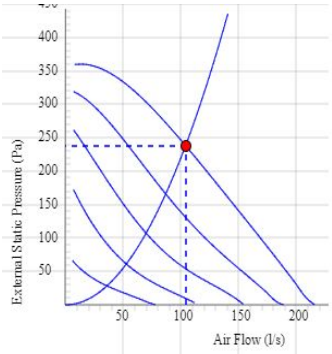
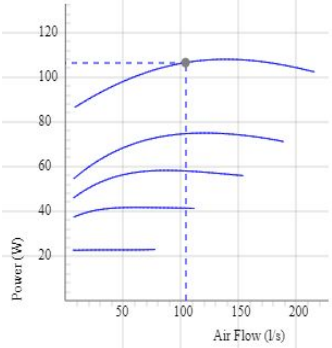
CK 160 C1

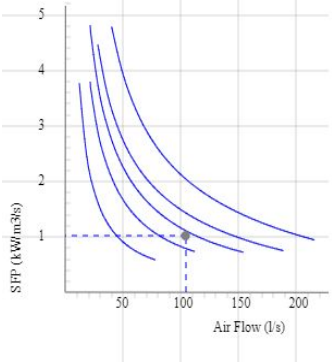
- Duct fan with circular connections.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- Operational in both 50 and 60 Hz.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy 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 1.5
- Local Demand Controller Kit
- MB
- MK 160
- BSV 160
- RSK 160
- YG 160
- VK 160
- FLK 160
- FLF 160
- LDC 160







Voltage steps

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

TECHNICAL DATA	7000011 CK 160 C1 man tp	7000050 CK 160 C1 aut tp
Voltage	230 V	230 V
Phase	1 ~	1 ~
Frequency	50 Hz	50 Hz
Optional frequency	60 Hz	60 Hz
Power	108 W	108 W
Current	0.47 A	0.47 A
Speed	2560 r.p.m.	2560 r.p.m.
Max. temperature of transported air	75 °C	75 °C
Max. temperature of transported air when speed controlled	75 °C	75 °C
Sound pressure level at 3 m	43 dB(A)	43 dB(A)
Weight	3.9 kg	3.9 kg
Enclosure class	44 IP	44 IP
Insulation class, motor	F	F
Capacitor	3 µF	3 µF
Duct connection	160 mm	160 mm
Max. flow @ 0Pa	213 l/s	213 l/s
Max. pressure	361 Pa	361 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
5. Surrounding Lw dB(A) 230V	119	50	20	35	45	43	45	36	37	28
5. Outlet Lw dB(A) 230V	119	73	55	64	66	67	65	61	60	53
5. Inlet Lw dB(A) 230V	119	74	53	63	70	70	66	62	60	53
4. Inlet Lw dB(A) 165V	100	70	50	62	65	65	61	57	54	46
3. Inlet Lw dB(A) 135V	78	65	48	58	60	59	55	51	46	36
2. Inlet Lw dB(A) 110V	61	57	41	50	53	51	47	41	36	26
1. Inlet Lw dB(A) 80V	40	48	34	45	43	40	35	26	27	21

DIMENSIONS