

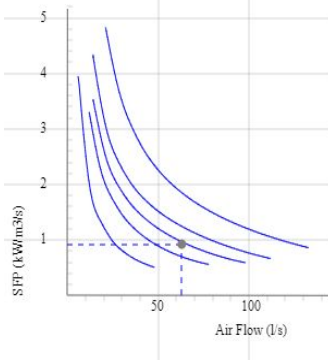
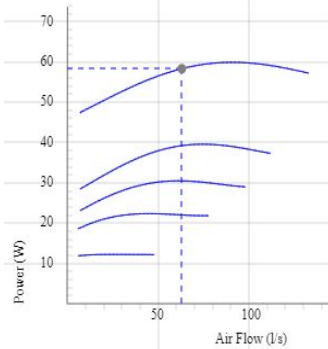
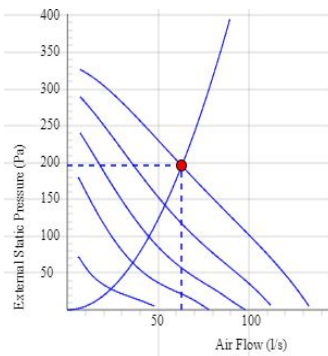


# CK 160 B1

- 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 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

	7000009 CK 160 B1 man tp	7000048 CK 160 B1 aut tp
Voltage	230 V	230 V
Phase	1 ~	1 ~
Frequency	50 Hz	50 Hz
Optional frequency	60 Hz	60 Hz
Power	60 W	60 W
Current	0.26 A	0.26 A
Speed	2490 r.p.m.	2490 r.p.m.
Max. temperature of transported air	80 °C	80 °C
Max. temperature of transported air when speed controlled	80 °C	80 °C
Sound pressure level at 3 m	39 dB(A)	39 dB(A)
Weight	2.7 kg	2.7 kg
Enclosure class	44 IP	44 IP
Insulation class, motor	F	F
Capacitor	2 µF	2 µF
Duct connection	160 mm	160 mm
Max. flow @ 0Pa	135 l/s	135 l/s
Max. pressure	332 Pa	332 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	71	46	17	25	41	37	41	37	33	30
5. Outlet Lw dB(A) 230V	71	66	48	56	60	60	58	55	54	49
5. Inlet Lw dB(A) 230V	71	66	48	56	60	60	58	56	54	51
4. Inlet Lw dB(A) 165V	60	62	44	52	57	57	54	52	49	44
3. Inlet Lw dB(A) 135V	49	58	40	50	52	52	49	47	42	36
2. Inlet Lw dB(A) 110V	40	52	37	46	47	46	43	38	33	26
1. Inlet Lw dB(A) 80V	28	42	27	37	37	35	30	22	23	21

## DIMENSIONS

