



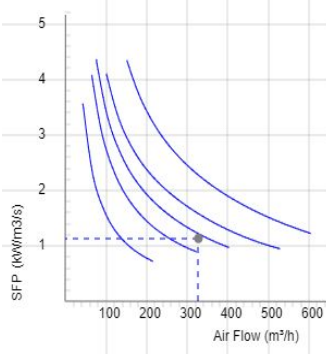
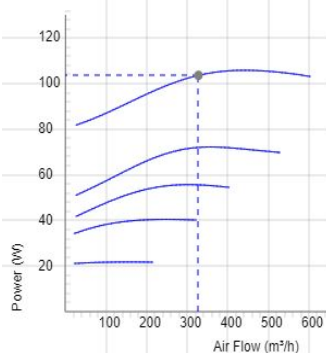
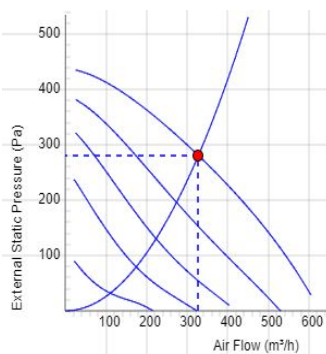
LPKB 160 C1



- 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.
- 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 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

	7540253 LPKB 160 C1 aut tp	7540257 LPKB 160 C1 man tp
Voltage	230 V	230 V
Phase	1 ~	1 ~
Frequency	50 Hz	50 Hz
Power	106 W	106 W
Current	0.46 A	0.46 A
Speed	2560 r.p.m.	2560 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	7.0 kg	7.0 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 @ 0Pa	626.40175392491 m³/h	626.40175392491 m³/h
Max. pressure	440 Pa	440 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	414	58	33	43	53	56	48	44	40	32
5. Outlet Lw dB(A) 230V	414	76	58	61	68	74	66	63	63	50
5. Inlet Lw dB(A) 230V	414	74	52	61	69	71	64	56	57	46
4. Inlet Lw dB(A) 165V	313	70	49	57	65	66	59	51	51	39
3. Inlet Lw dB(A) 135V	248	64	46	54	61	59	53	45	43	30
2. Inlet Lw dB(A) 110V	191	58	41	50	55	53	47	37	33	18
1. Inlet Lw dB(A) 80V	126	47	35	41	41	43	38	23	15	9

DIMENSIONS

