



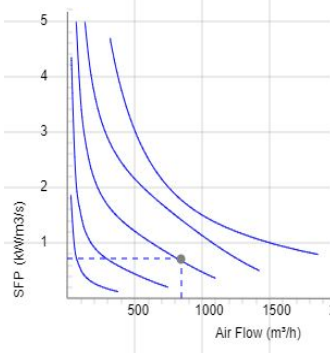
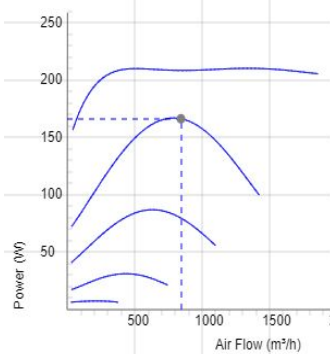
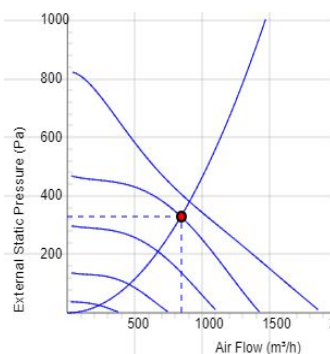
RKB 500x250 C1 EC



- 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

7470090 RKB 500x250 C1 EC-y1	
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	210 W
Current	1.67 A
Speed	2320 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	52 dB(A)
Weight	12.9 kg
Enclosure class	44 IP
Insulation class, motor	F
Duct connection	500x250 mm
Max. flow @ 0Pa	1890.0052920148 m³/h
Max. pressure	830 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 Lw dB(A) 10V	1008	59	44	49	51	56	48	48	43	38
5. Outlet Lw dB(A) 10V	1008	78	52	56	66	73	69	72	66	63
5. Inlet Lw dB(A) 10V	1008	72	52	57	64	63	65	66	62	58
4. Inlet Lw dB(A) 8V	932	70	51	56	63	62	63	64	60	55
3. Inlet Lw dB(A) 6V	742	65	45	50	63	53	56	57	54	46
2. Inlet Lw dB(A) 4V	486	59	38	45	57	46	47	49	43	32
1. Inlet Lw dB(A) 2V	248	43	30	34	42	28	30	26	18	12

DIMENSIONS
