



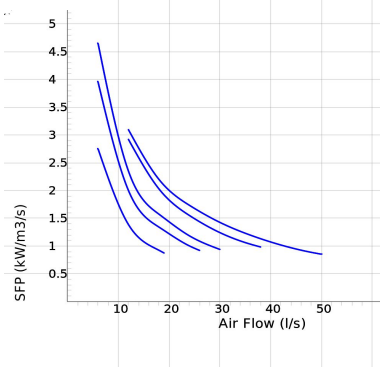
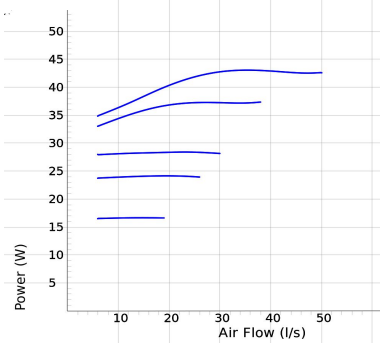
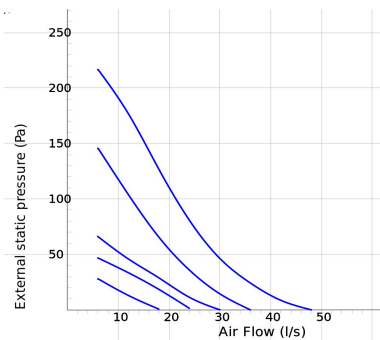
LPKB 100 A1

LPKB

- Low profile duct fan with circular connections.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- With one connection on the inlet side.
- High capacity and efficiency with low sound levels.
- 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
135V	165V	180V	210V	230V

TECHNICAL DATA

	7540213 LPKB 100 A1 man tp	7540210 LPKB 100 A1 aut tp
Voltage	230 V	230 V
Phase	1 ~	1 ~
Frequency	50 Hz	50 Hz
Power	43 W	43 W
Current	0.2 A	0.2 A
Speed	1410 r.p.m.	1410 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	34 dB(A)	34 dB(A)
Weight	5 kg	5 kg
Enclosure class	44 IP	44 IP
Insulation class, motor	F	F
Capacitor	1 µF	1 µF
Duct connection	100 mm	100 mm
Max. flow	45 l/s	45 l/s
Max. pressure	227 Pa	227 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 Lw dB(A) 230V	23	41	25	29	35	36	31	29	28	29
5. Outlet Lw dB(A) 230V	23	56	47	50	52	49	47	41	33	26
5. Inlet Lw dB(A) 230V	23	54	41	49	47	50	44	40	31	23
4. Inlet Lw dB(A) 210V	19	49	37	45	41	45	39	32	21	18
3. Inlet Lw dB(A) 180V	15	43	32	38	36	39	32	22	10	13
2. Inlet Lw dB(A) 165V	13	41	29	35	34	36	29	17	7	11
1. Inlet Lw dB(A) 135V	9	34	24	26	32	28	18	7	5	8

DIMENSIONS

