

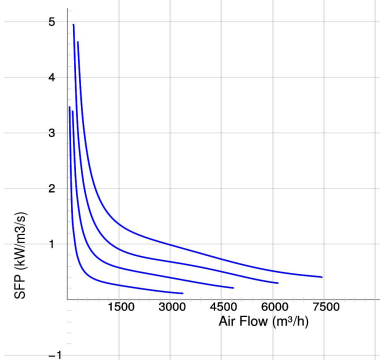
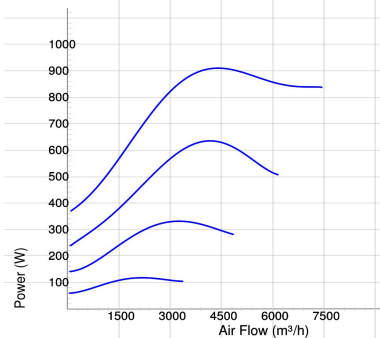
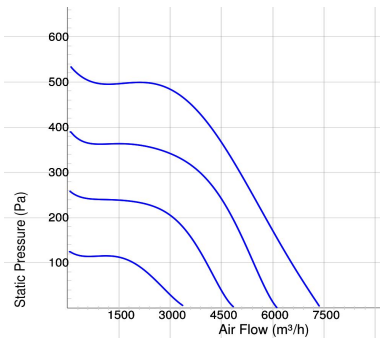
# BFS 600x600 B1 EC

## Boxfan BFS EC

- Duct fan with square connections.
- High capacity and very good 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.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

## Accessories

- Speed controller MS EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- MB Universal



## Voltage steps

1	2	3	4
5V	7V	8V	10V

## TECHNICAL DATA

7460022 BFS 600x600 B1 EC	
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	905 W
Current	4.04 A
Speed	1650 r.p.m.
Max. temperature of transported air	40 °C
Sound pressure level at 3 m	53 dB(A)
Weight	27.9 kg
Enclosure class	54 IP
Insulation class, motor	F
Duct connection	600x600 mm
Max. flow	7394 m³/h
Max. pressure	539 Pa
Voltage range	220-277 V

## SOUND DATA

	Flow (m³/h)	L <sub>WA</sub> tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
4. Surrounding Lw dB(A) 10V	4147	61	43	43	54	56	53	52	49	40
4. Outlet Lw dB(A) 10V	4532	88	74	78	83	82	79	79	76	68
4. Inlet Lw dB(A) 10V	4532	83	61	70	78	73	76	75	73	65
3. Inlet Lw dB(A) 8V	4082	79	58	71	71	69	73	72	69	62
2. Inlet Lw dB(A) 7V	3359	74	54	69	64	64	68	67	63	55
1. Inlet Lw dB(A) 5V	2200	66	49	62	57	56	59	57	52	42

## DIMENSIONS

