

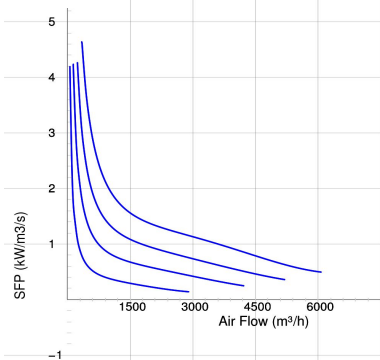
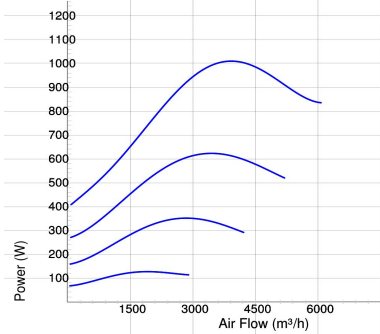
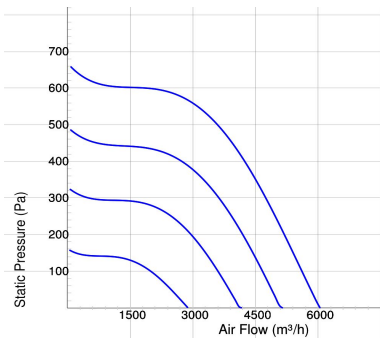
# BFS 500x500 D1 EC

## 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

7460020 BFS 500x500 D1 EC	
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	1020 W
Current	4.72 A
Speed	2100 r.p.m.
Max. temperature of transported air	55 °C
Sound pressure level at 3 m	55 dB(A)
Weight	18.5 kg
Enclosure class	54 IP
Insulation class, motor	F
Duct connection	500x500 mm
Max. flow	6041 m³/h
Max. pressure	663 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
4. Surrounding Lw dB(A) 10V	3784	62	44	49	57	57	55	53	49	43
4. Outlet Lw dB(A) 10V	3784	82	71	72	73	71	75	76	73	70
4. Inlet Lw dB(A) 10V	3784	81	63	68	72	72	73	76	73	69
3. Inlet Lw dB(A) 8V	3236	77	59	64	70	69	69	71	69	64
2. Inlet Lw dB(A) 7V	2621	72	54	62	63	63	64	66	63	58
1. Inlet Lw dB(A) 5V	1764	63	46	53	54	55	56	57	53	46

## DIMENSIONS

