

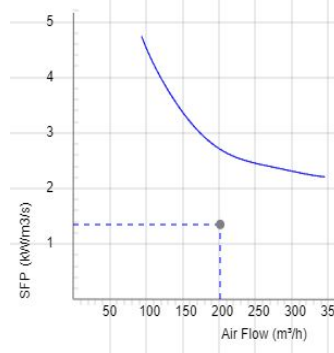
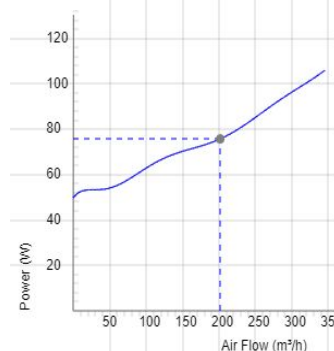
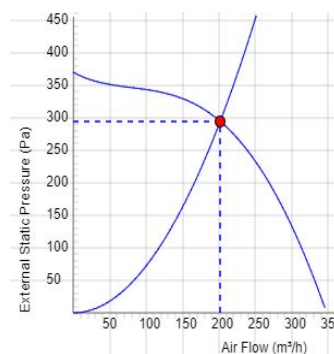


# IRE 160 B1

- 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.
- Impeller with forward 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.
- To comply with the ErP 2018 regulation, a local demand controller must be used.

**Accessories**

- VRTE C
- VRDE 1,5
- VRS 0.5
- Local Demand Controller Kit
- MB Universal
- MK 160
- BSV 160
- RSK 160
- YG 160
- VK 160
- FLK 160
- FLF 160
- LDC 160


**Voltage steps**

1
230V

**TECHNICAL DATA**

	7900082 IRE 160 B1 aut tp	7900008 IRE 160 B1 man tp
Voltage	230 V	230 V
Phase	1 ~	1 ~
Frequency	50 Hz	50 Hz
Power	105 W	105 W
Current	0.46 A	0.46 A
Speed	1650 r.p.m.	1650 r.p.m.
Max. temperature of transported air	70 °C	70 °C
Max. temperature of transported air when speed controlled	70 °C	70 °C
Sound pressure level at 3 m	37 dB(A)	37 dB(A)
Weight	10.1 kg	10.1 kg
Enclosure class	44 IP	44 IP
Insulation class, motor	F	F
Capacitor	2 µF	2 µF
Duct connection	160 mm	160 mm
Max. flow @ 0Pa	349.20097776274 m³/h	349.20097776274 m³/h
Max. pressure	369 Pa	369 Pa
Voltage range	220-240 V	220-240 V

**SOUND DATA**

	Flow (m³/h)	L <sub>WA</sub> tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
1. Surrounding Lw dB(A) 230V	209	44	28	38	41	35	31	29	27	28
1. Outlet Lw dB(A) 230V	209	69	54	61	62	64	62	60	54	45
1. Inlet Lw dB(A) 230V	209	60	42	56	56	52	45	40	36	27

**DIMENSIONS**
