

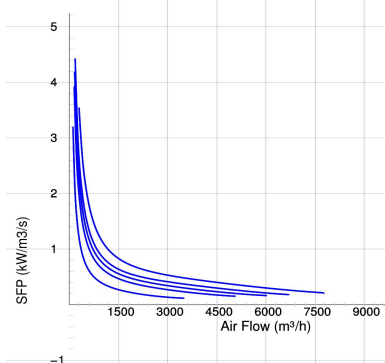
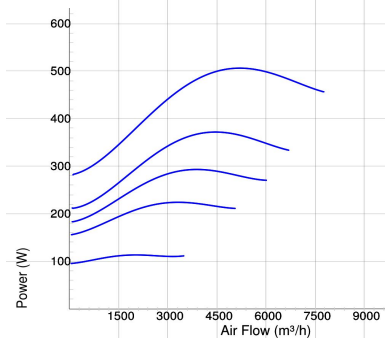
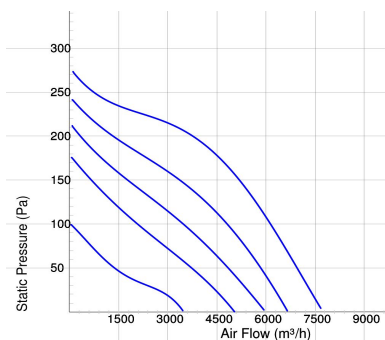
# BFS 700x700 B3 ErP 50/(60)Hz

Boxfan BFS

- 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.
- Integrated motor protection.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electric speed controller can be connected.
- 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

- VRTT 2
- VRDT 2
- MB Universal



## Voltage steps

1	2	3	4	5
95V	145V	185V	240V	400V

## TECHNICAL DATA

Voltage	400 V
Voltage Delta	230 V
Phase	3 ~
Frequency	50 Hz
Power	502 W
Current	1.32 A
Current Delta	2.30 A
Speed	920 r.p.m.
Max. temperature of transported air	60 °C
Max. temperature of transported air when speed controlled	60 °C
Sound pressure level at 3 m	47 dB(A)
Weight	41.7 kg
Enclosure class	54 IP
Insulation class, motor	F
Duct connection	700x700 mm
Max. flow	7740 m³/h
Max. pressure	277 Pa
Voltage range	380-415 V

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BFS 700x700 B3 ErP

## SOUND DATA

	Flow (m³/h)	$L_{WA}$ tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 400V	4259	54	35	46	52	44	45	37	34	29
5. Outlet Lw dB(A) 400V	4615	76	62	70	67	67	71	68	61	51
5. Inlet Lw dB(A) 400V	4615	72	56	66	63	64	65	62	58	49
4. Inlet Lw dB(A) 240V	4111	69	54	65	59	60	61	58	54	44
3. Inlet Lw dB(A) 185V	3704	64	56	57	55	57	57	54	51	39
2. Inlet Lw dB(A) 145V	3312	59	51	52	50	52	53	50	45	33
1. Inlet Lw dB(A) 95V	2358	53	50	43	40	42	42	43	30	21

## DIMENSIONS

