



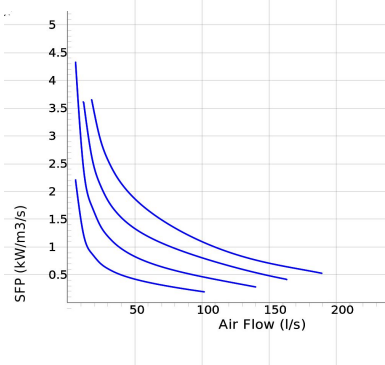
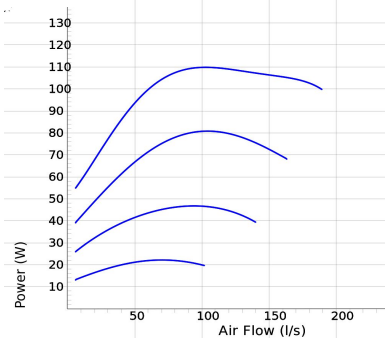
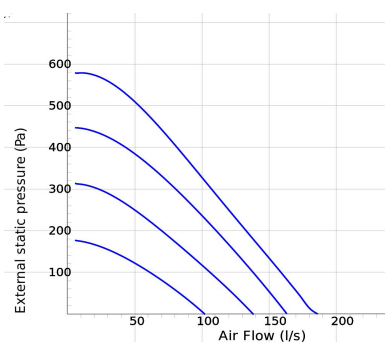
# CK 160 B EC

CK 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



### Voltage steps

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

### TECHNICAL DATA

7001103 CK 160 B EC	
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	111 W
Current	0.9 A
Speed	3570 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	40 dB(A)
Weight	2.6 kg
Enclosure class	54 IP
Insulation class, motor	F
Duct connection	160 mm
Max. flow	183 l/s
Max. pressure	576 Pa
Voltage range	220-240 V

### SOUND DATA

	Flow (l/s)	L <sub>wa</sub> tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
4. Surrounding Lw dB(A) 10V	138	48	38	30	38	40	40	42	39	32
4. Outlet Lw dB(A) 10V	138	78	59	65	69	74	69	69	67	63
4. Inlet Lw dB(A) 10V	138	75	55	64	68	71	68	64	63	60
3. Inlet Lw dB(A) 8.5V	117	73	54	62	66	69	65	62	60	57
2. Inlet Lw dB(A) 7V	100	68	51	59	61	64	60	58	56	51
1. Inlet Lw dB(A) 5V	76	62	43	53	57	56	53	51	46	40

### DIMENSIONS

