



CK 160 B

CK

- 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 B man tp	7000048 CK 160 B 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	2.9 kg	2.9 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	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 L_w dB(A) 230V	71	46	18	25	41	37	41	36	33	30
5. Outlet L_w dB(A) 230V	71	66	49	57	60	60	58	55	54	49
5. Inlet L_w dB(A) 230V	71	66	49	56	60	60	58	56	54	51
4. Inlet L_w dB(A) 165V	60	62	45	53	57	57	54	52	49	45
3. Inlet L_w dB(A) 135V	49	58	41	51	52	52	49	47	42	36
2. Inlet L_w dB(A) 110V	40	52	37	47	47	46	43	38	33	27
1. Inlet L_w dB(A) 80V	28	42	28	37	37	36	30	22	23	21

DIMENSIONS

