

# NON INSULATED DUCT FAN WITH SQUARE CONNECTIONS

## BFS 850x850 F3 EC

7460034

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.



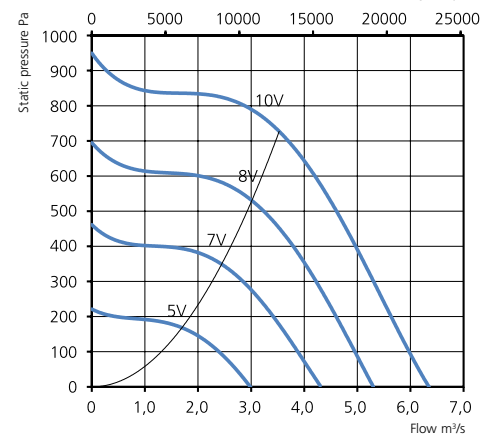
### ACCESSORIES

- Speed controller MS EC
- Controller IQ-Reg EC
- Plejd Controller
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R

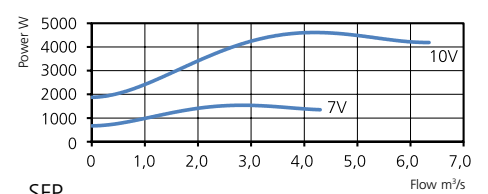
### TECHNICAL DATA

<b>Voltage</b>	400 V
<b>Frequency</b>	50/60 Hz
<b>Phase</b>	3 ~
<b>Current</b>	7.10 A
<b>Power</b>	4690 W
<b>Speed</b>	1430 r.p.m.
<b>Max. temp of transported air</b>	40 °C
<b>Sound pressure level, 3 m</b>	65 dB(A)
<b>Weight</b>	66.7 kg
<b>Enclosure class</b>	54 IP
<b>Wiring diagram</b>	4040147

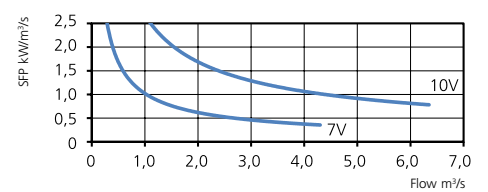
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### SOUND DATA

	$L_{WA}$ tot dB (A)	63	125	250	500	1K	2K	4K	8K
<b>Surrounding 10 V</b>	72	54	60	69	66	64	59	53	46
<b>Outlet 10 V</b>	96	84	88	88	88	90	86	82	75
<b>Inlet 10 V</b>	91	76	80	82	82	87	84	82	76
<b>Inlet 8 V</b>	88	73	78	77	78	83	81	78	71
<b>Inlet 7 V</b>	82	67	72	72	72	77	75	72	64
<b>Inlet 5 V</b>	72	59	61	63	63	68	66	60	52

### MORE INFORMATION



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### DIMENSIONS

