

## IRB 1000x500 B3 EC

7890252

IRB 1000X500 B3 EC-y1

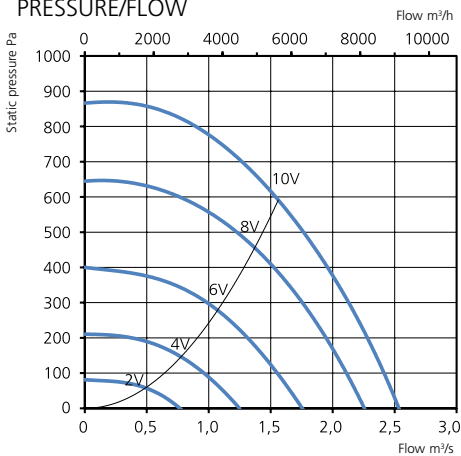


- Insulated duct fan.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design prioritise functionality, durability and longevity.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.

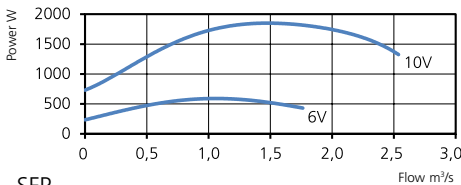
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Integrated motor protection.
- Junction box has enclosure class IP 54.
- The housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- A duct connected fan can be installed outside or in damp environments.

RECTANGULAR

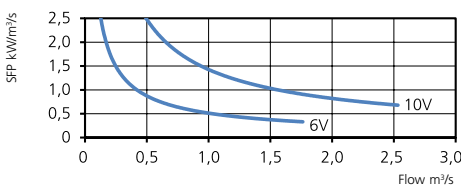
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TECHNICAL DATA

<b>Voltage</b>	400 V
<b>Frequency</b>	50/60 Hz
<b>Phase</b>	3 ~
<b>Current</b>	2.80 A
<b>Power</b>	1810 W
<b>Speed</b>	1540 r.p.m.
<b>Max. temp of transported air</b>	60 °C
<b>Sound pressure level, 3 m</b>	60 dB(A)
<b>Weight</b>	92.5 kg
<b>Enclosure class</b>	44 IP
<b>Wiring diagram</b>	4040217

### ACCESSORIES

- Silencer LDR 1000x500
- Flexible connection 1000x500
- Speed controller MS EC
- Controller IQ-Reg EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R

### SOUND DATA

	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
<b>Surrounding 10 V</b>	67	48	58	65	55	55	42	40	36
<b>Outlet 10 V</b>	83	60	69	78	75	78	72	68	59
<b>Inlet 10 V</b>	71	56	62	68	62	60	61	55	50
<b>Inlet 8 V</b>	70	53	62	68	58	56	57	51	46
<b>Inlet 6 V</b>	64	48	63	54	49	50	51	44	39
<b>Inlet 4 V</b>	57	43	56	45	40	43	41	36	29
<b>Inlet 2 V</b>	43	39	38	31	28	30	28	21	17

### 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

