



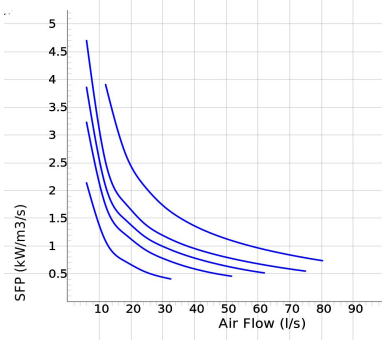
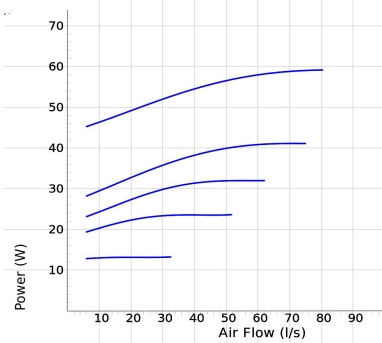
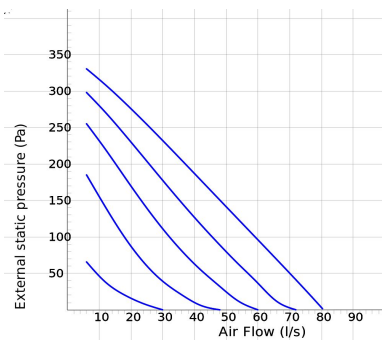
# CK 100 C

CK

- Duct fan with circular connections.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- Operational in both 50 and 60 Hz.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- For speed control a transformer or electronic speed controller can be connected.
- 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.
- To comply with the ErP 2018 regulation, a local demand controller must be used.

## Accessories

- VRTE C
- VRDE 1,5
- VRS 0.5
- Local Demand Controller Kit
- MB
- MK 100
- BSV 100
- RSK 100
- YG 100
- VK 100
- FLK 100
- FLF 100
- LDC 100



## Voltage steps

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

## TECHNICAL DATA

	7000034 CK 100 C aut tp	7000003 CK 100 C man tp
Voltage	230 V	230 V
Phase	1 ~	1 ~
Frequency	50 Hz	50 Hz
Optional frequency	60 Hz	60 Hz
Power	59 W	59 W
Current	0.26 A	0.26 A
Speed	2570 r.p.m.	2570 r.p.m.
Max. temperature of transported air	80 °C	80 °C
Sound pressure level at 3 m	42 dB(A)	42 dB(A)
Weight	2.6 kg	2.6 kg
Enclosure class	44 IP	44 IP
Insulation class, motor	F	F
Capacitor	2 µF	2 µF
Duct connection	100 mm	100 mm
Max. flow	81 l/s	81 l/s
Max. pressure	350 Pa	350 Pa
Voltage range	220-240 V	220-240 V

## SOUND DATA

	Flow (l/s)	L <sub>WA</sub> tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 230V	48	49	26	37	43	41	43	38	40	35
5. Outlet Lw dB(A) 230V	48	70	57	61	65	64	62	60	56	49
5. Inlet Lw dB(A) 230V	48	71	56	60	64	66	62	58	55	49
4. Inlet Lw dB(A) 165V	43	68	55	57	62	63	59	55	51	44
3. Inlet Lw dB(A) 135V	36	63	52	53	58	59	54	50	45	37
2. Inlet Lw dB(A) 110V	28	57	46	48	52	51	47	42	35	25
1. Inlet Lw dB(A) 80V	17	45	36	38	41	39	34	24	22	17

## DIMENSIONS

