

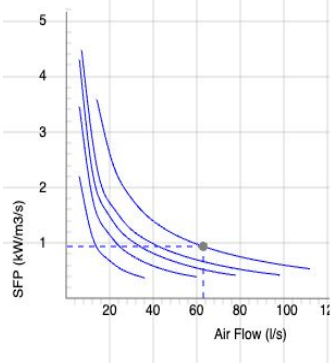
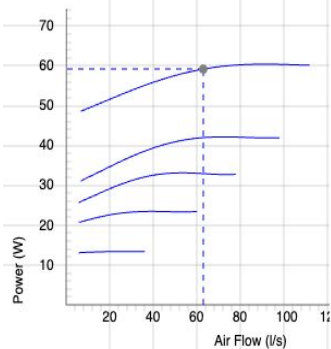
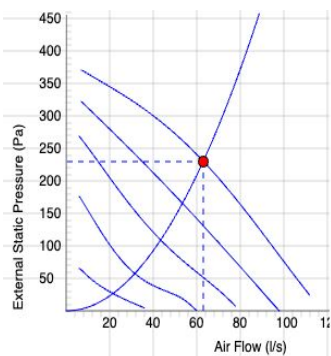


LPKB Silent 160 B1

- 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 tc	7540645 LPKB Silent 160 B1 man tc
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	70 °C	70 °C
Max. temperature of transported air when speed controlled	70 °C	70 °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	121 l/s	121 l/s
Max. pressure	385 Pa	385 Pa
Voltage range	220-240 V	220-240 V

SOUND DATA

	Flow (l/s)	L_{wA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding L_w dB(A) 230V	80	52	26	38	47	50	41	37	32	31
5. Outlet L_w dB(A) 230V	80	70	55	60	66	65	59	57	56	48
5. Inlet L_w dB(A) 230V	80	63	47	58	61	50	40	46	44	38
4. Inlet L_w dB(A) 165V	68	60	45	54	59	46	35	41	38	32
3. Inlet L_w dB(A) 135V	56	54	41	49	51	39	29	34	30	22
2. Inlet L_w dB(A) 110V	42	47	35	45	43	33	22	25	19	9
1. Inlet L_w dB(A) 80V	26	40	28	38	34	22	10	10	7	5

DIMENSIONS

