

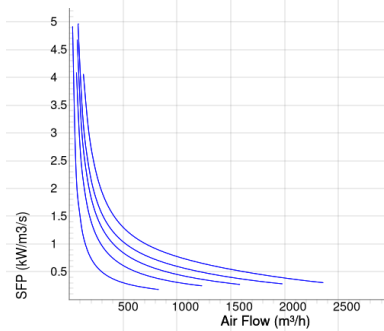
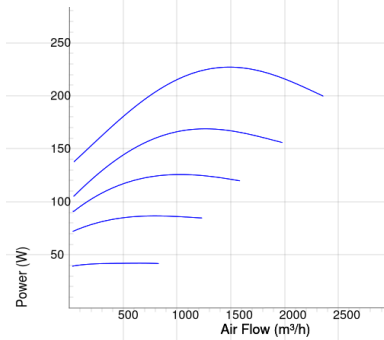
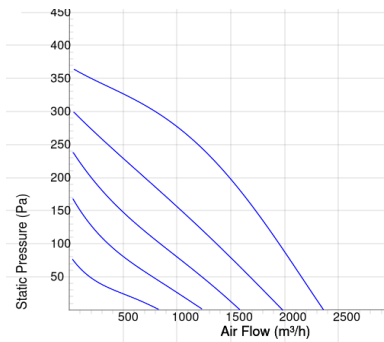
# IRB 355 B3 ErP

## 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 2
- VRTT 1
- MB Universal
- BSV 355
- RSK 355
- VK 355



## Voltage steps

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

## TECHNICAL DATA

7890121 IRB 355 B3 ErP	
Voltage	400 V
Voltage Delta	230 V
Phase	3 ~
Frequency	50 Hz
Power	228 W
Current	0.43 A
Current when speed controlled	0.45 A
Current Delta	0,75 A
Current Delta when speed controlled	0.78 A
Speed	1340 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	49 dB(A)
Weight	45.1 kg
Enclosure class	54 IP
Insulation class, motor	F
Duct connection	355 mm
Max. flow	2362 m³/h
Max. pressure	366 Pa
Voltage range	380-415 V

## SOUND DATA

	Flow (m³/h)	L <sub>WA</sub> tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 400V	1811	54.1	37.6	52.7	47.6	34.5	34.5	32.0	30.9	27.8
5. Outlet Lw dB(A) 400V	1811	68.7	54.6	66.2	63.7	54.0	52.1	50.2	52.0	41.4
5. Inlet Lw dB(A) 400V	1811	63.8	51.4	62.7	55.8	39.7	33.4	33.3	32.8	31.2
4. Inlet Lw dB(A) 240V	1429	63.0	49.9	62.4	52.1	35.8	29.8	29.0	33.3	25.4
3. Inlet Lw dB(A) 185V	1163	54.9	48.7	52.7	46.8	28.9	26.4	27.5	28.5	18.4
2. Inlet Lw dB(A) 145V	896	49.2	47.3	43.4	38.6	21.8	26.6	26.2	14.3	10.9
1. Inlet Lw dB(A) 95V	662	38.0	36.4	31.6	25.6	14.6	20.6	14.6	12.2	9.4

## DIMENSIONS

