

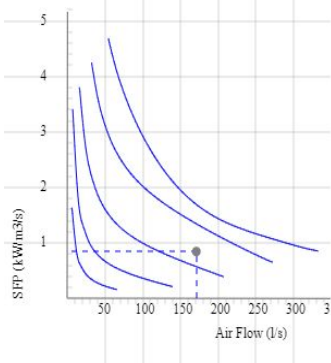
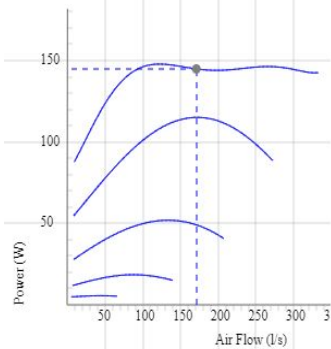
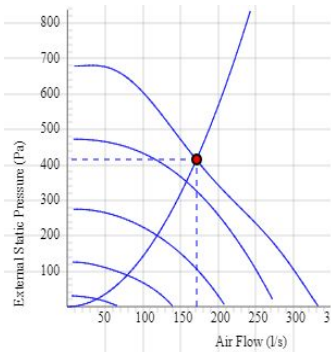


# RKB 500x250 A1 EC

- 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 500x250
- Dukstos 500x250



## Voltage steps

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

## TECHNICAL DATA

7470089 RKB 500x250 A1 EC-y3	
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	146 W
Current	1.17 A
Speed	2740 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	48 dB(A)
Weight	11.9 kg
Enclosure class	44 IP
Insulation class, motor	F
Duct connection	500x250 mm
Max. flow @ 0Pa	333 l/s
Max. pressure	686 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	201	55	37	46	52	49	45	45	39	31
5. Outlet Lw dB(A) 10V	201	75	48	53	69	63	66	70	65	55
5. Inlet Lw dB(A) 10V	201	69	50	53	65	55	63	64	60	51
4. Inlet Lw dB(A) 8V	187	69	46	52	66	53	61	62	57	48
3. Inlet Lw dB(A) 6V	137	63	40	48	60	47	54	54	50	38
2. Inlet Lw dB(A) 4V	95	52	33	47	47	40	44	46	34	23
1. Inlet Lw dB(A) 2V	42	35	25	28	33	24	24	17	19	11

## DIMENSIONS

