



IRB 125 B1 EC

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long 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.
- Integrated motor protection.
- Junction box has enclosure class IP 54.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- 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
- MB Universal
- MK 125
- FLK 125
- FLF 125
- BSV 125
- RSK 125
- YG 125
- VK 125
- LDC 125

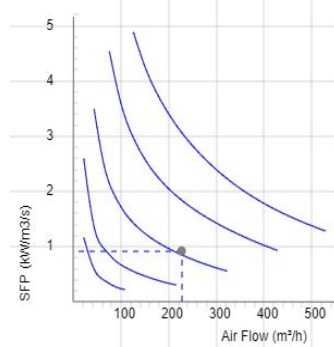
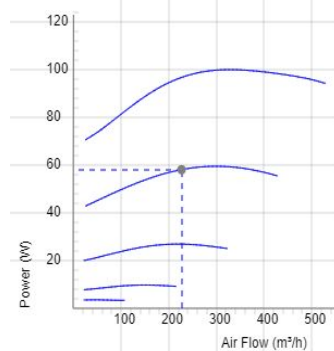
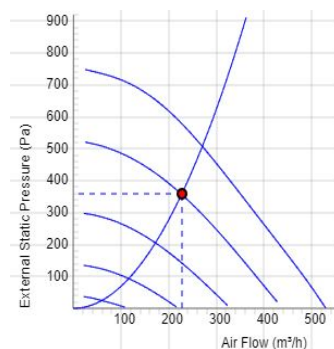
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TECHNICAL DATA

Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	100 W
Current	0.81 A
Speed	3600 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	46 dB(A)
Weight	11.4 kg
Enclosure class	44 IP
Insulation class, motor	F
Duct connection	125 mm
Max. flow @ 0Pa	529.20148176415 m³/h
Max. pressure	757 Pa
Voltage range	200-277 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	302	53	38	41	45	51	40	38	35	31
5. Outlet Lw dB(A) 10V	302	82	61	65	68	80	75	73	67	62
5. Inlet Lw dB(A) 10V	302	62	49	57	54	58	46	47	44	38
4. Inlet Lw dB(A) 8V	252	58	46	54	52	52	41	43	39	32
3. Inlet Lw dB(A) 6V	184	54	39	48	52	39	34	35	30	21
2. Inlet Lw dB(A) 4V	130	45	31	42	42	30	25	23	15	7
1. Inlet Lw dB(A) 2V	47	30	24	26	25	17	7	8	8	5



Voltage steps

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

DIMENSIONS

