

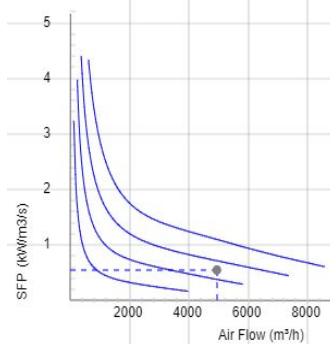
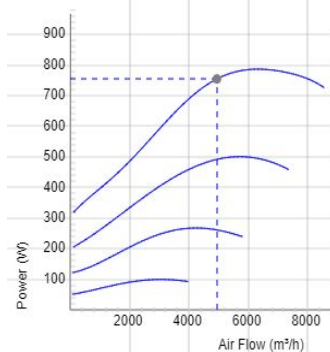
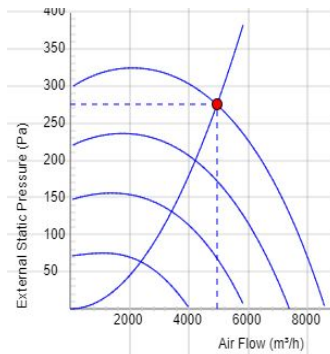
BFC 500 B1 EC



- 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 500
- BSV 500
- RSK 500
- VK 500



Voltage steps

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

TECHNICAL DATA

	7460451 BFC 500 B1 EC-v1	7460425 BFC 500 B1 EC
Voltage	230 V	230 V
Phase	1 ~	1 ~
Frequency	50/60 Hz	50/60 Hz
Power	784 W	784 W
Current	3.62 A	3.62 A
Speed	1120 r.p.m.	1120 r.p.m.
Max. temperature of transported air	55 °C	55 °C
Sound pressure level at 3 m	50 dB(A)	50 dB(A)
Weight	58.9 kg	58.9 kg
Enclosure class	54 IP	54 IP
Insulation class, motor	F	F
Duct connection	500 mm	500 mm
Max. flow @ 0Pa	8596.8240711074 m³/h	8596.8240711074 m³/h
Max. pressure	326 Pa	326 Pa
Voltage range	200-277 V	200-277 V

SOUND DATA

	Flow (m³/h)	L _{wa} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
4. Surrounding Lw dB(A) 10V	6318	57	36	46	53	49	50	45	39	34
4. Outlet Lw dB(A) 10V	6318	83	71	73	70	72	79	75	69	65
4. Inlet Lw dB(A) 10V	6318	77	61	69	68	69	71	71	66	61
3. Inlet Lw dB(A) 8V	5393	73	57	65	64	65	67	67	62	55
2. Inlet Lw dB(A) 7V	4367	68	52	61	60	60	62	61	58	46
1. Inlet Lw dB(A) 5V	3121	60	48	49	50	52	54	54	46	33

