

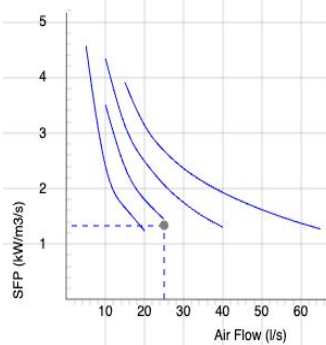
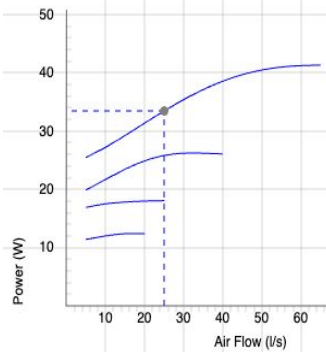
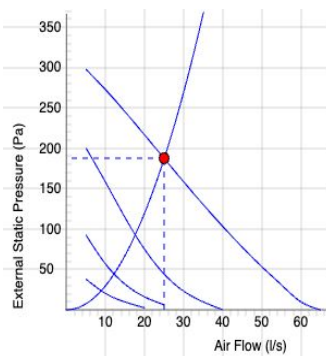


CK 100 A1

- 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
110V	135V	165V	230V

TECHNICAL DATA

	7000030 CK 100 A1 aut tc	7000001 CK 100 A1 man tc
Voltage	230 V	230 V
Phase	1 ~	1 ~
Frequency	50 Hz	50 Hz
Optional frequency	60 Hz	60 Hz
Power	41 W	41 W
Current	0.18 A	0.18 A
Speed	2040 r.p.m.	2040 r.p.m.
Max. temperature of transported air	70 °C	70 °C
Max. temperature of transported air when speed controlled	70 °C	70 °C
Sound pressure level at 3 m	37 dB(A)	37 dB(A)
Weight	2.5 kg	2.5 kg
Enclosure class	44 IP	44 IP
Insulation class, motor	F	F
Capacitor	3 µF	3 µF
Duct connection	100 mm	100 mm
Max. flow @ 0Pa	62 l/s	62 l/s
Max. pressure	319 Pa	319 Pa
Voltage range	220-240 V	220-240 V

SOUND DATA

	Flow (l/s)	L _{wa} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
4. Surrounding Lw dB(A) 230V	31	44	22	30	38	35	38	35	34	31
4. Outlet Lw dB(A) 230V	31	66	54	56	61	59	57	56	50	43
4. Inlet Lw dB(A) 230V	31	66	55	56	60	61	58	54	50	44
3. Inlet Lw dB(A) 165V	21	56	46	48	51	51	48	43	36	26
2. Inlet Lw dB(A) 135V	12	48	38	40	43	42	38	30	22	12
1. Inlet Lw dB(A) 110V	9	40	32	33	35	33	28	17	16	10

DIMENSIONS

