

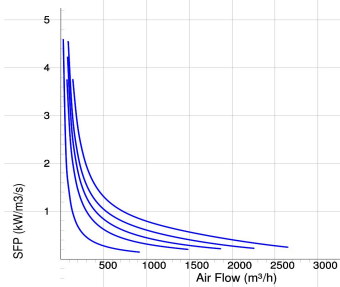
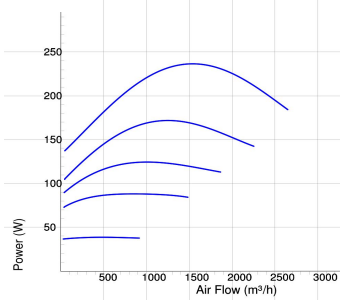
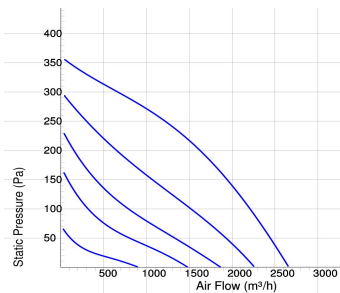
IRB 600x350 B3 ErP

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

- VRDT 2
- VRTT 1
- MB Universal
- Dukstos 600x350



Voltage steps

1	2	3	4	5
95V	145V	185V	240V	400V

TECHNICAL DATA

7890112
IRB 600x350 B3 ErP

Voltage	400 V
Voltage Delta	230 V
Phase	3 ~
Frequency	50 Hz
Power	235 W
Current	0.45 A
Current when speed controlled	0.46 A
Current Delta	0,78 A
Current Delta when speed controlled	0.8 A
Speed	1330 r.p.m.
Max. temperature of transported air	80 °C
Max. temperature of transported air when speed controlled	80 °C
Sound pressure level at 3 m	47 dB(A)
Weight	49 kg
Enclosure class	54 IP
Insulation class, motor	F
Max. flow	2660 m³/h
Max. pressure	357 Pa
Voltage range	380-415 V

SOUND DATA

	Flow (m³/h)	L _{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 400V	1440	55	31	53	48	38	37	34	33	31
5. Outlet Lw dB(A) 400V	1440	68	51	66	62	54	57	51	50	45
5. Inlet Lw dB(A) 400V	1440	63	48	63	54	45	41	41	40	36
4. Inlet Lw dB(A) 240V	1156	59	45	58	51	38	35	34	36	29
3. Inlet Lw dB(A) 185V	878	53	49	50	43	31	28	33	33	19
2. Inlet Lw dB(A) 145V	792	46	43	40	38	28	21	31	16	10
1. Inlet Lw dB(A) 95V	313	31	27	27	19	12	18	14	12	9

DIMENSIONS

