



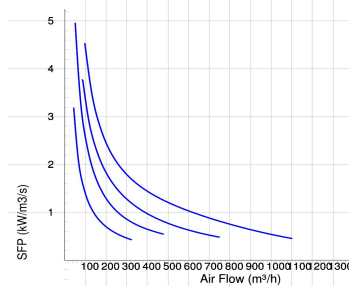
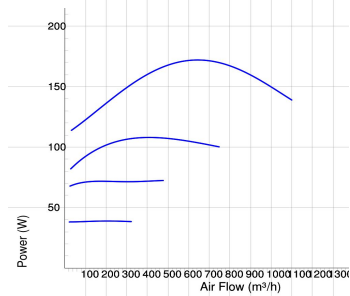
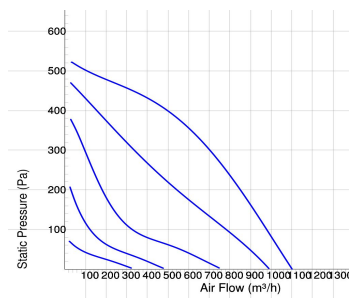
IRB 400x200 B1 ErP

IRB Rectangular

- Insulated duct fan with rectangular 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.
- Integrated motor protection.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electric speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

Accessories

- VRDE 1,5
- VRTE C
- VRS 1.0
- MB Universal
- Dukstos 400x200



Voltage steps

1	2	3	4	5
80V	110V	135V	165V	230V

TECHNICAL DATA

7880030
IRB 400x200 B1 ErP

Voltage	230 V
Phase	1 ~
Frequency	50 Hz
Power	172 W
Current	0.74 A
Current when speed controlled	0.88 A
Speed	2670 r.p.m.
Max. temperature of transported air	80 °C
Max. temperature of transported air when speed controlled	65 °C
Sound pressure level at 3 m	50 dB(A)
Weight	24.3 kg
Enclosure class	44 IP
Insulation class, motor	F
Capacitor	5 µF
Max. flow	1102 m³/h
Max. pressure	533 Pa
Voltage range	220-240 V

SOUND DATA

	Flow (m³/h)	L _{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 230V	821	57	34	39	54	50	47	45	39	36
5. Outlet Lw dB(A) 230V	821	74	57	61	68	68	66	65	61	57
5. Inlet Lw dB(A) 230V	821	65	54	58	62	57	51	47	46	44
4. Inlet Lw dB(A) 165V	731	62	50	55	60	49	43	40	40	35
3. Inlet Lw dB(A) 135V	490	52	42	49	47	37	32	31	29	19
2. Inlet Lw dB(A) 110V	306	48	36	47	40	30	26	27	15	8
1. Inlet Lw dB(A) 80V	216	45	39	44	32	20	16	9	4	4

DIMENSIONS

