



CK 250 B1 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

- Speed controller MS EC
- Controller IQ-Reg EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- MB
- MK 250
- FLK 250
- FLF 250
- BSV 250
- RSK 250
- YG 250
- VK 250
- LDC 250

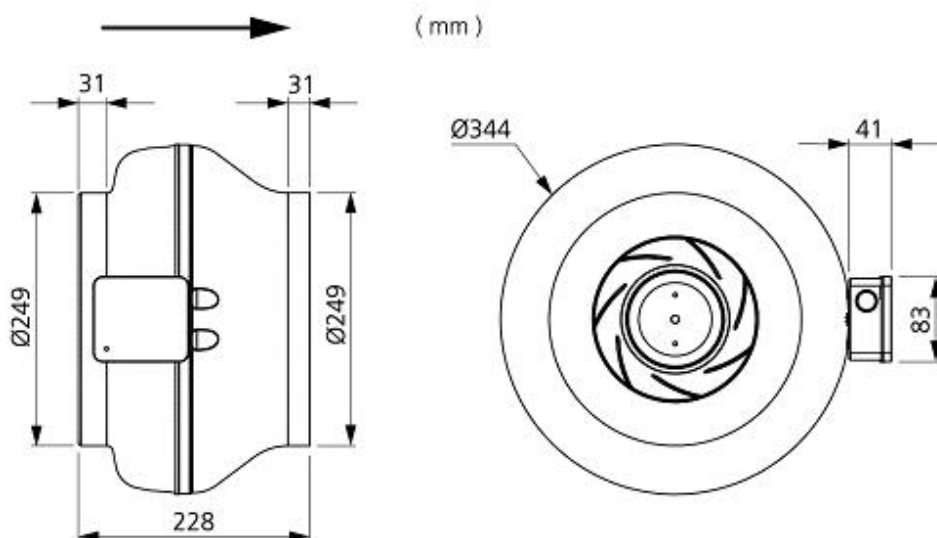
TECHNICAL DATA

7001263 CK 250 B1 EC-y2	
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	169 W
Current	1.35 A
Speed	3200 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	46 dB(A)
Weight	3.7 kg
Enclosure class	44 IP
Insulation class, motor	F
Duct connection	250 mm
Max. flow @ 0Pa	332 l/s
Max. pressure	608 Pa
Voltage range	200-277 V

SOUND DATA

	Flow (l/s)	L _{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 10V	194	53	32	25	35	48	47	46	44	32
5. Outlet Lw dB(A) 10V	194	78	56	58	67	69	73	72	69	60
5. Inlet Lw dB(A) 10V	194	76	56	60	66	69	72	69	68	60
4. Inlet Lw dB(A) 8V	179	74	54	59	64	67	69	67	65	57
3. Inlet Lw dB(A) 6V	133	67	50	53	59	60	62	60	57	48
2. Inlet Lw dB(A) 4V	89	58	43	44	51	51	53	50	42	33
1. Inlet Lw dB(A) 2V	46	39	31	32	34	32	32	24	19	10

DIMENSIONS



Voltage steps

1	2	3	4	5
2V	4V	6V	8V	10V