

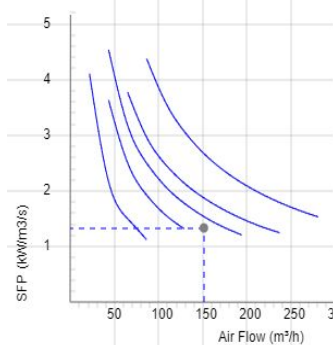
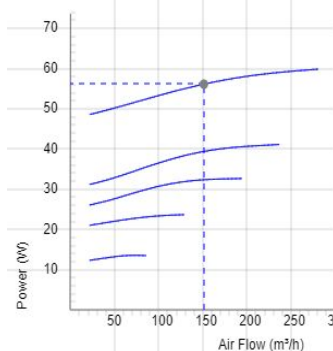
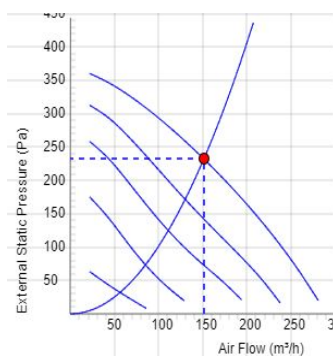
LPKB Silent 100 C1



- 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.
- To comply with the ErP 2018 regulation, a local demand controller must be used.

Accessories

- VRTE C
- VRDE 1,5
- VRS 0.5
- Local Demand Controller Kit
- MK 100
- BSV 100
- RSK 100
- YG 100
- VK 100
- FLK 100
- FLF 100
- LDC 100


Voltage steps

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

TECHNICAL DATA

	7540603 LPKB Silent 100 C1 aut tp	7540606 LPKB Silent 100 C1 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	48 dB(A)	48 dB(A)
Weight	5.9 kg	5.9 kg
Enclosure class	44 IP	44 IP
Insulation class, motor	F	F
Capacitor	2 µF	2 µF
Duct connection	100 mm mm	100 mm mm
Max. flow @ 0Pa	291.60081648229 m³/h	291.60081648229 m³/h
Max. pressure	368 Pa	368 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	234	55	31	40	49	53	44	40	33	31
5. Outlet Lw dB(A) 230V	234	72	58	61	64	68	65	62	55	49
5. Inlet Lw dB(A) 230V	234	63	50	58	60	50	43	40	40	31
4. Inlet Lw dB(A) 165V	194	60	47	56	56	46	39	36	35	26
3. Inlet Lw dB(A) 135V	169	56	45	52	53	42	33	30	28	18
2. Inlet Lw dB(A) 110V	119	49	41	45	44	35	25	21	18	8
1. Inlet Lw dB(A) 80V	83	40	32	36	35	24	14	9	10	6

DIMENSIONS
