



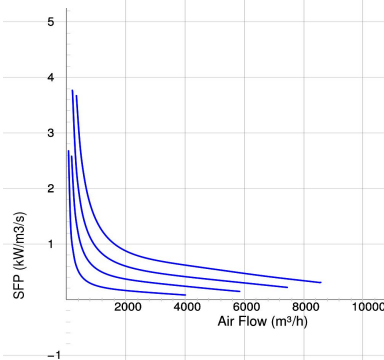
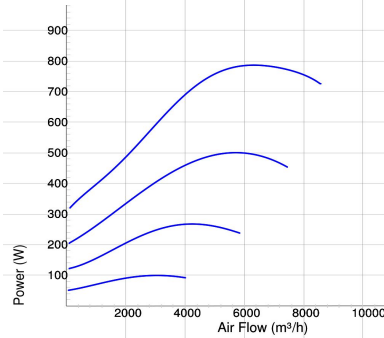
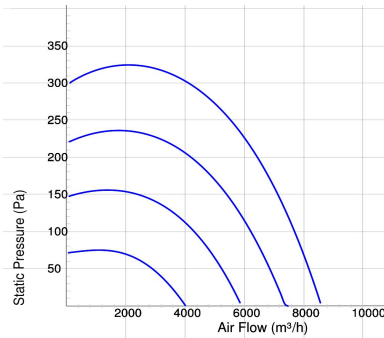
# BFC 500 B1 EC

## Boxfan BFC EC

- Duct fan with circular 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
- MK 500
- BSV 500



## Voltage steps

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

## TECHNICAL DATA

7460425 BFC 500 B1 EC	
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	784 W
Current	3.62 A
Speed	1120 r.p.m.
Max. temperature of transported air	55 °C
Sound pressure level at 3 m	50 dB(A)
Weight	58.9 kg
Enclosure class	54 IP
Insulation class, motor	F
Duct connection	500 mm
Max. flow	8597 m³/h
Max. pressure	326 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	6318	57	37	46	53	50	50	44	39	34
4. Outlet Lw dB(A) 10V	6318	83	72	74	70	72	79	75	69	65
4. Inlet Lw dB(A) 10V	6318	78	62	69	68	69	71	71	66	61
3. Inlet Lw dB(A) 8V	5393	73	57	65	64	65	67	67	62	55
2. Inlet Lw dB(A) 7V	4367	68	53	61	60	60	62	61	58	46
1. Inlet Lw dB(A) 5V	3121	60	49	49	50	52	54	54	46	33

## DIMENSIONS

