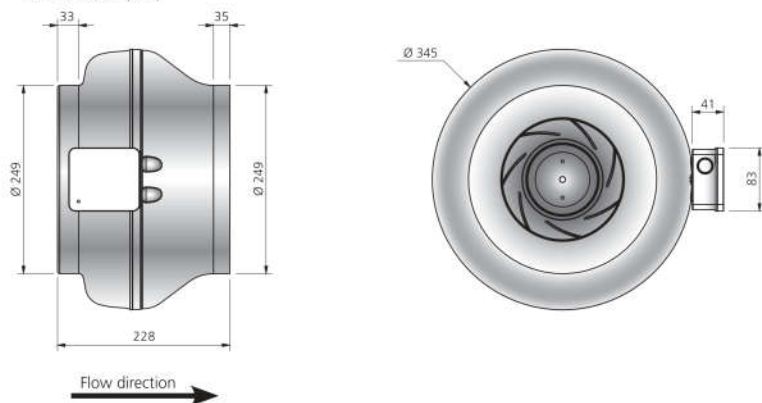
TECHNICAL DATA

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_{pA}	L_{wA} 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

DIMENSIONS (mm)





UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

CK 315 B 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.

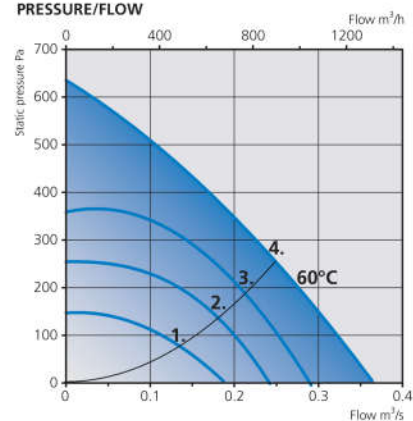
TECHNICAL DATA

CK 315 B EC	Art.no. 7001049
Voltage	230/50 V/Hz
Voltage range	200-240 / 50/60 V/Hz
Phase	1 ~
Current	1.22 A
Power	159 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	48 dB(A)
Weight	5.4 kg
Wiring diagram	4040143

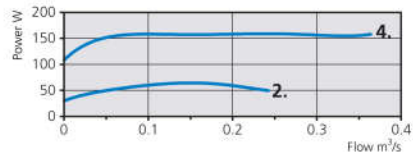
SOUND DATA

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

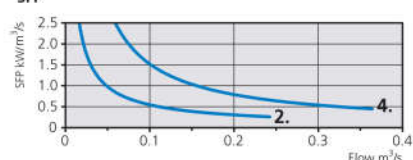
PRESSURE/FLOW



POWER/FLOW



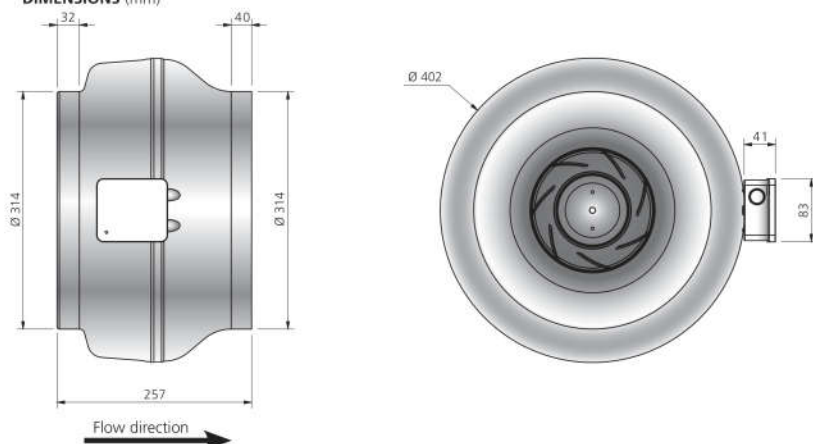
SFP



VOLTAGE STEPS

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

DIMENSIONS (mm)



UNINSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

CK 315 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 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.

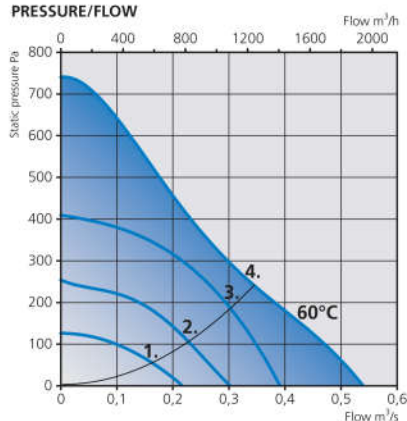
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the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



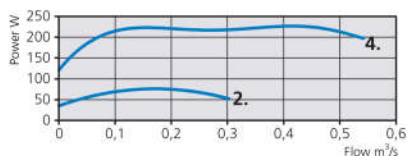
ACCESSORIES

- 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

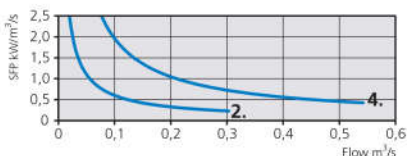
PRESSURE/FLOW



POWER/FLOW



SFP



VOLTAGE STEPS

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

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_{pA}	L_{wA} 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

DIMENSIONS (mm)

