



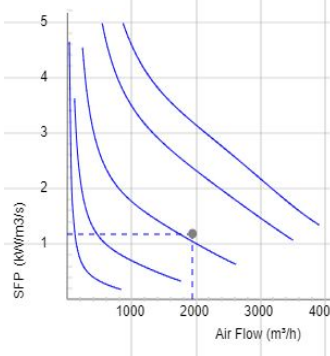
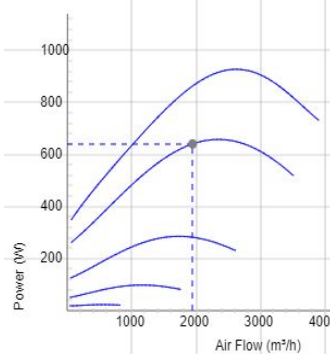
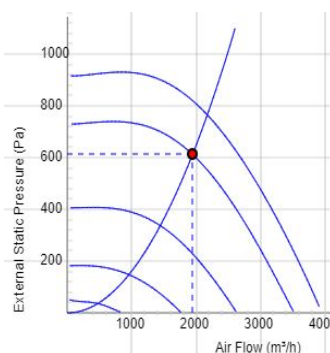
# RKB 600x300 B1 EC



- 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
- MB Universal
- LDR 600x300
- Dukstos 600x300


**Voltage steps**

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

**TECHNICAL DATA**

| 7480211<br>RKB 600x300 B1 EC-y1     |                     |
|-------------------------------------|---------------------|
| Voltage                             | 230 V               |
| Phase                               | 1 ~                 |
| Frequency                           | 50/60 Hz            |
| Power                               | 928 W               |
| Current                             | 4.07 A              |
| Speed                               | 2210 r.p.m.         |
| Max. temperature of transported air | 60 °C               |
| Sound pressure level at 3 m         | 65 dB(A)            |
| Weight                              | 24.8 kg             |
| Enclosure class                     | 44 IP               |
| Insulation class, motor             | F                   |
| Duct connection                     | 600x300 mm          |
| Max. flow @ 0Pa                     | 3956.411077951 m³/h |
| Max. pressure                       | 930 Pa              |
| Voltage range                       | 200-277 V           |

**SOUND DATA**

|                             | Flow (m³/h) | $L_{WA}$<br>tot dB (A) | 63Hz | 125Hz | 250Hz | 500Hz | 1KHz | 2KHz | 4KHz | 8KHz |
|-----------------------------|-------------|------------------------|------|-------|-------|-------|------|------|------|------|
| 5. Surrounding Lw dB(A) 10V | 2848        | 72                     | 51   | 56    | 68    | 63    | 66   | 60   | 53   | 51   |
| 5. Outlet Lw dB(A) 10V      | 2848        | 91                     | 63   | 71    | 86    | 82    | 84   | 85   | 77   | 70   |
| 5. Inlet Lw dB(A) 10V       | 2848        | 83                     | 62   | 71    | 77    | 75    | 75   | 76   | 72   | 65   |
| 4. Inlet Lw dB(A) 8V        | 2441        | 80                     | 60   | 68    | 76    | 72    | 71   | 73   | 68   | 61   |
| 3. Inlet Lw dB(A) 6V        | 1912        | 76                     | 54   | 65    | 74    | 64    | 64   | 66   | 60   | 52   |
| 2. Inlet Lw dB(A) 4V        | 1199        | 64                     | 46   | 60    | 59    | 53    | 54   | 56   | 49   | 39   |
| 1. Inlet Lw dB(A) 2V        | 684         | 47                     | 36   | 39    | 41    | 39    | 43   | 35   | 34   | 25   |

**DIMENSIONS**
