



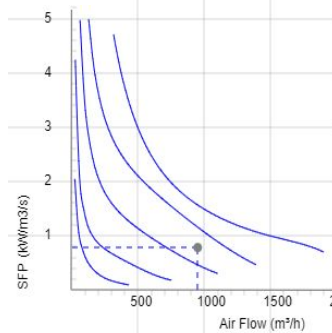
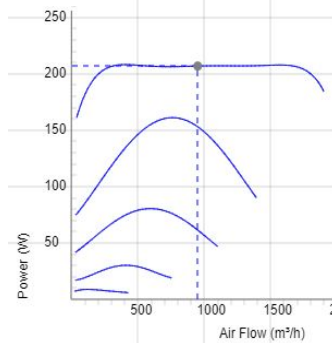
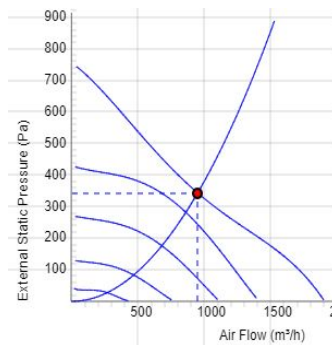
BFS 400x400 B1 EC



- 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
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- MB Universal



Voltage steps

| 1 | 2 | 3 | 4 | 5 |
|----|----|----|----|-----|
| 2V | 4V | 6V | 8V | 10V |

TECHNICAL DATA

| 7460061 BFS 400x400 B1 EC-y1 | |
|-------------------------------------|----------------------|
| Voltage | 230 V |
| Phase | 1 ~ |
| Frequency | 50/60 Hz |
| Power | 213 W |
| Current | 1.65 A |
| Speed | 2440 r.p.m. |
| Max. temperature of transported air | 60 °C |
| Sound pressure level at 3 m | 53 dB(A) |
| Weight | 11.0 kg |
| Enclosure class | 44 IP |
| Insulation class, motor | F |
| Duct connection | 400x400 mm |
| Max. flow @ 0Pa | 1897.2053121749 m³/h |
| Max. pressure | 741 Pa |
| Voltage range | 200-277 V |

SOUND DATA

| | Flow (m³/h) | L_{WA} tot dB (A) | 63Hz | 125Hz | 250Hz | 500Hz | 1KHz | 2KHz | 4KHz | 8KHz |
|--------------------------------|-------------|------------------------|------|-------|-------|-------|------|------|------|------|
| 5. Surrounding L_w dB(A) 10V | 1094 | 60 | 28 | 36 | 44 | 59 | 49 | 45 | 38 | 33 |
| 5. Outlet L_w dB(A) 10V | 1080 | 75 | 51 | 57 | 60 | 66 | 67 | 72 | 66 | 62 |
| 5. Inlet L_w dB(A) 10V | 1080 | 73 | 48 | 59 | 59 | 68 | 65 | 68 | 63 | 61 |
| 4. Inlet L_w dB(A) 8V | 954 | 71 | 46 | 57 | 58 | 65 | 64 | 66 | 60 | 58 |
| 3. Inlet L_w dB(A) 6V | 770 | 64 | 40 | 51 | 58 | 56 | 56 | 57 | 55 | 48 |
| 2. Inlet L_w dB(A) 4V | 536 | 57 | 36 | 44 | 53 | 48 | 47 | 49 | 47 | 33 |
| 1. Inlet L_w dB(A) 2V | 356 | 45 | 24 | 36 | 43 | 30 | 29 | 27 | 28 | 23 |

DIMENSIONS

