



# LPKB 160 B1 EC



- 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 and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Integrated motor protection.
- Junction box has enclosure class IP 54.
- 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

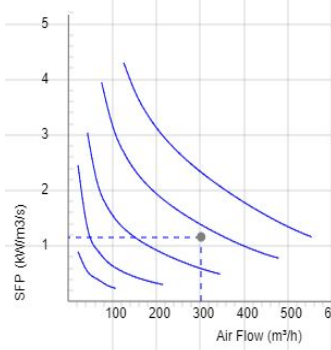
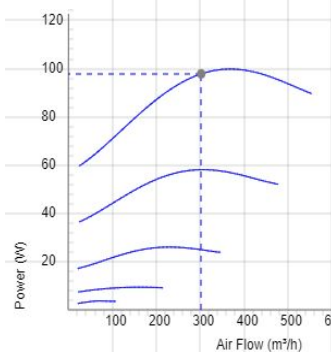
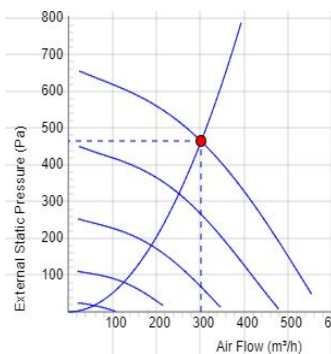
- Speed controller MS EC
- Controller IQ-Reg EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- MK 160
- FLK 160
- FLF 160
- BSV 160
- RSK 160
- YG 160
- VK 160
- LDC 160

### TECHNICAL DATA

Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	100 W
Current	0.81 A
Speed	3630 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	53 dB(A)
Weight	6.5 kg
Enclosure class	44 IP
Insulation class, motor	F
Duct connection	160 mm
Max. flow @ 0Pa	579.60162288454 m³/h
Max. pressure	668 Pa
Voltage range	200-277 V

### SOUND DATA

	Flow (m³/h)	L <sub>WA</sub> tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 10V	378	60	36	44	53	58	51	49	43	35
5. Outlet Lw dB(A) 10V	378	80	63	66	70	78	68	70	66	59
5. Inlet Lw dB(A) 10V	378	76	60	66	69	71	67	65	63	54
4. Inlet Lw dB(A) 8V	313	72	56	64	66	67	62	59	57	47
3. Inlet Lw dB(A) 6V	230	66	50	59	61	60	55	52	49	35
2. Inlet Lw dB(A) 4V	148	56	49	48	51	50	44	41	34	17
1. Inlet Lw dB(A) 2V	72	41	29	37	36	33	23	17	9	6



### Voltage steps

1	2	3	4	5
2V	4V	6V	8V	10V

### DIMENSIONS

