



LPKB Silent 160 B1 EC

- Low profile duct fan with circular connections.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Equipped with a built in silencer on the inlet side for an even lower sound level.
- High capacity and efficiency.
- 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 160
- FLK 160
- FLF 160
- BSV 160
- RSK 160
- YG 160
- VK 160
- LDC 160

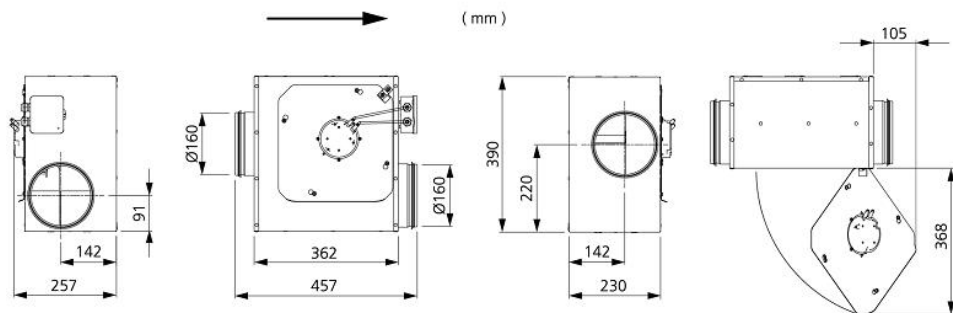
TECHNICAL DATA

Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	100 W
Current	0.8 A
Speed	3610 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	52 dB(A)
Weight	7.7 kg
Enclosure class	44 IP
Insulation class, motor	F
Duct connection	160 mm
Max. flow @ 0Pa	159 l/s
Max. pressure	646 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	102	59	40	43	51	57	50	45	39	33
5. Outlet Lw dB(A) 10V	102	80	61	65	70	77	70	70	68	60
5. Inlet Lw dB(A) 10V	102	70	57	63	67	60	56	57	55	49
4. Inlet Lw dB(A) 8V	84	66	54	59	63	56	51	52	50	43
3. Inlet Lw dB(A) 6V	62	60	50	55	57	48	43	45	42	31
2. Inlet Lw dB(A) 4V	39	52	43	47	48	39	33	33	27	15
1. Inlet Lw dB(A) 2V	19	36	30	33	29	22	11	10	4	4

DIMENSIONS



Voltage steps

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