



# CK 160 C1 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

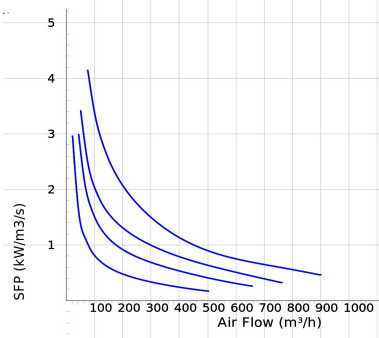
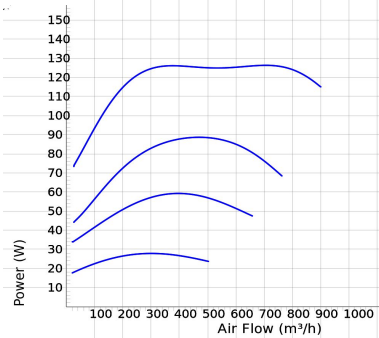
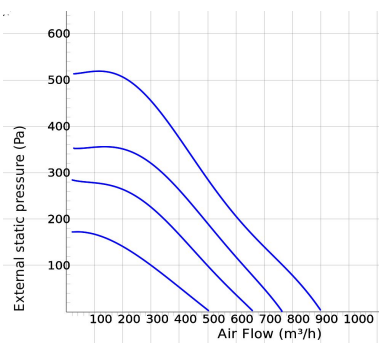
## Accessories

- Controller IQ-Reg EC
- 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

## 7001166 CK 160 C1 EC-y1

## TECHNICAL DATA

Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	126 W
Current	1.03 A
Speed	3170 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	49 dB(A)
Weight	3.4 kg
Enclosure class	44 IP
Insulation class, motor	F
Duct connection	160 mm
Max. flow	903.60253008708 m³/h
Max. pressure	526 Pa
Voltage range	200-277 V



## Voltage steps

1	2	3	4
5V	6.5V	7.5V	10V

## SOUND DATA

	Flow (m³/h)	L <sub>WA</sub> tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
4. Surrounding Lw dB(A) 10V	475	56	30	33	44	50	51	48	48	33
4. Outlet Lw dB(A) 10V	475	76	58	64	68	70	70	67	65	56
4. Inlet Lw dB(A) 10V	475	79	56	64	74	74	72	65	64	53
3. Inlet Lw dB(A) 7.5V	382	76	55	62	71	72	70	62	61	50
2. Inlet Lw dB(A) 6.5V	335	73	53	60	67	69	66	58	57	46
1. Inlet Lw dB(A) 5V	248	66	47	56	61	62	58	49	47	34

## DIMENSIONS

