

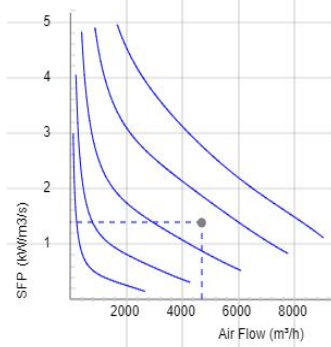
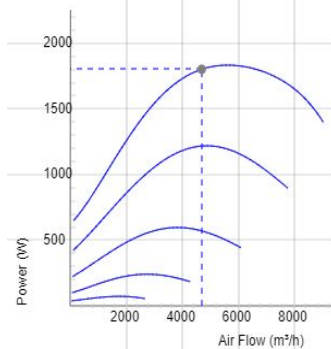
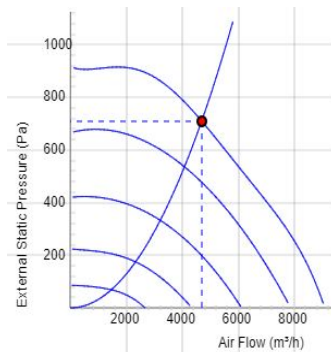
RKB 800x500 D3 EC



- Duct fan with rectangular connections.
- Proven performance and reliability.
- High capacity and very good efficiency.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Integrated motor protection.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- A duct connected fan can be installed outside or in damp environments.
- Easy installation in any position.

Accessories

- Speed controller MS EC
- Controller IQ-Reg EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- LDR 800x500
- Dukstos 800x500


Voltage steps

| | | | | |
|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 |
| 2V | 4V | 6V | 8V | 10V |

TECHNICAL DATA

| | | 7480219 RKB 800x500 D3 EC-y1 |
|-------------------------------------|--|---------------------------------|
| Voltage | | 400 V |
| Phase | | 3 ~ |
| Frequency | | 50/60 Hz |
| Power | | 1810 W |
| Current | | 2.79 A |
| Speed | | 1550 r.p.m. |
| Max. temperature of transported air | | 60 °C |
| Sound pressure level at 3 m | | 64 dB(A) |
| Weight | | 50.5 kg |
| Enclosure class | | 44 IP |
| Insulation class, motor | | F |
| Duct connection | | 800x500 mm |
| Max. flow @ 0Pa | | 9082.8254319112 m³/h |
| Max. pressure | | 919 Pa |
| Voltage range | | 380-480 V |

SOUND DATA

| | Flow (m³/h) | L_{WA} tot dB (A) | 63Hz | 125Hz | 250Hz | 500Hz | 1KHz | 2KHz | 4KHz | 8KHz |
|-----------------------------|-------------|------------------------|------|-------|-------|-------|------|------|------|------|
| 5. Surrounding Lw dB(A) 10V | 5728 | 71 | 51 | 60 | 69 | 64 | 61 | 56 | 50 | 44 |
| 5. Outlet Lw dB(A) 10V | 5728 | 90 | 63 | 73 | 86 | 80 | 85 | 81 | 75 | 66 |
| 5. Inlet Lw dB(A) 10V | 5728 | 83 | 62 | 71 | 77 | 71 | 77 | 76 | 71 | 62 |
| 4. Inlet Lw dB(A) 8V | 4975 | 80 | 59 | 71 | 76 | 68 | 74 | 72 | 67 | 59 |
| 3. Inlet Lw dB(A) 6V | 3906 | 74 | 54 | 70 | 62 | 61 | 68 | 65 | 60 | 52 |
| 2. Inlet Lw dB(A) 4V | 2786 | 66 | 49 | 61 | 54 | 52 | 61 | 56 | 50 | 41 |
| 1. Inlet Lw dB(A) 2V | 1778 | 52 | 45 | 44 | 42 | 41 | 47 | 42 | 34 | 26 |

DIMENSIONS
