



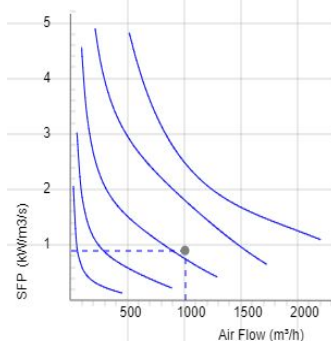
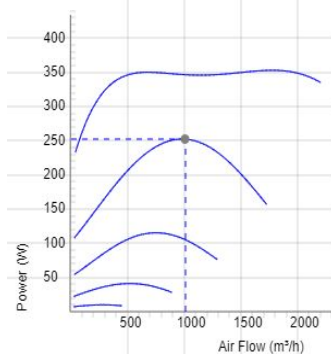
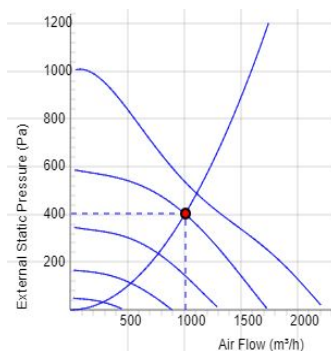
RKB 500x250 D1 EC



- 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

7470091 RKB 500x250 D1 EC-y1	
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	352 W
Current	2.67 A
Speed	2830 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	57 dB(A)
Weight	12.9 kg
Enclosure class	44 IP
Insulation class, motor	F
Duct connection	500x250 mm
Max. flow @ 0Pa	2242.8062798576 m³/h
Max. pressure	1006 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	1220	64	48	54	57	59	55	54	49	44
5. Outlet L_w dB(A) 10V	1220	84	56	62	72	78	76	79	74	70
5. Inlet L_w dB(A) 10V	1220	77	56	62	70	68	70	72	69	64
4. Inlet L_w dB(A) 8V	1127	75	54	60	69	66	67	69	66	60
3. Inlet L_w dB(A) 6V	857	69	48	55	66	59	60	62	59	51
2. Inlet L_w dB(A) 4V	590	63	41	49	61	49	50	52	48	39
1. Inlet L_w dB(A) 2V	313	46	29	39	44	33	33	33	26	16

DIMENSIONS

