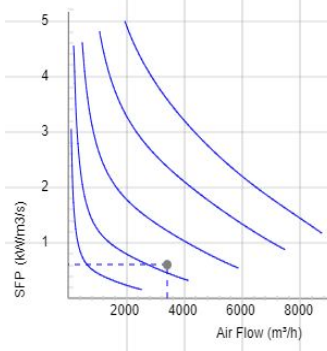
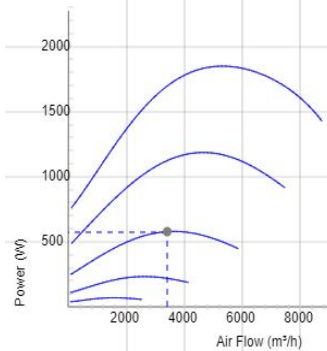
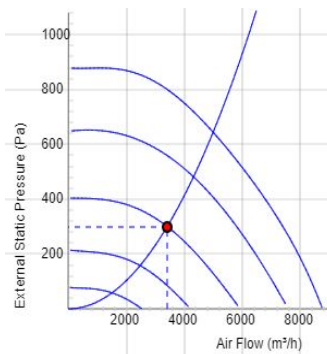


IRB 800x500 D3 EC

- 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.

Accessories

- Speed controller MS EC
- Controller IQ-Reg EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- LDR 800x500
- Duktos 800x500



Voltage steps

1	2	3	4	5
2V	4V	6V	8V	10V

TECHNICAL DATA

7890251 IRB 800x500 D3 EC-y1	
Voltage	400 V
Phase	3 ~
Frequency	50/60 Hz
Power	1820 W
Current	2.81 A
Speed	1540 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	61 dB(A)
Weight	73.5 kg
Enclosure class	44 IP
Insulation class, motor	F
Duct connection	800x500 mm
Max. flow @ 0Pa	8762.4245347887 m³/h
Max. pressure	881 Pa
Voltage range	380-480 V

SOUND DATA

	Flow (m³/h)	L _{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 10V	5436	68	47	57	66	54	62	48	47	45
5. Outlet Lw dB(A) 10V	5436	85	61	71	82	77	80	75	70	61
5. Inlet Lw dB(A) 10V	5436	75	61	68	73	63	64	64	59	53
4. Inlet Lw dB(A) 8V	4633	73	58	67	70	57	59	60	55	49
3. Inlet Lw dB(A) 6V	3787	68	52	67	56	49	53	53	48	42
2. Inlet Lw dB(A) 4V	2689	62	48	61	49	41	45	43	38	34
1. Inlet Lw dB(A) 2V	1800	46	43	43	35	30	33	30	24	19

DIMENSIONS

