



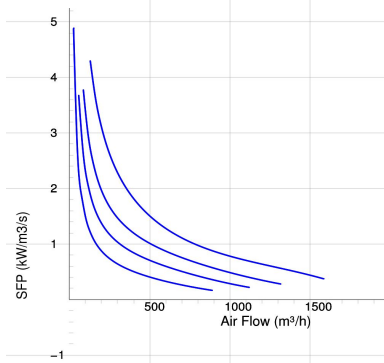
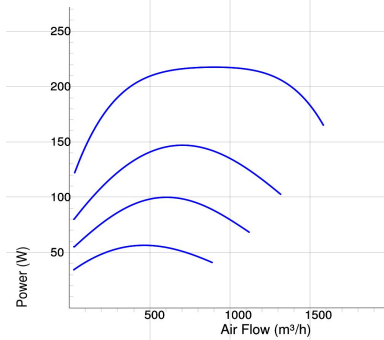
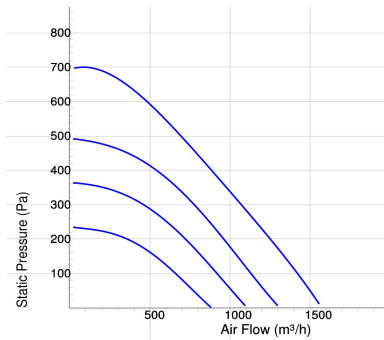
# RKB 500x250 B1 EC

RKB 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 the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

## Accessories

- Speed controller MS EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- MB Universal
- Dukstos 500x250



## Voltage steps

1	2	3	4
5V	7V	8V	10V

## TECHNICAL DATA

### 7470059 RKB 500x250 B1 EC

Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	216 W
Current	0.96 A
Speed	2760 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	55 dB(A)
Weight	14.5 kg
Enclosure class	54 IP
Insulation class, motor	F
Duct connection	500x250 mm
Max. flow	1573 m³/h
Max. pressure	719 Pa
Voltage range	200-277 V

## SOUND DATA

	Flow (m³/h)	L <sub>wa</sub> tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
4. Surrounding Lw dB(A) 10V	979	61	36	47	56	57	53	52	47	40
4. Outlet Lw dB(A) 10V	979	81	59	60	67	78	74	75	70	64
4. Inlet Lw dB(A) 10V	979	73	55	59	65	63	67	67	64	59
3. Inlet Lw dB(A) 8V	806	70	49	56	63	60	64	63	60	54
2. Inlet Lw dB(A) 7V	712	67	47	53	60	59	62	59	57	49
1. Inlet Lw dB(A) 5V	576	64	43	50	62	50	54	54	52	41

## DIMENSIONS

