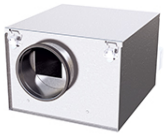


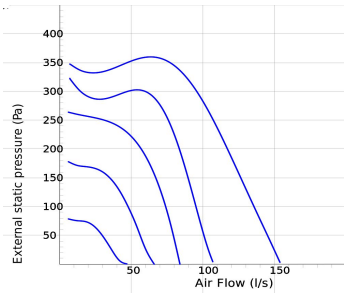
IRE 160 D1

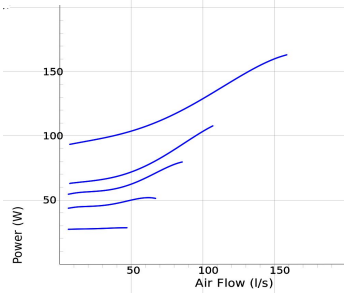
IRE Circular

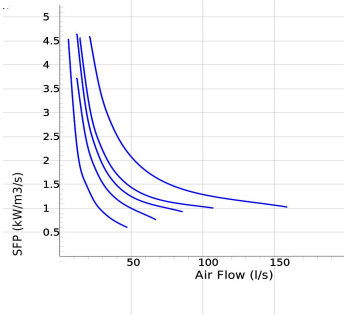
- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs.
- The design priorities functionality, durability and longevity.
- Impeller with forward curved blades.
- The 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
- FLF 160
- LDC 160







Voltage steps

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

TECHNICAL DATA	7900017 IRE 160 D1 man tp
Voltage	230 V
Phase	1 ~
Frequency	50 Hz
Power	164 W
Current	0.72 A
Current when speed controlled	0.72 A
Speed	2220 r.p.m.
Max. temperature of transported air	70 °C
Max. temperature of transported air when speed controlled	65 °C
Sound pressure level at 3 m	43 dB(A)
Weight	10.3 kg
Enclosure class	44 IP
Insulation class, motor	F
Capacitor	4 µF
Duct connection	160 mm
Max. flow	155 l/s
Max. pressure	364 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	120	50	33	47	44	41	35	32	30	29
5. Outlet Lw dB(A) 230V	120	79	64	69	71	72	69	71	69	69
5. Inlet Lw dB(A) 230V	120	67	50	66	60	53	44	48	46	45
4. Inlet Lw dB(A) 165V	94	62	45	60	54	47	40	42	39	37
3. Inlet Lw dB(A) 135V	76	57	42	55	49	40	36	35	32	28
2. Inlet Lw dB(A) 110V	57	51	34	50	43	35	29	28	24	17
1. Inlet Lw dB(A) 80V	41	43	28	42	34	27	18	16	11	10

DIMENSIONS