



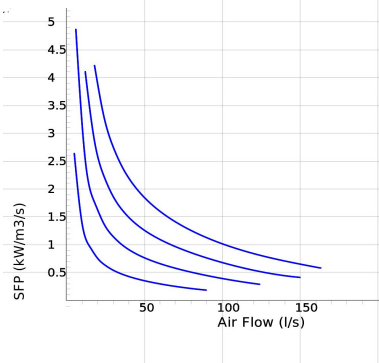
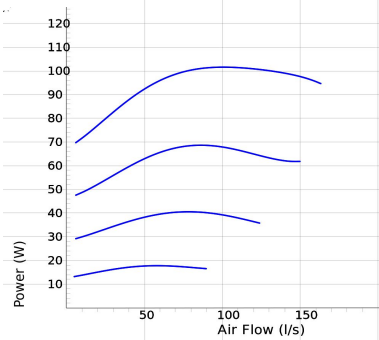
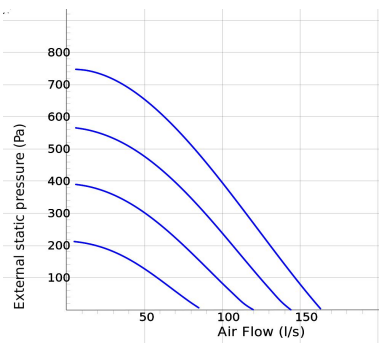
IRB 160 B1 EC

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 160
- BSV 160
- RSK 160
- YG 160
- VK 160
- FLK 160
- FLF 160
- LDC 160



Voltage steps

1	2	3	4
5V	7V	8V	10V

TECHNICAL DATA

7890211 IRB 160 B1 EC-v1	
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	102 W
Current	0.82 A
Speed	3590 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	44 dB(A)
Weight	11.9 kg
Enclosure class	54 IP
Insulation class, motor	F
Capacitor	- µF
Duct connection	160 mm
Max. flow	164 l/s
Max. pressure	749 Pa

SOUND DATA

	Flow (l/s)	L _{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
4. Surrounding Lw dB(A) 10V	106	52	43	41	44	49	38	36	34	29
4. Outlet Lw dB(A) 10V	106	83	60	65	69	81	74	72	69	61
4. Inlet Lw dB(A) 10V	106	63	53	59	56	57	47	50	45	37
3. Inlet Lw dB(A) 8V	91	62	54	57	53	58	43	47	42	33
2. Inlet Lw dB(A) 7V	75	57	47	54	52	43	38	43	37	27
1. Inlet Lw dB(A) 5V	55	52	42	47	50	35	31	34	27	15

DIMENSIONS

