

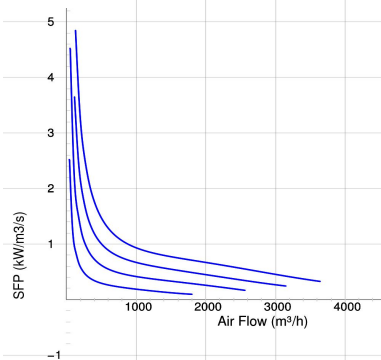
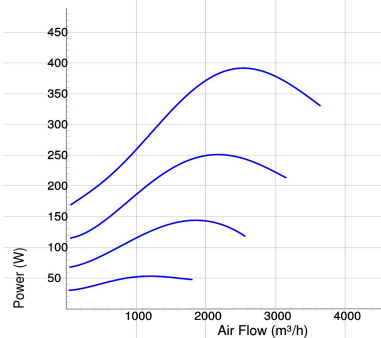
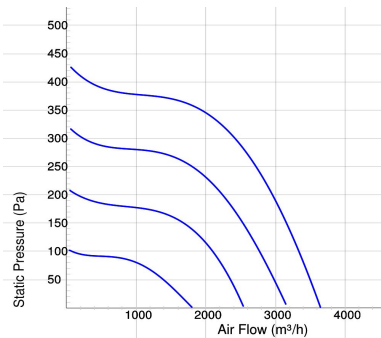
BFS 450x450 C1 EC

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

7460018 BFS 450x450 C1 EC	
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	400 W
Current	1.77 A
Speed	1880 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	48 dB(A)
Weight	13.5 kg
Enclosure class	54 IP
Insulation class, motor	F
Duct connection	450x450 mm
Max. flow	3650 m³/h
Max. pressure	430 Pa
Voltage range	200-277 V

SOUND DATA

	Flow (m³/h)	L _{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
4. Surrounding Lw dB(A) 10V	2578	55	39	40	49	50	49	45	40	35
4. Outlet Lw dB(A) 10V	2578	78	67	65	73	68	70	71	66	64
4. Inlet Lw dB(A) 10V	2578	74	59	60	68	67	65	68	64	61
3. Inlet Lw dB(A) 8V	2189	70	54	57	63	64	61	64	60	57
2. Inlet Lw dB(A) 7V	1836	65	49	55	57	59	56	59	56	50
1. Inlet Lw dB(A) 5V	1238	57	41	49	50	50	48	50	50	37

DIMENSIONS

