

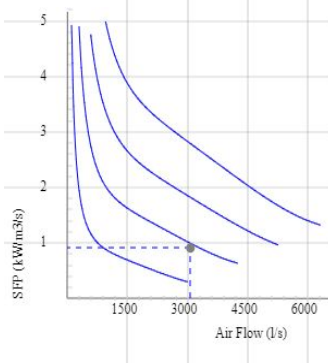
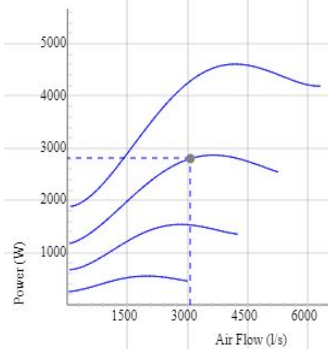
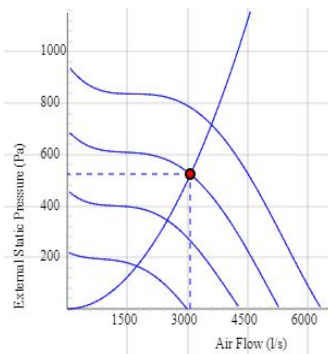


BFS 850x850 F3 EC

- 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
- Plejd Controller
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R



Voltage steps

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

TECHNICAL DATA

| 7460034 BFS 850x850 F3 EC | |
|-------------------------------------|-------------|
| Voltage | 400 V |
| Phase | 3 ~ |
| Frequency | 50/60 Hz |
| Power | 4690 W |
| Current | 7.1 A |
| Speed | 1430 r.p.m. |
| Max. temperature of transported air | 40 °C |
| Sound pressure level at 3 m | 65 dB(A) |
| Weight | 66.7 kg |
| Enclosure class | 54 IP |
| Insulation class, motor | F |
| Duct connection | 850x850 mm |
| Max. flow @ 0Pa | 6348 l/s |
| Max. pressure | 936 Pa |
| Voltage range | 380-480 V |

SOUND DATA

| | Flow (l/s) | L _{wa} tot dB (A) | 63Hz | 125Hz | 250Hz | 500Hz | 1KHz | 2KHz | 4KHz | 8KHz |
|-----------------------------|------------|----------------------------|------|-------|-------|-------|------|------|------|------|
| 4. Surrounding Lw dB(A) 10V | 3528 | 72 | 54 | 60 | 69 | 66 | 64 | 59 | 53 | 46 |
| 4. Outlet Lw dB(A) 10V | 3528 | 96 | 84 | 88 | 88 | 88 | 90 | 86 | 82 | 75 |
| 4. Inlet Lw dB(A) 10V | 3528 | 91 | 76 | 80 | 82 | 82 | 87 | 84 | 82 | 76 |
| 3. Inlet Lw dB(A) 8V | 3096 | 88 | 73 | 78 | 77 | 78 | 83 | 81 | 78 | 71 |
| 2. Inlet Lw dB(A) 7V | 2582 | 82 | 67 | 72 | 72 | 72 | 77 | 75 | 72 | 64 |
| 1. Inlet Lw dB(A) 5V | 1795 | 72 | 59 | 61 | 63 | 63 | 68 | 66 | 60 | 52 |

DIMENSIONS

