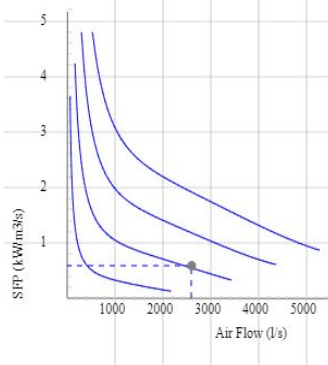
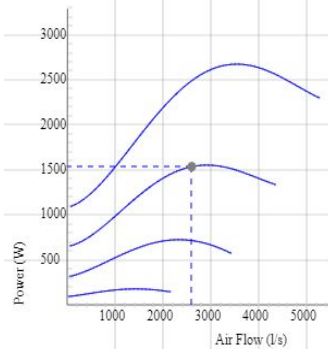
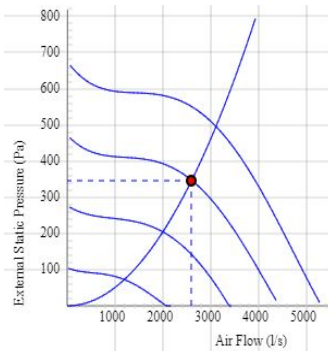


# BFS 850x850 D3 EC

- 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

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



## Voltage steps

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

## TECHNICAL DATA

7460033 BFS 850x850 D3 EC	
Voltage	400 V
Phase	3 ~
Frequency	50/60 Hz
Power	2740 W
Current	4.17 A
Speed	1200 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	60 dB(A)
Weight	60.7 kg
Enclosure class	54 IP
Insulation class, motor	F
Duct connection	850x850 mm
Max. flow @ 0Pa	5309 l/s
Max. pressure	664 Pa
Voltage range	380-480 V

## SOUND DATA

	Flow (l/s)	L <sub>wa</sub> tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
4. Surrounding Lw dB(A) 10V	2925	67	49	56	64	62	58	53	48	41
4. Outlet Lw dB(A) 10V	2925	91	79	83	83	83	84	81	77	69
4. Inlet Lw dB(A) 10V	2925	87	72	77	79	78	82	81	77	71
3. Inlet Lw dB(A) 8V	2476	82	68	72	72	72	77	76	72	65
2. Inlet Lw dB(A) 7V	1991	76	61	66	68	66	71	69	64	56
1. Inlet Lw dB(A) 5V	1228	62	49	52	53	51	58	55	48	38

## DIMENSIONS

