



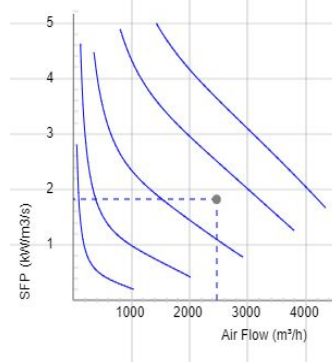
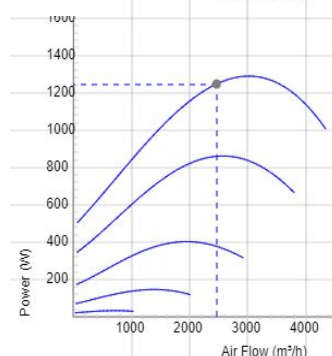
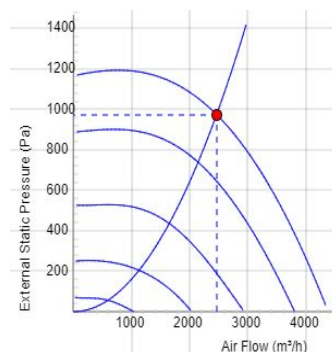
# RKB 600x300 E3 EC



- 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 600x300
- Dukstos 600x300



### Voltage steps

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

### TECHNICAL DATA

7480212 RKB 600x300 E3 EC-y1	
Cos	0.93
Voltage	400 V
Phase	3 ~
Frequency	50/60 Hz
Power	1300 W
Current	2.01 A
Speed	2500 r.p.m.
Max. temperature of transported air	60 °C
Max. temperature of transported air when speed controlled	60 °C
Sound pressure level at 3 m	69 dB(A)
Weight	24.7 kg
Enclosure class	44 IP
Insulation class, motor	F
Duct connection	600x300 mm
Max. flow @ 0Pa	4381.2122673943 m³/h
Max. pressure	1187 Pa
Voltage range	380-480 V

### SOUND DATA

	Flow (m³/h)	L <sub>WA</sub> tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 10V	3496	76	56	61	71	69	71	65	58	57
5. Outlet Lw dB(A) 10V	3496	94	67	75	87	87	88	89	82	75
5. Inlet Lw dB(A) 10V	3496	86	65	74	79	80	79	81	76	69
4. Inlet Lw dB(A) 8V	3085	84	63	71	79	76	76	77	72	65
3. Inlet Lw dB(A) 6V	2423	79	57	67	77	69	68	70	65	57
2. Inlet Lw dB(A) 4V	1631	70	50	65	65	59	59	61	54	46
1. Inlet Lw dB(A) 2V	907	54	43	48	48	45	45	45	42	29

### DIMENSIONS

