

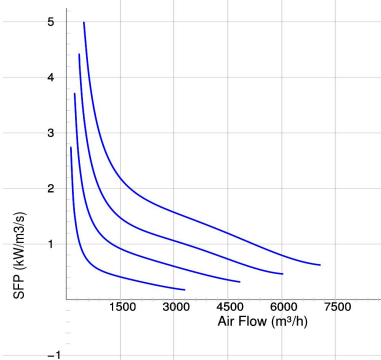
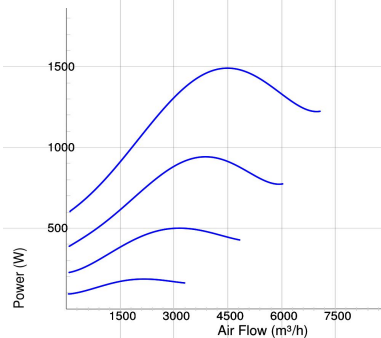
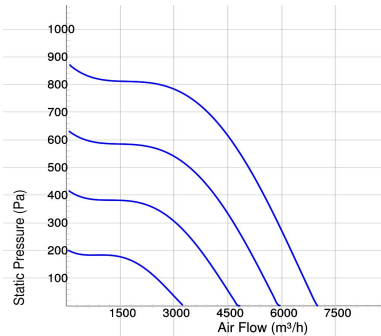
# BFS 500x500 D3 EC

## 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

7460021 BFS 500x500 D3 EC	
Voltage	400 V
Phase	3 -
Frequency	50/60 Hz
Power	1520 W
Current	2.35 A
Speed	2430 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	59 dB(A)
Weight	18.5 kg
Enclosure class	54 IP
Insulation class, motor	F
Duct connection	500x500 mm
Max. flow	6980 m³/h
Max. pressure	877 Pa
Voltage range	380-480 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	4709	66	46	51	63	60	58	56	50	44
4. Outlet Lw dB(A) 10V	4709	87	76	77	77	75	79	81	77	74
4. Inlet Lw dB(A) 10V	4709	84	67	70	77	75	76	79	76	74
3. Inlet Lw dB(A) 8V	3866	81	64	67	72	72	73	76	72	69
2. Inlet Lw dB(A) 7V	3280	76	59	63	70	67	67	69	67	62
1. Inlet Lw dB(A) 5V	2300	67	49	57	58	58	59	61	57	50

## DIMENSIONS

