



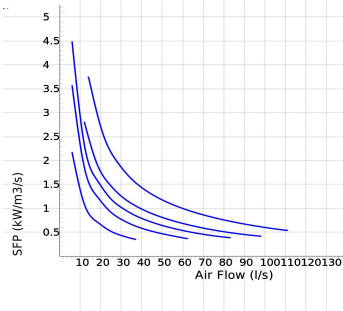
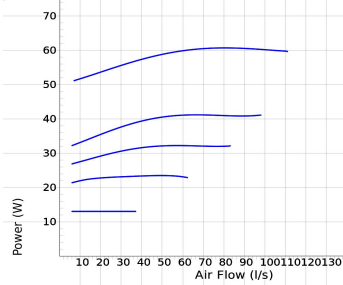
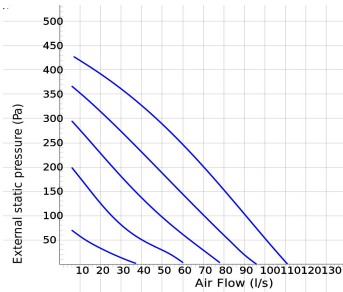
# IRB 125 B1

## IRB Circular

- Insulated duct fan with circular 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.
- Duct connections are equipped with rubber seals.
- 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 C
- VRDE 1,5
- VRS 0.5
- MB Universal
- MK 125
- BSV 125
- RSK 125
- YG 125
- VK 125
- FLK 125
- FLF 125
- LDC 125



## Voltage steps

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

## TECHNICAL DATA

7880041 IRB 125 B1	
Voltage	230 V
Phase	1 ~
Frequency	50 Hz
Power	61 W
Current	0.26 A
Speed	2590 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	37 dB(A)
Weight	11.6 kg
Enclosure class	44 IP
Insulation class, motor	F
Capacitor	2 µF
Duct connection	125 mm
Max. flow	111 l/s
Max. pressure	444 Pa
Voltage range	220-240 V

## SOUND DATA

	Flow (l/s)	L <sub>wa</sub> tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 230V	60	44	30	33	41	37	31	30	29	29
5. Outlet Lw dB(A) 230V	60	69	54	58	63	65	62	58	53	47
5. Inlet Lw dB(A) 230V	60	52	41	49	46	39	35	36	31	22
4. Inlet Lw dB(A) 165V	52	49	36	46	44	36	31	32	25	17
3. Inlet Lw dB(A) 135V	44	45	33	42	40	32	27	26	19	10
2. Inlet Lw dB(A) 110V	33	39	29	38	31	26	20	16	8	4
1. Inlet Lw dB(A) 80V	23	32	25	29	26	17	9	3	3	3

## DIMENSIONS

