



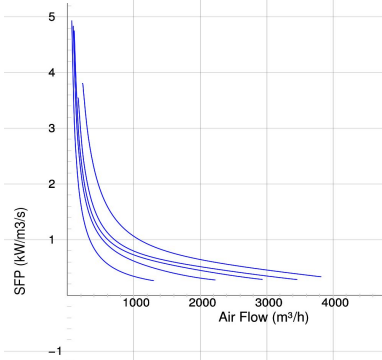
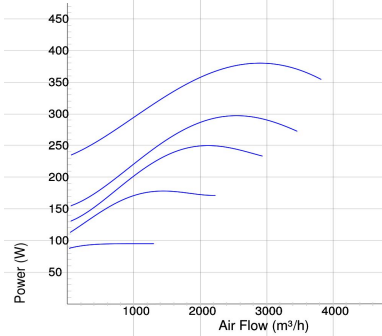
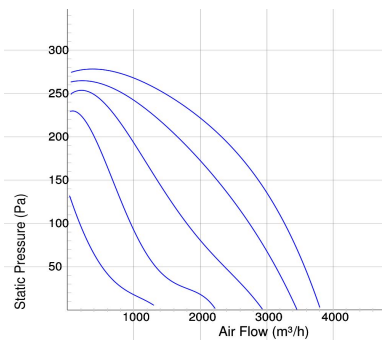
# BFC 355 D1 ErP 50/(60)Hz

## Boxfan BFC

- 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.
- 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

- VRTE 3
- VRDE 3
- BSV 355



## Voltage steps

1	2	3	4	5
80V	110V	135V	165V	230V

## TECHNICAL DATA

**7460402**  
**BFC 355 D1**

Voltage	230 V
Phase	1 ~
Frequency	50 Hz
Power	379 W
Current	1.92 A
Current when speed controlled	2.13 A
Speed	1380 r.p.m.
Max. temperature of transported air	65 °C
Max. temperature of transported air when speed controlled	65 °C
Sound pressure level at 3 m	47 dB(A)
Weight	24.1 kg
Enclosure class	54 IP
Insulation class, motor	F
Capacitor	10 µF
Duct connection	355 mm
Max. flow	3812 m³/h
Max. pressure	282 Pa
Voltage range	220-240 V

## SOUND DATA

	Flow (m³/h)	L <sub>WA</sub> tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 230V	2272	55	34	46	51	49	43	41	38	31
5. Outlet Lw dB(A) 230V	2272	73	62	64	66	61	65	66	63	58
5. Inlet Lw dB(A) 230V	2272	71	55	61	63	62	63	66	62	56
4. Inlet Lw dB(A) 165V	2066	68	53	58	59	59	60	63	59	53
3. Inlet Lw dB(A) 135V	1696	63	49	56	54	54	56	58	53	45
2. Inlet Lw dB(A) 110V	1274	58	45	55	47	47	49	49	42	34
1. Inlet Lw dB(A) 80V	727	52	37	52	37	38	38	35	27	18

## DIMENSIONS

