



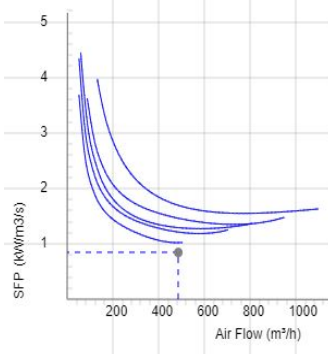
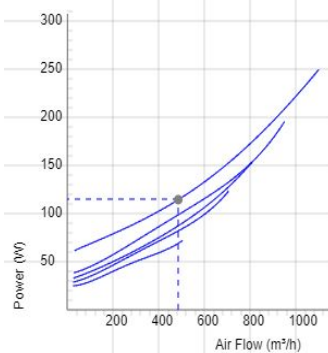
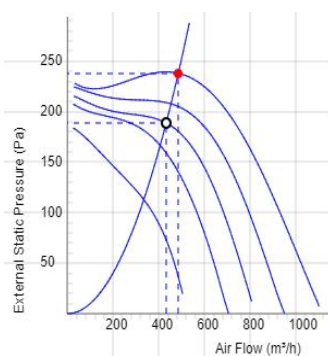
# RK 400x200 C3



- Duct fan with rectangular connections.
- Proven performance and reliability.
- Designed to cope with high pressure and long ducts.
- Impeller with forward 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.
- 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

- VRTT 1
- VRDT 2
- MB Universal
- RK Kit 200 (400x200)
- Dukstos 400x200
- LDR 400x200



### Voltage steps

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

### TECHNICAL DATA

| 7500047<br>RK 400x200 C3            |                      |
|-------------------------------------|----------------------|
| Voltage                             | 400 V                |
| Voltage Delta                       | 230 V                |
| Phase                               | 3 ~                  |
| Frequency                           | 50 Hz                |
| Power                               | 252 W                |
| Current                             | 0.46 A               |
| Current Delta                       | 0.80 A               |
| Speed                               | 1260 r.p.m.          |
| Max. temperature of transported air | 80 °C                |
| Sound pressure level at 3 m         | 49 dB(A)             |
| Weight                              | 13.0 kg              |
| Enclosure class                     | 44 IP                |
| Insulation class, motor             | F                    |
| Capacitor                           | - µF                 |
| Duct connection                     | 400x200 mm           |
| Max. flow @ 0Pa                     | 1116.0031248087 m³/h |
| Max. pressure                       | 240 Pa               |
| Voltage range                       | 380-415 V            |

### SOUND DATA

|                                 | Flow (m³/h) | $L_{WA}$<br>tot dB (A) | 63Hz | 125Hz | 250Hz | 500Hz | 1KHz | 2KHz | 4KHz | 8KHz |
|---------------------------------|-------------|------------------------|------|-------|-------|-------|------|------|------|------|
| 5. Surrounding $L_w$ dB(A) 400V | 824         | 56                     | 39   | 45    | 51    | 51    | 48   | 45   | 41   | 35   |
| 5. Outlet $L_w$ dB(A) 400V      | 824         | 75                     | 56   | 62    | 67    | 67    | 66   | 68   | 66   | 62   |
| 5. Inlet $L_w$ dB(A) 400V       | 824         | 70                     | 57   | 64    | 65    | 63    | 59   | 59   | 59   | 54   |
| 4. Inlet $L_w$ dB(A) 240V       | 788         | 67                     | 53   | 61    | 62    | 60    | 55   | 56   | 55   | 49   |
| 3. Inlet $L_w$ dB(A) 185V       | 713         | 63                     | 51   | 57    | 57    | 57    | 52   | 52   | 51   | 43   |
| 2. Inlet $L_w$ dB(A) 145V       | 634         | 59                     | 48   | 53    | 54    | 53    | 47   | 47   | 46   | 36   |
| 1. Inlet $L_w$ dB(A) 95V        | 493         | 48                     | 39   | 42    | 42    | 43    | 37   | 34   | 29   | 17   |

### DIMENSIONS

