

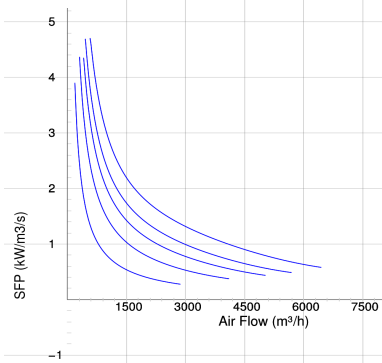
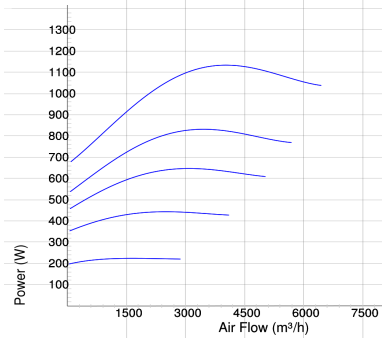
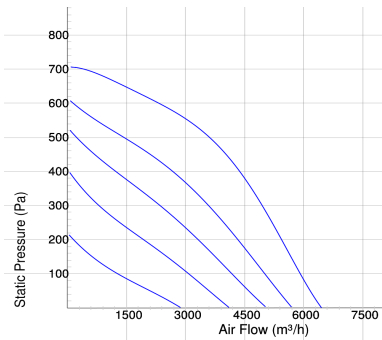
IRB 500 E3 ErP

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 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 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.
- When duct connected the fan can be installed outside or in damp environments.

Accessories

- VRDT 4
- VRTT 4
- MK 500
- BSV 500
- RSK 500
- VK 500



Voltage steps

1	2	3	4	5
95V	145V	185V	240V	400V

TECHNICAL DATA

7890119 IRB 500 E3 ErP

Voltage	400 V
Voltage Delta	230 V
Phase	3 ~
Frequency	50 Hz
Power	1130 W
Current	2.58 A
Current 2	4,49 A
Current Delta	4,49 A
Speed	1371 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	58 dB(A)
Weight	89.2 kg
Enclosure class	54 IP
Insulation class, motor	F
Duct connection	500 mm
Max. flow	6455 m³/h
Max. pressure	706 Pa
Voltage range	380-415 V

SOUND DATA

	Flow (m³/h)	L _{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 400V	5080	65	51	63	60	50	41	39	36	32
5. Outlet Lw dB(A) 400V	5080	81	64	78	74	71	70	64	63	62
5. Inlet Lw dB(A) 400V	5080	74	62	73	64	53	51	49	47	46
4. Inlet Lw dB(A) 240V	4388	70	58	69	59	48	47	45	43	42
3. Inlet Lw dB(A) 185V	3863	67	56	66	55	43	42	41	41	37
2. Inlet Lw dB(A) 145V	3143	62	55	61	50	37	38	36	37	32
1. Inlet Lw dB(A) 95V	2153	53	52	48	38	27	29	32	27	23

DIMENSIONS

