

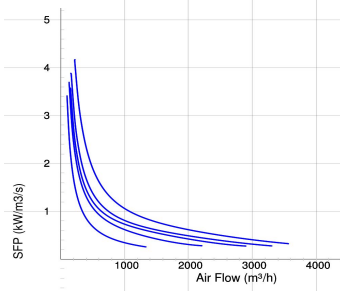
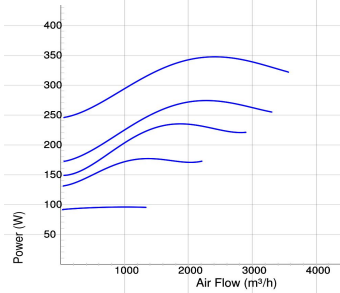
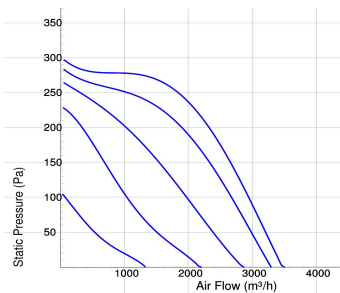
IRB 600x350 C1 ErP 50/(60)Hz

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

- VRTE 3
- VRDE 3
- VRS 2.0
- MB Universal
- Dukstos 600x350



Voltage steps

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

TECHNICAL DATA

		7890166 IRB 600x350 C1 ErP
Voltage		230 V
Phase		1 ~
Frequency		50 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		10 dB(A)
Weight		51.5 kg
Enclosure class		54 IP
Insulation class, motor		F
Capacitor		10 µF
Duct connection		600x350 mm
Max. flow		3474 m³/h
Max. pressure		304 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	2293	59	41	53	57	46	43	40	38	33
5. Outlet Lw dB(A) 230V	2293	74	54	70	68	61	68	63	57	51
5. Inlet Lw dB(A) 230V	2293	68	51	67	61	54	49	49	46	39
4. Inlet Lw dB(A) 165V	2171	67	50	67	58	51	47	47	43	37
3. Inlet Lw dB(A) 135V	1829	62	48	61	54	47	44	43	38	32
2. Inlet Lw dB(A) 110V	1422	58	45	57	49	37	38	34	29	21
1. Inlet Lw dB(A) 80V	1008	48	39	47	38	26	30	21	14	10

DIMENSIONS

