

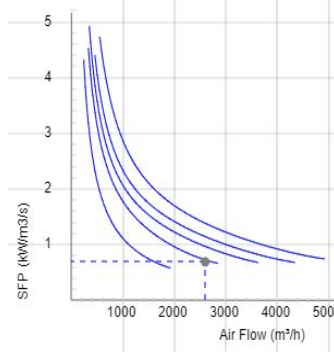
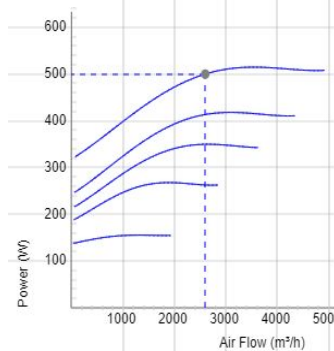
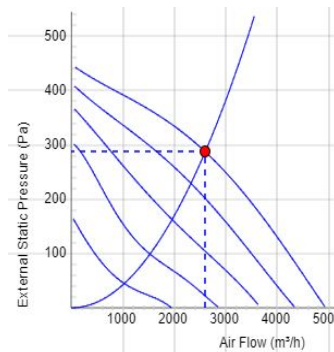


IRB 700x400 D1

- 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 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
- Dukstos 700x400
- LDR 700x400



Voltage steps

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

TECHNICAL DATA

7890172 IRB 700x400 D1	
Voltage	230 V
Phase	1 ~
Frequency	50 Hz
Optional frequency	60 Hz
Power	527 W
Current	2.4 A
Current when speed controlled	2.70 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	55 dB(A)
Weight	63.2 kg
Enclosure class	54 IP
Insulation class, motor	F
Capacitor	12 µF
Duct connection	700x400 mm
Max. flow @ 0Pa	4935.6138197187 m³/h
Max. pressure	447 Pa
Voltage range	220-240 V

SOUND DATA

	Flow (m³/h)	L _{wa} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz
5. Surrounding Lw dB(A) 230V	3049	62	42	58	59	47	45	40	36
5. Outlet Lw dB(A) 230V	2974	79	61	73	71	67	73	70	65
5. Inlet Lw dB(A) 230V	2974	69	55	68	61	58	53	51	47
4. Inlet Lw dB(A) 165V	2689	68	53	68	57	55	49	48	42
3. Inlet Lw dB(A) 135V	2207	62	50	61	53	50	44	43	37
2. Inlet Lw dB(A) 110V	1897	56	45	55	47	41	36	37	28
1. Inlet Lw dB(A) 80V	1354	46	39	45	34	29	24	22	15

DIMENSIONS

