

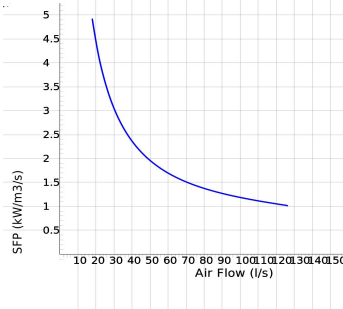
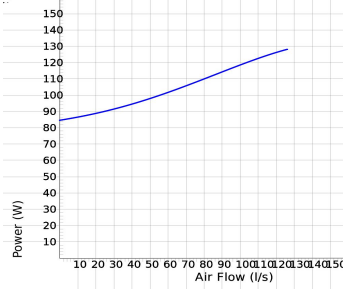
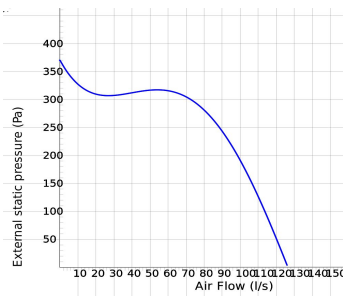
# IRE 160 C1

## IRE 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 duct runs.
- The design priorities 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 1.0
- Local Demand Controller Kit
- MB Universal
- MK 160
- BSV 160
- RSK 160
- YG 160
- VK 160
- FLK 160 Filter
- FLF 160 Filter
- LDC 160



## Voltage steps

1
230V

## TECHNICAL DATA

	7900084 IRE 160 C1 aut tp	7900010 IRE 160 C1 man tp
Voltage	230 V	230 V
Phase	1 ~	1 ~
Frequency	50 Hz	50 Hz
Power	127 W	127 W
Current	0.55 A	0.55 A
Speed	1850 r.p.m.	1850 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	38 dB(A)	38 dB(A)
Weight	10.1 kg	10.1 kg
Enclosure class	44 IP	44 IP
Insulation class, motor	F	F
Capacitor	4 µF	4 µF
Duct connection	160 mm	160 mm
Max. flow	130 l/s	130 l/s
Max. pressure	364 Pa	364 Pa
Voltage range	220-240 V	220-240 V

## SOUND DATA

	Flow (l/s)	L <sub>wa</sub> tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
1. Surrounding Lw dB(A) 230V	79	45	29	37	42	37	34	30	28	28
1. Outlet Lw dB(A) 230V	79	71	58	64	64	65	63	62	56	47
1. Inlet Lw dB(A) 230V	79	63	45	60	57	53	46	42	38	29

## DIMENSIONS

