



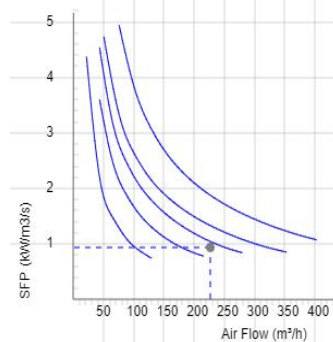
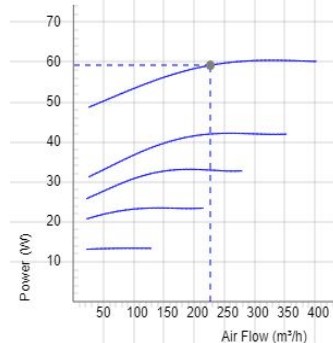
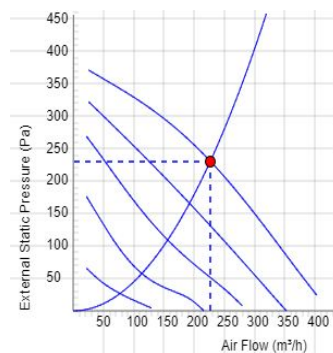
# LPKB Silent 160 B1



- 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.
- Operational in both 50 and 60 Hz.
- 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.
- A duct connected fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

**Accessories**

- VRTE 1
- VRDE 1,5
- VRS 0.5
- 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**

	7540641 LPKB Silent 160 B1 aut tp	7540645 LPKB Silent 160 B1 man tp
Voltage	230 V	230 V
Phase	1 ~	1 ~
Frequency	50 Hz	50 Hz
Optional frequency	60 Hz	60 Hz
Power	61 W	61 W
Current	0.26 A	0.26 A
Speed	2560 r.p.m.	2560 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	45 dB(A)	45 dB(A)
Weight	7.6 kg	7.6 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 @ 0Pa	435.60121968342 m³/h	435.60121968342 m³/h
Max. pressure	385 Pa	385 Pa
Voltage range	220-240 V	220-240 V

**SOUND DATA**

	Flow (m³/h)	$L_{WA}$ tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 230V	288	52	26	38	47	50	41	37	32	31
5. Outlet Lw dB(A) 230V	288	70	55	60	66	65	59	57	56	48
5. Inlet Lw dB(A) 230V	288	63	47	58	61	50	40	46	44	38
4. Inlet Lw dB(A) 165V	245	60	45	54	59	46	35	41	38	32
3. Inlet Lw dB(A) 135V	202	54	41	49	51	39	29	34	30	22
2. Inlet Lw dB(A) 110V	151	47	35	45	43	33	22	25	19	9
1. Inlet Lw dB(A) 80V	94	40	28	38	34	22	10	10	7	5

**DIMENSIONS**
