



IRB 200 C1 EC

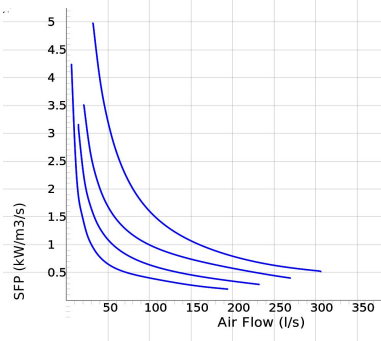
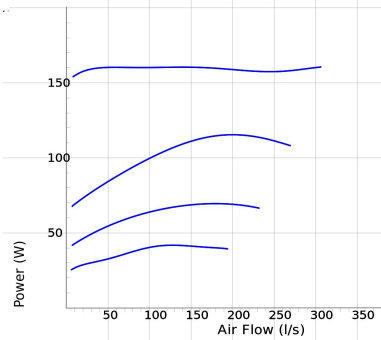
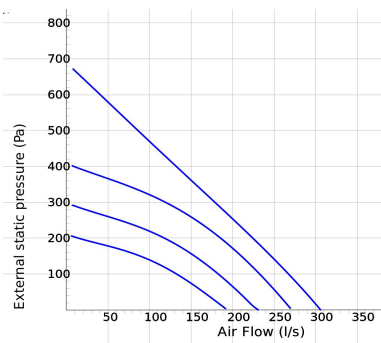


IRB EC Circular

- 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, complicated duct runs.
- The design priorities 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.
- 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

- Controller IQ-Reg EC
- Speed controller MS EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- MB Universal
- MK 200
- BSV 200
- RSK 200
- YG 200
- VK 200
- FLK 200
- FLF 200
- LDC 200



Voltage steps

1	2	3	4
6V	7V	8V	10V

TECHNICAL DATA

7880011 IRB 200 C1 EC	
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	161 W
Current	1.24 A
Speed	2890 r.p.m.
Max. temperature of transported air	50 °C
Sound pressure level at 3 m	52 dB(A)
Weight	18.8 kg
Enclosure class	44 IP
Insulation class, motor	F
Capacitor	- µF
Duct connection	200 mm
Max. flow	306 l/s
Max. pressure	688 Pa
Voltage range	200-240 V

SOUND DATA

	Flow (l/s)	L _{wa} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
4. Surrounding Lw dB(A) 10V	227	59	44	51	58	51	42	37	32	29
4. Outlet Lw dB(A) 10V	227	77	64	69	73	71	66	66	62	54
4. Inlet Lw dB(A) 10V	227	71	59	67	67	61	52	46	45	37
3. Inlet Lw dB(A) 8V	206	69	58	65	66	58	49	43	42	35
2. Inlet Lw dB(A) 7V	171	66	56	62	64	52	43	38	36	30
1. Inlet Lw dB(A) 6V	135	64	53	58	63	47	38	33	30	24

DIMENSIONS

