

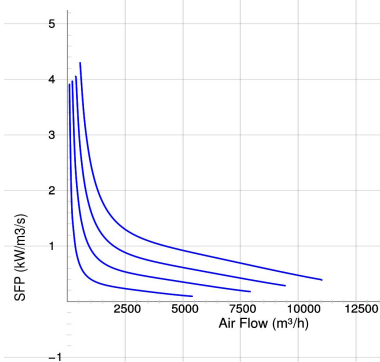
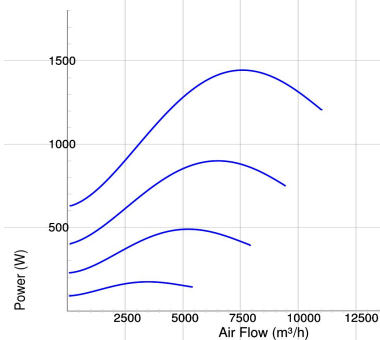
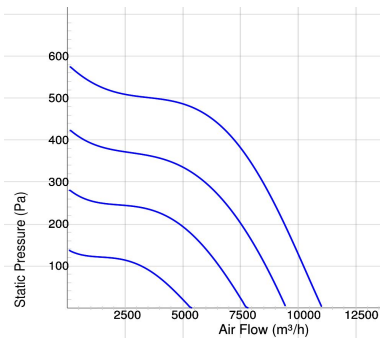
BFS 700x700 B3 EC

Boxfan BFS 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.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

Accessories

- Speed controller MS EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- MB Universal



Voltage steps

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

TECHNICAL DATA

| 7460027 BFS 700x700 B3 EC | |
|-------------------------------------|-------------|
| Voltage | 400 V |
| Phase | 3 - |
| Frequency | 50/60 Hz |
| Power | 1450 W |
| Current | 2.25 A |
| Speed | 1380 r.p.m. |
| Max. temperature of transported air | 40 °C |
| Sound pressure level at 3 m | 54 dB(A) |
| Weight | 37.4 kg |
| Enclosure class | 54 IP |
| Insulation class, motor | F |
| Duct connection | 700x700 mm |
| Max. flow | 11045 m³/h |
| Max. pressure | 580 Pa |
| Voltage range | 380-480 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 | 7546 | 61 | 43 | 47 | 58 | 55 | 53 | 48 | 44 | 39 |
| 4. Outlet Lw dB(A) 10V | 7546 | 88 | 74 | 76 | 75 | 78 | 85 | 81 | 78 | 71 |
| 4. Inlet Lw dB(A) 10V | 7546 | 83 | 66 | 73 | 74 | 74 | 77 | 76 | 72 | 66 |
| 3. Inlet Lw dB(A) 8V | 5972 | 78 | 61 | 69 | 69 | 70 | 72 | 71 | 68 | 61 |
| 2. Inlet Lw dB(A) 7V | 4990 | 72 | 56 | 64 | 63 | 64 | 66 | 65 | 62 | 53 |
| 1. Inlet Lw dB(A) 5V | 3542 | 63 | 50 | 53 | 54 | 55 | 58 | 55 | 53 | 39 |