

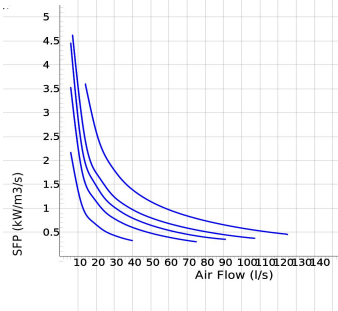
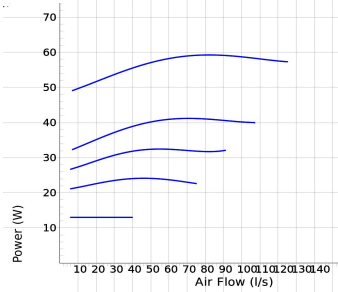
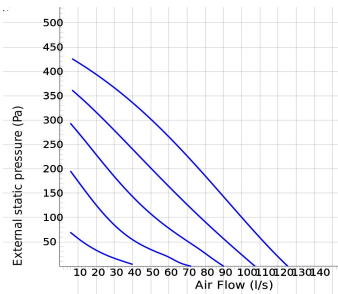
IRB 160 B1

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 160
- BSV 160
- RSK 160
- YG 160
- VK 160
- FLK 160
- FLF 160
- LDC 160



Voltage steps

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

TECHNICAL DATA

		7880042 IRB 160 B1
Voltage		230 V
Phase		1 ~
Frequency		50 Hz
Power		59 W
Current		0.26 A
Speed		2580 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		11.7 kg
Enclosure class		44 IP
Insulation class, motor		F
Capacitor		2 µF
Duct connection		160 mm
Max. flow		125 l/s
Max. pressure		441 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 Lw dB(A) 230V	65	44	30	36	41	37	32	31	29	29
5. Outlet Lw dB(A) 230V	65	72	56	60	66	67	63	61	60	51
5. Inlet Lw dB(A) 230V	65	55	41	53	49	41	35	37	34	25
4. Inlet Lw dB(A) 165V	57	52	38	50	47	37	31	33	29	19
3. Inlet Lw dB(A) 135V	49	48	35	45	42	33	27	27	22	11
2. Inlet Lw dB(A) 110V	37	42	31	40	35	27	21	18	13	5
1. Inlet Lw dB(A) 80V	23	37	26	35	30	18	10	6	4	4

DIMENSIONS

