



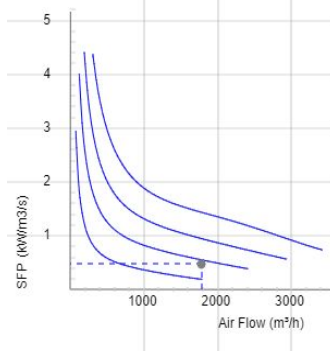
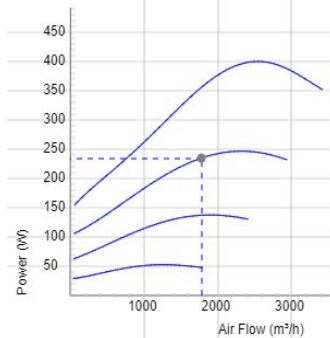
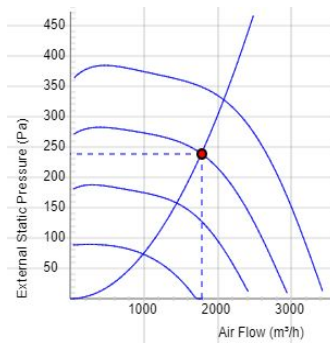
# BFC 315 C1 EC



- 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.
- Duct connections are equipped with rubber seals.
- 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
- MK 315
- BSV 315
- RSK 315
- YG 315
- VK 315
- FLK 315
- FLF 315
- LDC 315



### Voltage steps

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

### TECHNICAL DATA

	7460445 BFC 315 C1 EC-V1	7460417 BFC 315 C1 EC
Voltage	230 V	230 V
Phase	1 ~	1 ~
Frequency	50/60 Hz	50/60 Hz
Power	408 W	408 W
Current	1.81 A	1.81 A
Speed	1880 r.p.m.	1880 r.p.m.
Max. temperature of transported air	55 °C	55 °C
Sound pressure level at 3 m	48 dB(A)	48 dB(A)
Weight	17.5 kg	17.5 kg
Enclosure class	54 IP	54 IP
Insulation class, motor	F	F
Duct connection	315 mm	315 mm
Max. flow @ 0Pa	3463.2096969872 m³/h	3463.2096969872 m³/h
Max. pressure	385 Pa	385 Pa
Voltage range	220-277 V	220-277 V

### SOUND DATA

	Flow (m³/h)	$L_{WA}$ tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
4. Surrounding $L_w$ dB(A) 10V	2578	55	38	39	49	50	49	45	40	35
4. Outlet $L_w$ dB(A) 10V	2578	78	66	64	73	68	70	72	67	64
4. Inlet $L_w$ dB(A) 10V	2578	74	58	59	68	67	65	68	65	61
3. Inlet $L_w$ dB(A) 8V	2189	70	53	57	63	64	61	64	60	57
2. Inlet $L_w$ dB(A) 7V	1836	65	48	55	57	59	56	59	56	50
1. Inlet $L_w$ dB(A) 5V	1238	57	40	48	50	50	48	50	50	37

### DIMENSIONS

