

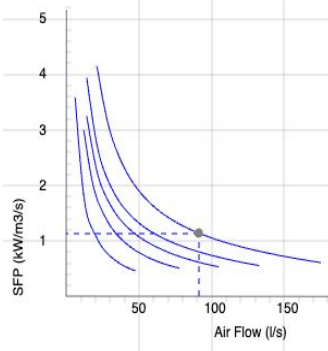
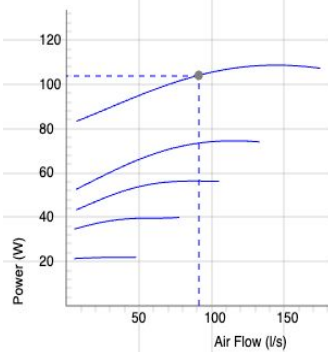
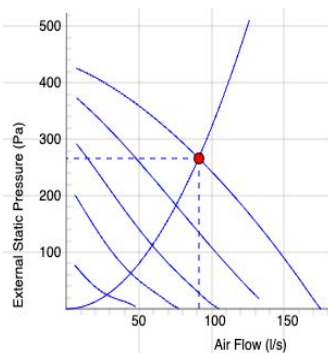


LPKB Silent 160 C1

- 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 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

	7540643 LPKB Silent 160 C1 aut tc	7540647 LPKB Silent 160 C1 man tc
Voltage	230 V	230 V
Phase	1 ~	1 ~
Frequency	50 Hz	50 Hz
Optional frequency	60 Hz	60 Hz
Power	108 W	108 W
Current	0.47 A	0.47 A
Speed	2520 r.p.m.	2520 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	51 dB(A)	51 dB(A)
Weight	7.8 kg	7.8 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	186 l/s	186 l/s
Max. pressure	436 Pa	436 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	105	58	30	40	53	55	46	44	38	31
5. Outlet Lw dB(A) 230V	105	75	58	62	67	73	66	63	63	51
5. Inlet Lw dB(A) 230V	105	66	51	60	64	58	50	47	48	36
4. Inlet Lw dB(A) 165V	84	62	47	57	60	53	45	42	41	28
3. Inlet Lw dB(A) 135V	63	58	43	53	55	47	39	35	33	19
2. Inlet Lw dB(A) 110V	47	52	38	49	48	40	32	26	22	8
1. Inlet Lw dB(A) 80V	28	43	32	41	37	30	22	13	8	5

DIMENSIONS

