

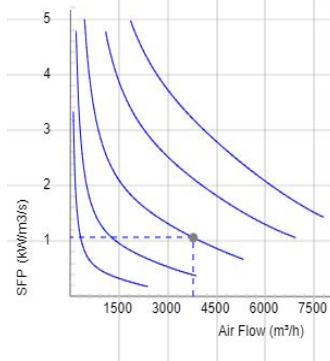
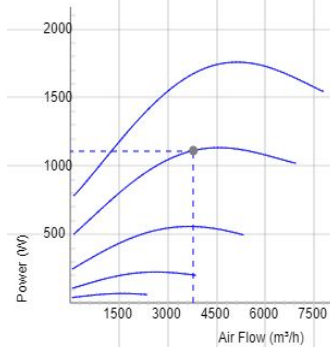
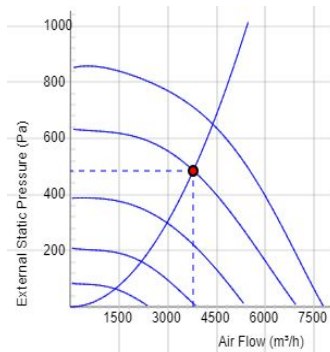


IRB 500 B3 EC

- 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
- MK 500
- BSV 500
- RSK 500
- VK 500



Voltage steps

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

TECHNICAL DATA

Voltage	400 V
Phase	3 ~
Frequency	50/60 Hz
Power	1770 W
Current	2.73 A
Speed	1560 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	59 dB(A)
Weight	91.5 kg
Enclosure class	44 IP
Insulation class, motor	F
Duct connection	500 mm
Max. flow @ 0Pa	7790.4218131811 m³/h
Max. pressure	854 Pa
Voltage range	380-480 V

7890254

IRB 500 B3 EC-y1

SOUND DATA

	Flow (m³/h)	L_{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 10V	4579	66	51	58	65	53	51	41	39	36
5. Outlet Lw dB(A) 10V	4579	84	66	73	78	75	81	74	67	60
5. Inlet Lw dB(A) 10V	4579	72	60	68	68	54	56	56	49	47
4. Inlet Lw dB(A) 8V	3571	72	57	68	69	50	52	51	45	43
3. Inlet Lw dB(A) 6V	2833	67	52	66	53	42	46	44	38	37
2. Inlet Lw dB(A) 4V	2106	59	49	58	44	34	39	35	30	30
1. Inlet Lw dB(A) 2V	1631	45	42	40	31	24	29	23	19	16

DIMENSIONS

