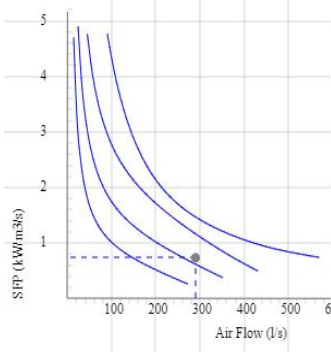
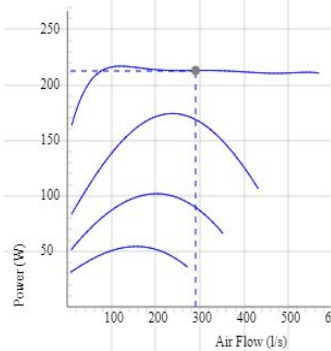
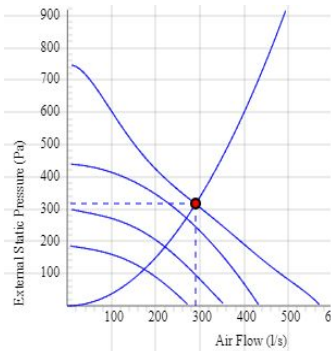


BFS 400x400 B1 EC

- 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.
- A duct connected fan can be installed outside or in damp environments.
- Easy installation in any position.

Accessories

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



TECHNICAL DATA

7460017
BFS 400x400 B1 EC

Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	217 W
Current	0.97 A
Speed	2370 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	50 dB(A)
Weight	11.5 kg
Enclosure class	54 IP
Insulation class, motor	F
Capacitor	- µF
Duct connection	400x400 mm
Max. flow @ 0Pa	573 l/s
Max. pressure	755 Pa
Voltage range	200-277 V

SOUND DATA

	Flow (l/s)	L _{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
4. Surrounding Lw dB(A) 10V	306	57	30	47	47	55	48	48	43	37
4. Outlet Lw dB(A) 10V	347	78	52	58	60	69	69	75	69	64
4. Inlet Lw dB(A) 10V	347	74	48	55	58	69	65	70	65	62
3. Inlet Lw dB(A) 8V	316	73	47	54	58	66	66	68	63	60
2. Inlet Lw dB(A) 6.5V	255	67	43	50	59	59	58	63	58	54
1. Inlet Lw dB(A) 5V	202	62	37	45	58	53	54	56	52	46

Voltage steps

1	2	3	4
5V	6.5V	8V	10V