

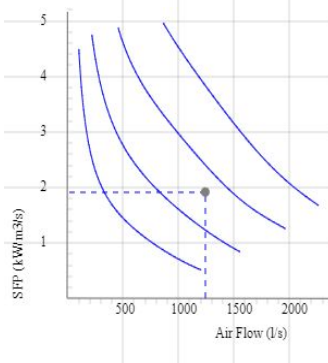
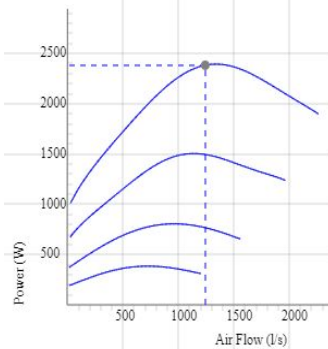
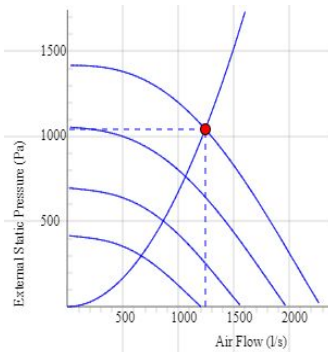


# RKB 700x400 E3 EC

- 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

- Controller IQ-Reg EC
- Speed controller MS EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- MB Universal
- Dukstos 700x400
- LDR 700x400



## Voltage steps

1	2	3	4
5.5V	7V	8.5V	10V

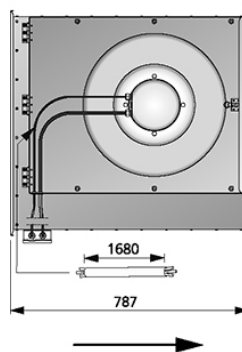
## TECHNICAL DATA

7480105 RKB 700x400 E3 EC	
Voltage	400 V
Phase	3 ~
Frequency	50/60 Hz
Power	2420 W
Current	3.68 A
Speed	2130 r.p.m.
Max. temperature of transported air	40 °C
Max. temperature of transported air when speed controlled	40 °C
Sound pressure level at 3 m	72 dB(A)
Weight	43.4 kg
Enclosure class	54 IP
Insulation class, motor	F
Duct connection	700x400 mm
Max. flow @ 0Pa	2286 l/s
Max. pressure	1430 Pa
Voltage range	380-480 V

## SOUND DATA

	Flow (l/s)	L <sub>wa</sub> tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
4. Surrounding Lw dB(A) 10V	1949	79	56	64	78	71	67	58	53	50
4. Outlet Lw dB(A) 10V	1949	96	77	83	94	88	88	82	76	73
4. Inlet Lw dB(A) 10V	1949	90	75	80	88	81	79	77	72	68
3. Inlet Lw dB(A) 8.5V	1632	87	71	79	85	77	74	72	67	65
2. Inlet Lw dB(A) 7V	1316	81	67	78	76	71	68	65	61	61
1. Inlet Lw dB(A) 5.5V	1007	74	62	70	68	64	60	58	56	52

## DIMENSIONS



( mm )

