



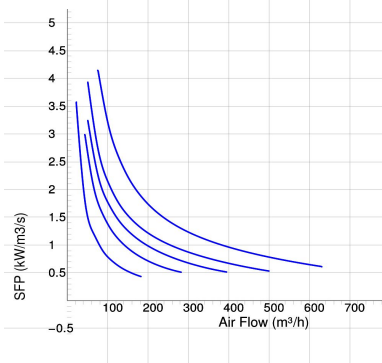
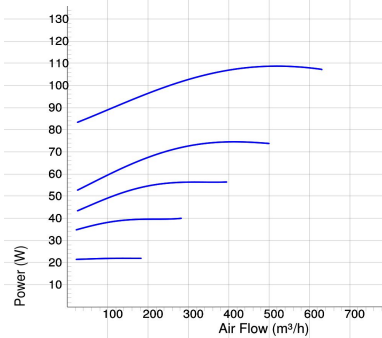
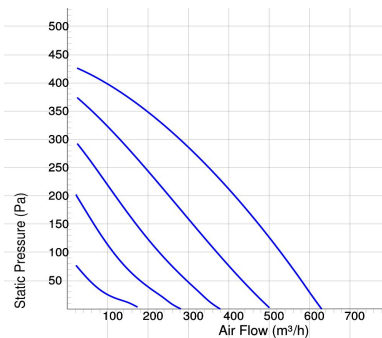
# LPKB Silent 160 C1 50/(60)Hz

## LPKB Silent

- Low profile duct fan with circular connection.
- 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.
- Integrated motor protection.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- 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.
- When duct connected the fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

## Accessories

- VRDE 1,5
- VRTE C
- VRS 0.5
- MK 160
- BSV 160
- RSK 160
- VK 160
- LDC 160



## Voltage steps

1	2	3	4	5
80V	110V	135V	165V	230V

## TECHNICAL DATA

	7540643 LPKB Silent 160 C1 aut tp	7540647 LPKB Silent 160 C1 man tp
Power 2	69 W	69 W
Speed 2	1530 r.p.m.	1530 r.p.m.
Voltage	230 V	230 V
Phase	1 ~	1 ~
Frequency	50 Hz	50 Hz
Optional frequency	60 Hz	60 Hz
Power	108 W	108 W
Current	0.47 A	0.47 A
Current 2	0.30 A	0.30 A
Speed	2520 r.p.m.	2520 r.p.m.
Max. temperature of transported air	75 °C	75 °C
Max. temperature of transported air when speed controlled	75 °C	75 °C
Sound pressure level at 3 m	51 dB(A)	51 dB(A)
Weight	7.8 kg	7.8 kg
Enclosure class	44 IP	44 IP
Insulation class, motor	F	F
Capacitor	3 µF	3 µF
Duct connection	160 mm	160 mm
Max. flow	670 m³/h	670 m³/h
Max. pressure	436 Pa	436 Pa
Voltage range	220-240 V	220-240 V

## SOUND DATA

	Flow (m³/h)	L <sub>WA</sub> tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 230V	378	58	30	40	52	55	46	43	38	30
5. Outlet Lw dB(A) 230V	378	75	58	62	67	72	66	62	63	51
5. Inlet Lw dB(A) 230V	378	66	51	60	63	58	50	47	47	35
4. Inlet Lw dB(A) 165V	302	62	47	57	59	53	45	41	41	28
3. Inlet Lw dB(A) 135V	226	58	44	53	55	47	39	35	33	19
2. Inlet Lw dB(A) 110V	169	52	38	49	48	40	31	26	22	8
1. Inlet Lw dB(A) 80V	100	43	32	41	37	30	22	13	8	5

## DIMENSIONS

