

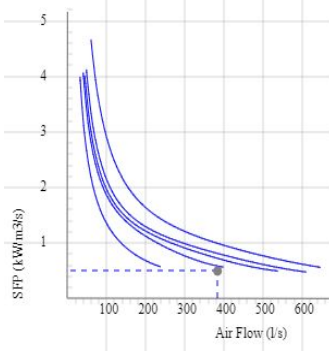
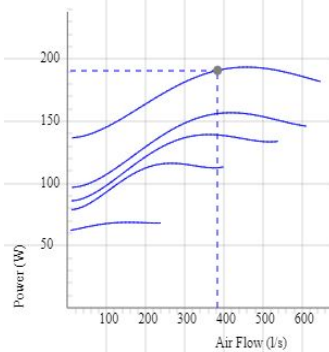
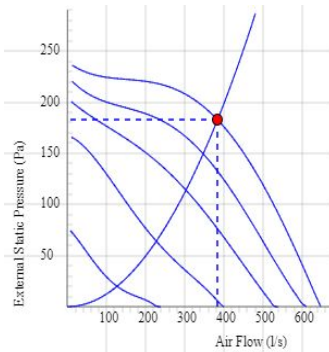


IRB 600x300 B1 ErP

- 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 prioritise functionality, durability and longevity.
- Operational in both 50 and 60 Hz.
- 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 electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- A duct connected fan can be installed outside or in damp environments.

Accessories

- VRTE 1
- VRDE 1,5
- VRS 2.5
- MB Universal
- Dukstos 600x300
- LDR 600x300



Voltage steps

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

TECHNICAL DATA

7890196 IRB 600x300 B1 ErP	
Voltage	230 V
Phase	1 ~
Frequency	50 Hz
Optional frequency	60 Hz
Power	197 W
Current	1.01 A
Current when speed controlled	1.10 A
Speed	1380 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	48 dB(A)
Weight	44.5 kg
Enclosure class	54 IP
Insulation class, motor	F
Capacitor	3 µF
Duct connection	600x300 mm
Max. flow @ 0Pa	647 l/s
Max. pressure	240 Pa
Voltage range	220-240 V

SOUND DATA

	Flow (l/s)	L_{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding L_w dB(A) 230V	390	54	36	49	52	42	41	37	32	30
5. Outlet L_w dB(A) 230V	390	73	56	67	66	61	67	64	60	52
5. Inlet L_w dB(A) 230V	390	63	48	61	56	46	48	44	41	36
4. Inlet L_w dB(A) 165V	340	60	47	59	52	44	46	42	39	34
3. Inlet L_w dB(A) 135V	312	57	44	56	47	40	42	38	36	30
2. Inlet L_w dB(A) 110V	232	54	40	53	44	33	37	32	28	19
1. Inlet L_w dB(A) 80V	139	46	34	46	29	20	23	16	12	9

DIMENSIONS

