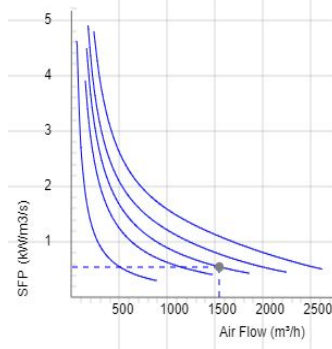
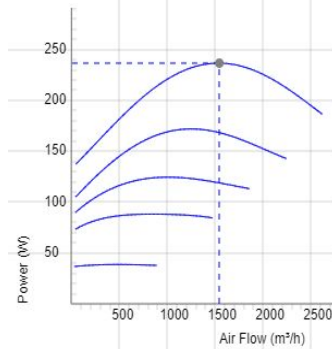
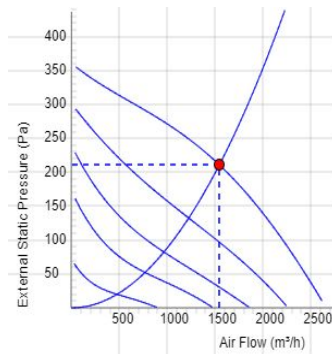


IRB 600x350 B3

- 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.
- 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

- VRTT 1
- VRDT 2
- MB Universal
- Dukstos 600x350
- LDR 600x350



Voltage steps

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

TECHNICAL DATA

| 7890112 IRB 600x350 B3 | |
|---|----------------------|
| Voltage | 400 V |
| Voltage Delta | 230 V |
| Phase | 3 ~ |
| Frequency | 50 Hz |
| Power | 235 W |
| Current | 0.45 A |
| Current when speed controlled | 0.46 A |
| Current Delta | 0,78 A |
| Current Delta when speed controlled | 0.8 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 | 47 dB(A) |
| Weight | 46.2 kg |
| Enclosure class | 54 IP |
| Insulation class, motor | F |
| Capacitor | - µF |
| Max. flow @ 0Pa | 2660.4074491409 m³/h |
| Max. pressure | 357 Pa |
| Voltage range | 380-415 V |

SOUND DATA

| | Flow (m³/h) | L_{WA} tot dB (A) | 63Hz | 125Hz | 250Hz | 500Hz | 1KHz | 2KHz | 4KHz | 8KHz |
|------------------------------|-------------|------------------------|------|-------|-------|-------|------|------|------|------|
| 5. Surrounding Lw dB(A) 400V | 1440 | 54 | 31 | 52 | 48 | 38 | 37 | 35 | 33 | 31 |
| 5. Outlet Lw dB(A) 400V | 1440 | 68 | 51 | 66 | 62 | 54 | 57 | 52 | 50 | 45 |
| 5. Inlet Lw dB(A) 400V | 1440 | 63 | 47 | 62 | 54 | 45 | 41 | 42 | 40 | 36 |
| 4. Inlet Lw dB(A) 240V | 1156 | 59 | 45 | 58 | 51 | 38 | 35 | 35 | 36 | 29 |
| 3. Inlet Lw dB(A) 185V | 878 | 53 | 48 | 49 | 43 | 31 | 28 | 34 | 33 | 19 |
| 2. Inlet Lw dB(A) 145V | 792 | 46 | 43 | 39 | 38 | 28 | 21 | 31 | 16 | 10 |
| 1. Inlet Lw dB(A) 95V | 313 | 33 | 28 | 29 | 23 | 11 | 19 | 14 | 12 | 9 |

DIMENSIONS

