

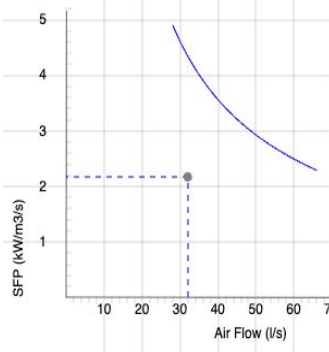
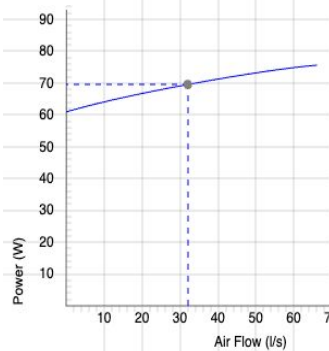
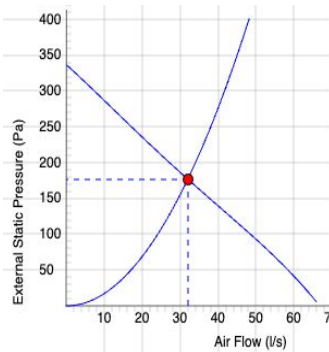


# RS 100 C1

- Exhaust wall fan with circular inlet connection.
- Designed for mounting on external wall.
- 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 or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Black painted for high durability.
- To comply with the ErP 2018 regulation, a local demand controller must be used.

## Accessories

- VRTE C
- VRDE 1,5
- VRS 0.5
- Local Demand Controller Kit
- RSK 100
- LDC 100



## Voltage steps

|      |
|------|
| 1    |
| 230V |

## TECHNICAL DATA

|                                                           | 7400022<br>RS 100 C1 aut tp | 7400027<br>RS 100 C1 man tp |
|-----------------------------------------------------------|-----------------------------|-----------------------------|
| Voltage                                                   | 230 V                       | 230 V                       |
| Phase                                                     | 1 ~                         | 1 ~                         |
| Frequency                                                 | 50 Hz                       | 50 Hz                       |
| Optional frequency                                        | 60 Hz                       | 60 Hz                       |
| Power                                                     | 76 W                        | 76 W                        |
| Current                                                   | 0.34 A                      | 0.34 A                      |
| Speed                                                     | 2490 r.p.m.                 | 2490 r.p.m.                 |
| Max. temperature of transported air                       | 60 °C                       | 60 °C                       |
| Max. temperature of transported air when speed controlled | 60 °C                       | 60 °C                       |
| Sound pressure level at 3 m                               | 63 dB(A)                    | 63 dB(A)                    |
| Weight                                                    | 3.4 kg                      | 3.4 kg                      |
| Enclosure class                                           | 44 IP                       | 44 IP                       |
| Insulation class, motor                                   | F                           | F                           |
| Capacitor                                                 | 2 µF                        | 2 µF                        |
| Duct connection                                           | 100 mm                      | 100 mm                      |
| Max. flow @ 0Pa                                           | 67 l/s                      | 67 l/s                      |
| Max. pressure                                             | 334 Pa                      | 334 Pa                      |
| Voltage range                                             | 220-240 V                   | 220-240 V                   |

## SOUND DATA

|                              | Flow (l/s) | L <sub>wa</sub> tot dB (A) | 63Hz | 125Hz | 250Hz | 500Hz | 1KHz | 2KHz | 4KHz | 8KHz |
|------------------------------|------------|----------------------------|------|-------|-------|-------|------|------|------|------|
| 1. Surrounding Lw dB(A) 230V | 57         | 70                         | 38   | 45    | 58    | 65    | 66   | 64   | 58   | 48   |
| 1. Inlet Lw dB(A) 230V       | 57         | 74                         | 62   | 59    | 65    | 68    | 70   | 65   | 59   | 52   |

## DIMENSIONS

