

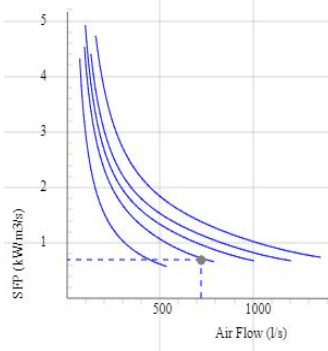
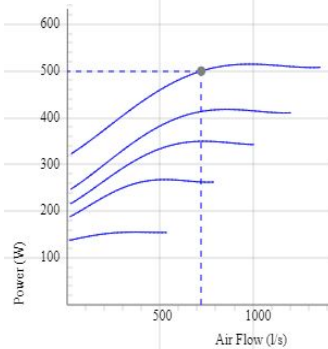
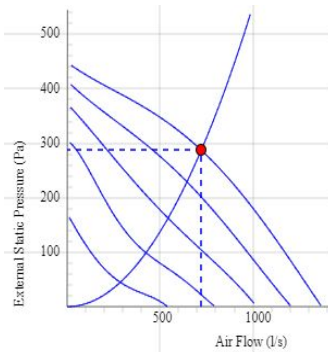


IRB 700x400 D1

- Insulated duct fan with rectangular 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.
- Operational in both 50 and 60 Hz.
- 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 can be connected.
- The housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- A duct connected fan can be installed outside or in damp environments.

Accessories

- VRTE 3
- VRDE 3
- Dukstos 700x400
- LDR 700x400



Voltage steps

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

TECHNICAL DATA

| | | 7890172 IRB 700x400 D1 |
|---|--|---------------------------|
| Voltage | | 230 V |
| Phase | | 1 ~ |
| Frequency | | 50 Hz |
| Optional frequency | | 60 Hz |
| Power | | 527 W |
| Current | | 2.4 A |
| Current when speed controlled | | 2.70 A |
| Speed | | 1330 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 | | 55 dB(A) |
| Weight | | 63.2 kg |
| Enclosure class | | 54 IP |
| Insulation class, motor | | F |
| Capacitor | | 12 µF |
| Duct connection | | 700x400 mm |
| Max. flow @ 0Pa | | 1371 l/s |
| Max. pressure | | 447 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 L_w dB(A) 230V | 847 | 62 | 42 | 58 | 59 | 47 | 45 | 40 | 36 | 34 |
| 5. Outlet L_w dB(A) 230V | 826 | 79 | 61 | 73 | 71 | 67 | 73 | 70 | 65 | 58 |
| 5. Inlet L_w dB(A) 230V | 826 | 69 | 55 | 68 | 61 | 58 | 53 | 51 | 47 | 42 |
| 4. Inlet L_w dB(A) 165V | 747 | 68 | 53 | 68 | 57 | 55 | 49 | 48 | 42 | 38 |
| 3. Inlet L_w dB(A) 135V | 613 | 62 | 50 | 61 | 53 | 50 | 44 | 43 | 37 | 32 |
| 2. Inlet L_w dB(A) 110V | 527 | 56 | 45 | 55 | 47 | 41 | 36 | 37 | 28 | 22 |
| 1. Inlet L_w dB(A) 80V | 376 | 46 | 39 | 45 | 34 | 29 | 24 | 22 | 15 | 11 |

DIMENSIONS

