



LPKB 100 C1 EC

- Low profile duct fan with circular connections.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- With one connection on the inlet side.
- High capacity and efficiency with 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.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- A duct connected fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

Accessories

- Speed controller MS EC
- Controller IQ-Reg EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- MK 100
- FLK 100
- FLF 100
- BSV 100
- RSK 100
- YG 100
- VK 100
- LDC 100

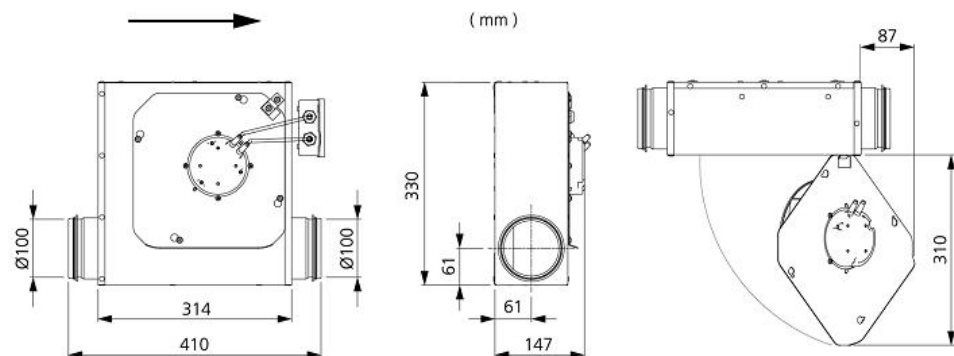
TECHNICAL DATA

7540798 LPKB 100 C1 EC-y2	
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	94 W
Current	0.76 A
Speed	3600 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	53 dB(A)
Weight	4.8 kg
Enclosure class	44 IP
Insulation class, motor	F
Duct connection	100 mm
Max. flow @ 0Pa	110 l/s
Max. pressure	645 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	70	60	44	43	54	56	51	49	43	35
5. Outlet Lw dB(A) 10V	70	79	60	67	68	76	71	69	65	59
5. Inlet Lw dB(A) 10V	70	75	57	65	66	72	65	65	60	54
4. Inlet Lw dB(A) 8V	58	70	54	62	62	67	61	61	55	47
3. Inlet Lw dB(A) 6V	42	65	49	60	55	60	54	53	46	36
2. Inlet Lw dB(A) 4V	28	55	46	48	46	50	45	42	31	17
1. Inlet Lw dB(A) 2V	10	41	29	36	33	36	25	21	7	5

DIMENSIONS



Voltage steps

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