



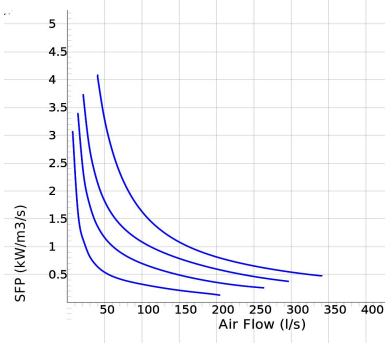
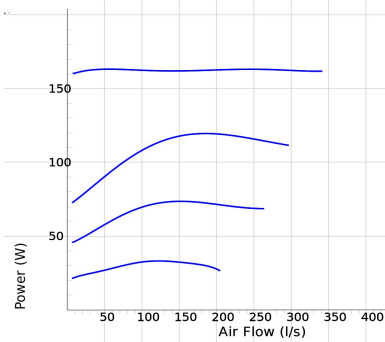
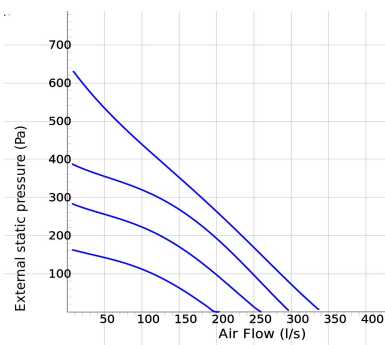
IRB 250 A1 EC

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 250
- BSV 250
- RSK 250
- YG 250
- VK 250
- FLK 250
- FLF 250
- LDC 250



Voltage steps

1	2	3	4
5.5V	7V	8V	10V

TECHNICAL DATA

7890007 IRB 250 A1 EC	
Cos	0.55
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	163 W
Current	1.27 A
Speed	2760 r.p.m.
Max. temperature of transported air	50 °C
Sound pressure level at 3 m	53 dB(A)
Weight	17.9 kg
Enclosure class	44 IP
Insulation class, motor	F
Capacitor	- µF
Duct connection	250 mm
Max. flow	340 l/s
Max. pressure	645 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	226	60	42	49	59	50	42	37	32	29
4. Outlet Lw dB(A) 10V	226	78	63	68	74	68	68	70	64	54
4. Inlet Lw dB(A) 10V	226	70	61	64	68	57	52	51	49	40
3. Inlet Lw dB(A) 8V	205	69	57	63	67	53	50	48	47	38
2. Inlet Lw dB(A) 7V	176	65	55	60	62	48	46	44	41	32
1. Inlet Lw dB(A) 5.5V	134	61	50	54	59	42	38	36	31	21

DIMENSIONS

