

# NON INSULATED DUCT FAN WITH SQUARE CONNECTIONS

## BFS 500x500 D1 EC

7460020

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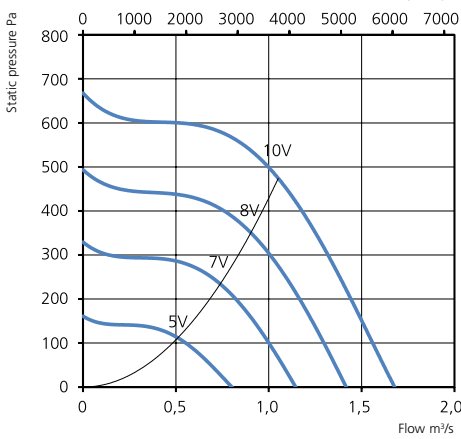


- Duct fan with square connections.
- High capacity and very good efficiency.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external 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.

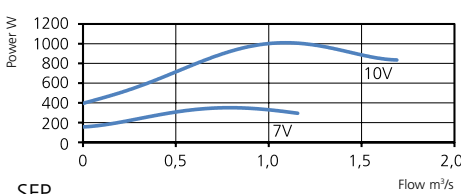


RECTANGULAR

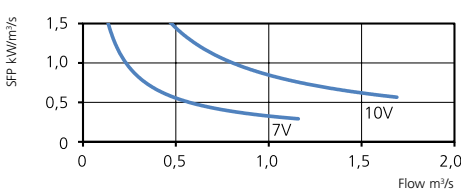
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TECHNICAL DATA

<b>Voltage</b>	230 V
<b>Frequency</b>	50/60 Hz
<b>Phase</b>	1 ~
<b>Current</b>	4.72 A
<b>Power</b>	1020 W
<b>Speed</b>	2100 r.p.m.
<b>Max. temp of transported air</b>	55 °C
<b>Sound pressure level, 3 m</b>	55 dB(A)
<b>Weight</b>	18.5 kg
<b>Enclosure class</b>	54 IP
<b>Wiring diagram</b>	4040145

### SOUND DATA

	$L_{WA}$ tot dB (A)	63	125	250	500	1K	2K	4K	8K
<b>Surrounding 10 V</b>	62	43	49	57	56	55	53	49	43
<b>Outlet 10 V</b>	82	70	72	73	71	75	76	73	70
<b>Inlet 10 V</b>	81	63	67	72	71	73	76	73	69
<b>Inlet 8 V</b>	77	59	63	70	69	69	71	69	64
<b>Inlet 7 V</b>	72	53	62	63	63	64	67	64	58
<b>Inlet 5 V</b>	63	45	52	54	54	56	57	53	46

### ACCESSORIES

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

### MORE INFORMATION



Find out the latest updated information about this product by visiting [www.ostberg.com](http://www.ostberg.com) or scanning this QR code.

### DIMENSIONS

