



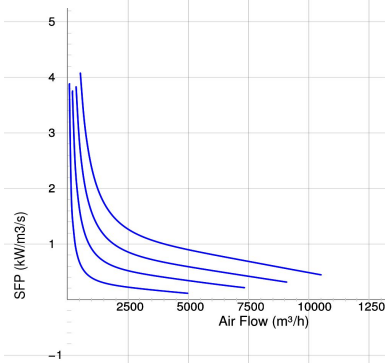
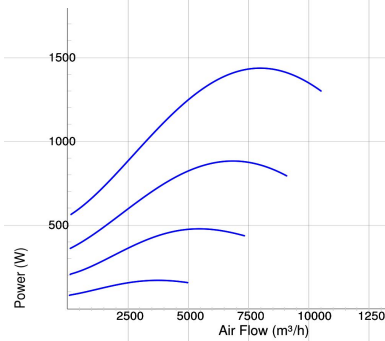
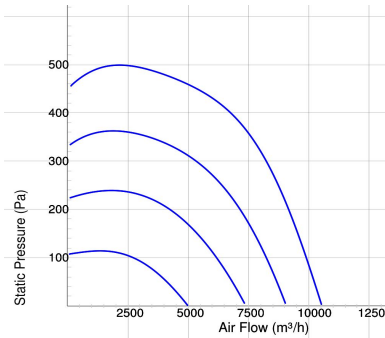
# BFC 500 B3 EC

## 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

7460426 BFC 500 B3 EC	
Voltage	400 V
Phase	3 ~
Frequency	50/60 Hz
Power	1450 W
Current	2.24 A
Speed	1380 r.p.m.
Max. temperature of transported air	40 °C
Sound pressure level at 3 m	54 dB(A)
Weight	51.2 kg
Enclosure class	54 IP
Insulation class, motor	F
Duct connection	500 mm
Max. flow	10541 m³/h
Max. pressure	499 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	7546	61	43	47	58	55	53	48	44	39
4. Outlet Lw dB(A) 10V	7546	88	74	76	75	78	85	81	78	71
4. Inlet Lw dB(A) 10V	7546	83	66	73	74	74	77	76	72	66
3. Inlet Lw dB(A) 8V	5972	78	61	69	69	70	72	71	68	61
2. Inlet Lw dB(A) 7V	4990	72	56	64	63	64	66	65	62	53
1. Inlet Lw dB(A) 5V	3542	63	50	53	54	55	58	55	53	39

## DIMENSIONS

