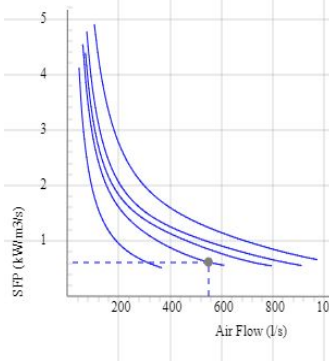
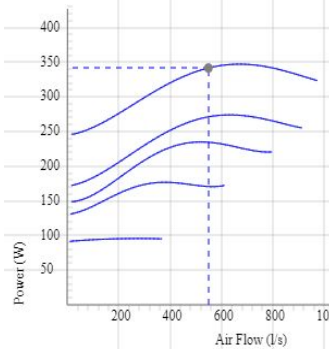
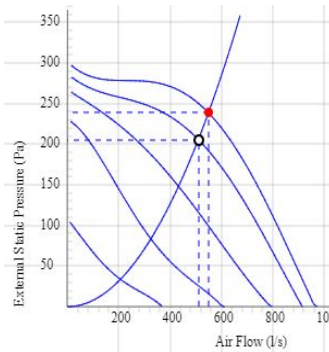


IRB 600x350 C1

- 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 3
- VRDE 3
- VRS 2.5
- MB Universal
- Dukstos 600x350
- LDR 600x350



Voltage steps

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

TECHNICAL DATA

		7890166 IRB 600x350 C1
Voltage		230 V
Phase		1 ~
Frequency		50 Hz
Optional frequency		60 Hz
Power		348 W
Current		1.8 A
Current when speed controlled		2.00 A
Speed		1390 r.p.m.
Max. temperature of transported air		60 °C
Max. temperature of transported air when speed controlled		60 °C
Sound pressure level at 3 m		52 dB(A)
Weight		51.5 kg
Enclosure class		54 IP
Insulation class, motor		F
Capacitor		10 µF
Duct connection		600x350 mm
Max. flow @ 0Pa		965 l/s
Max. pressure		304 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	637	59	40	53	56	46	43	40	38	33
5. Outlet L_w dB(A) 230V	637	74	54	69	68	61	68	63	57	51
5. Inlet L_w dB(A) 230V	637	68	50	66	61	53	49	49	46	39
4. Inlet L_w dB(A) 165V	603	67	49	66	58	51	47	47	43	37
3. Inlet L_w dB(A) 135V	508	62	47	61	53	47	44	43	38	32
2. Inlet L_w dB(A) 110V	395	58	44	57	47	35	38	34	29	21
1. Inlet L_w dB(A) 80V	280	47	38	46	35	23	31	19	13	9

DIMENSIONS

