

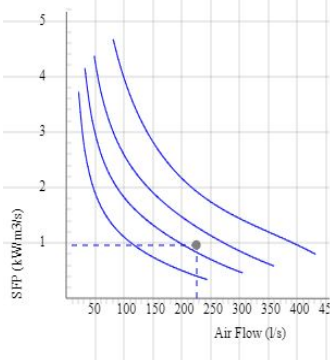
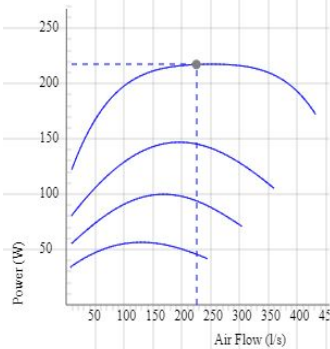
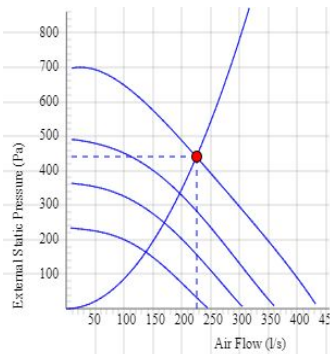


RKB 500x250 B1 EC

- 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

- Controller IQ-Reg EC
- Speed controller MS EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- MB Universal
- Dukstos 500x250
- LDR 500x250



Voltage steps

1	2	3	4
5V	7V	8V	10V

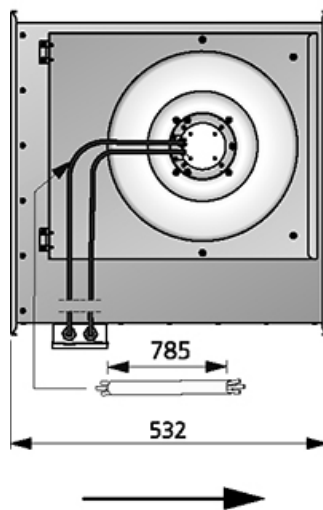
TECHNICAL DATA

7470059 RKB 500x250 B1 EC	
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	216 W
Current	0.96 A
Speed	2760 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	55 dB(A)
Weight	14.5 kg
Enclosure class	54 IP
Insulation class, motor	F
Duct connection	500x250 mm
Max. flow @ 0Pa	437 l/s
Max. pressure	719 Pa
Voltage range	200-277 V

SOUND DATA

	Flow (l/s)	L _{wa} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
4. Surrounding Lw dB(A) 10V	272	62	36	47	56	57	54	53	48	40
4. Outlet Lw dB(A) 10V	272	82	59	60	68	78	74	75	70	65
4. Inlet Lw dB(A) 10V	272	74	55	59	66	63	68	68	65	60
3. Inlet Lw dB(A) 8V	224	70	49	56	63	60	64	64	61	55
2. Inlet Lw dB(A) 7V	198	67	47	53	61	59	62	60	57	49
1. Inlet Lw dB(A) 5V	160	64	43	50	62	51	54	55	53	42

DIMENSIONS



(mm)

