



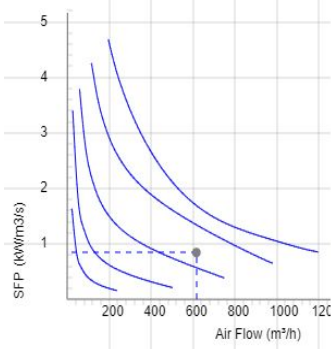
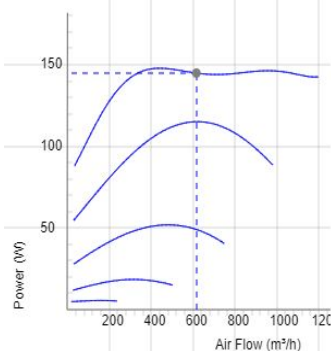
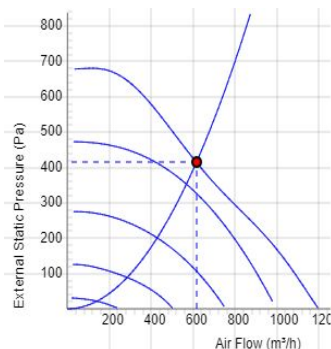
# RKB 500x250 A1 EC



- 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	1198.8033566494 m³/h
Max. pressure	686 Pa
Voltage range	200-277 V

**SOUND DATA**

	Flow (m³/h)	$L_{wA}$ tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding $L_w$ dB(A) 10V	724	55	37	46	52	49	45	45	39	31
5. Outlet $L_w$ dB(A) 10V	724	75	48	53	69	63	66	70	65	55
5. Inlet $L_w$ dB(A) 10V	724	69	50	53	65	55	63	64	60	51
4. Inlet $L_w$ dB(A) 8V	673	69	46	52	66	53	61	62	57	48
3. Inlet $L_w$ dB(A) 6V	493	63	40	48	60	47	54	54	50	38
2. Inlet $L_w$ dB(A) 4V	342	52	33	47	47	40	44	46	34	23
1. Inlet $L_w$ dB(A) 2V	151	35	25	28	33	24	24	17	19	11

**DIMENSIONS**
