

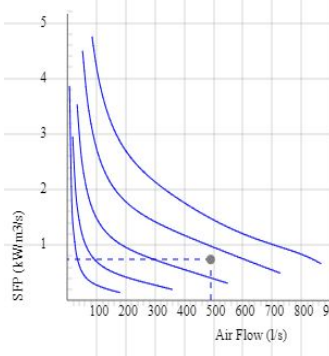
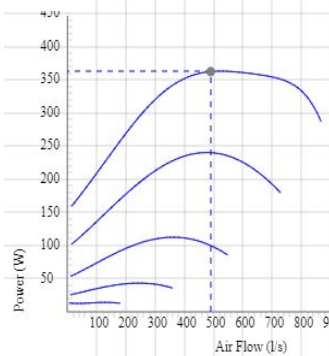
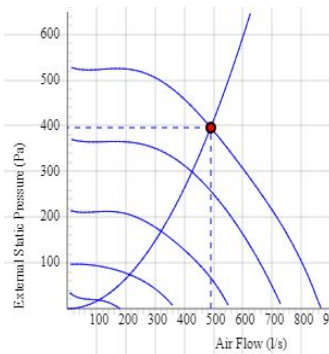


# RKB 600x350 A1 EC

- 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 600x350
- Dukstos 600x350



## Voltage steps

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

## TECHNICAL DATA

| 7480213<br>RKB 600x350 A1 EC-y1                           |             |
|---|-------------|
| Voltage   | 230 V       |
| Phase   | 1 ~         |
| Frequency   | 50/60 Hz    |
| Power   | 360 W       |
| Current   | 1.59 A      |
| Speed   | 1640 r.p.m. |
| Max. temperature of transported air                       | 60 °C       |
| Max. temperature of transported air when speed controlled | 60 °C       |
| Sound pressure level at 3 m                               | 56 dB(A)    |
| Weight  | 23.3 kg     |
| Enclosure class   | 44 IP       |
| Insulation class, motor                                   | F           |
| Duct connection   | 600x350 mm  |
| Max. flow @ 0Pa   | 866 l/s     |
| Max. pressure   | 532 Pa      |
| Voltage range   | 200-277 V   |

## SOUND DATA

|                             | Flow (l/s) | L <sub>wa</sub> tot dB (A) | 63Hz | 125Hz | 250Hz | 500Hz | 1KHz | 2KHz | 4KHz | 8KHz |
|-----------------------------|------------|----------------------------|------|-------|-------|-------|------|------|------|------|
| 5. Surrounding Lw dB(A) 10V | 585        | 63                         | 40   | 46    | 62    | 53    | 54   | 51   | 43   | 36   |
| 5. Outlet Lw dB(A) 10V      | 608        | 82                         | 53   | 63    | 80    | 73    | 74   | 73   | 66   | 58   |
| 5. Inlet Lw dB(A) 10V       | 608        | 77                         | 52   | 62    | 75    | 66    | 67   | 68   | 62   | 54   |
| 4. Inlet Lw dB(A) 8V        | 521        | 77                         | 49   | 62    | 75    | 62    | 65   | 66   | 59   | 51   |
| 3. Inlet Lw dB(A) 6V        | 401        | 67                         | 44   | 62    | 59    | 54    | 59   | 59   | 50   | 41   |
| 2. Inlet Lw dB(A) 4V        | 277        | 58                         | 41   | 53    | 52    | 46    | 51   | 46   | 39   | 25   |
| 1. Inlet Lw dB(A) 2V        | 150        | 40                         | 31   | 32    | 34    | 28    | 34   | 27   | 31   | 15   |

## DIMENSIONS

