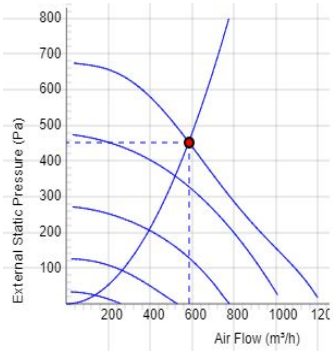
LPKB Silent 250 D1 EC

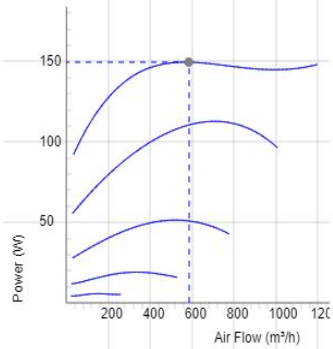
ÖSTBERG

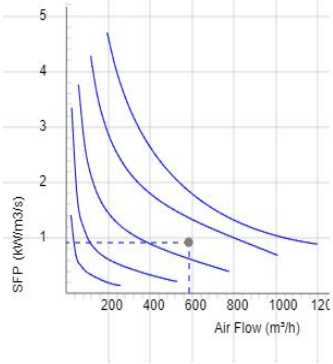
- Low profile duct fan with circular connections.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Equipped with a built in silencer on the inlet side for an even lower sound level.
- High capacity and efficiency.
- Impeller with backward curved blades.
- The 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 250
- FLK 250
- FLF 250
- BSV 250
- RSK 250
- YG 250
- VK 250
- LDC 250







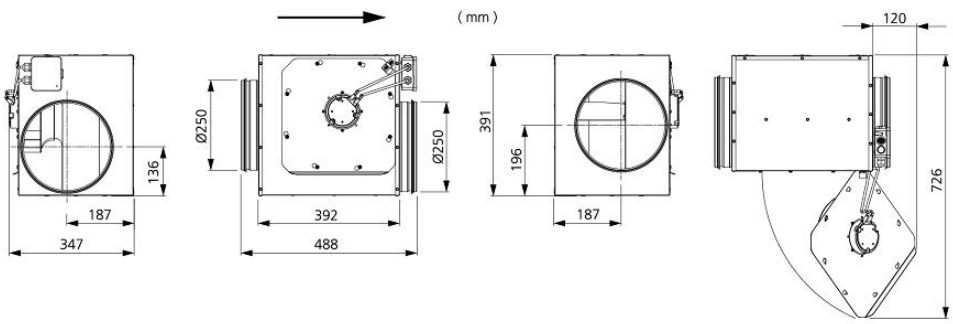
TECHNICAL DATA

7540823
LPKB Silent 250 D1 EC-y2

Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	148 W
Current	1.21 A
Speed	2920 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	47 dB(A)
Weight	6.4 kg
Enclosure class	44 IP
Insulation class, motor	F
Duct connection	250 mm
Max. flow @ 0Pa	1213.2033969695 m³/h
Max. pressure	681 Pa
Voltage range	200-277 V

SOUND DATA	Flow (m³/h)	L_{wA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 10V	716	54	31	37	51	49	43	42	35	29
5. Outlet Lw dB(A) 10V	716	75	57	59	69	69	66	69	62	52
5. Inlet Lw dB(A) 10V	716	66	57	55	63	52	53	57	52	43
4. Inlet Lw dB(A) 8V	637	64	53	54	61	49	50	55	49	40
3. Inlet Lw dB(A) 6V	482	61	48	49	60	44	43	47	39	30
2. Inlet Lw dB(A) 4V	317	50	40	48	44	34	33	35	24	15
1. Inlet Lw dB(A) 2V	162	35	32	28	28	18	12	12	10	9

DIMENSIONS



Voltage steps

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