

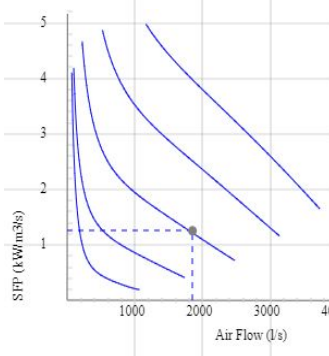
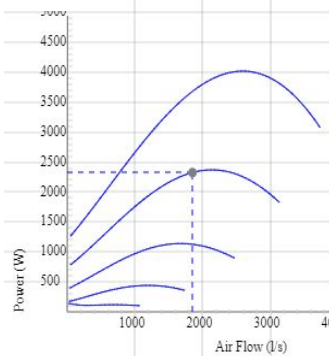
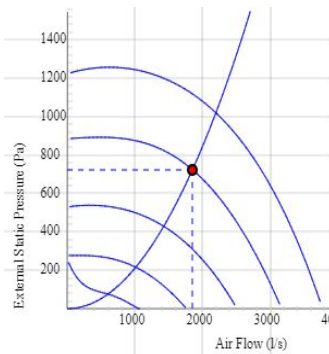


RKB 1000x500 F3 EC

- 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

- Pressure regulator CALAIR-PR-230V
- Speed controller MS EC
- Pressure regulator FKP-R
- Controller IQ-Reg EC
- Dukstos 1000x500
- LDR 1000x500



Voltage steps

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

TECHNICAL DATA

7480232 RKB 1000x500 F3 EC-y1	
Voltage	400 V
Phase	3 ~
Frequency	50/60 Hz
Power	4010 W
Current	6.1 A
Speed	1640 r.p.m.
Max. temperature of transported air	45 °C
Sound pressure level at 3 m	69 dB(A)
Weight	92.6 kg
Enclosure class	54 IP
Insulation class, motor	F
Duct connection	1000x500 mm
Max. flow @ 0Pa	3775 l/s
Max. pressure	1265 Pa
Voltage range	380-480 V

SOUND DATA

	Flow (l/s)	L _{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 10V	2257	76	58	67	73	68	67	64	59	56
5. Outlet Lw dB(A) 10V	2257	95	68	78	87	87	91	88	84	75
5. Inlet Lw dB(A) 10V	2257	88	67	74	78	77	83	82	78	69
4. Inlet Lw dB(A) 8V	1888	83	63	72	74	73	79	77	72	64
3. Inlet Lw dB(A) 6V	1412	77	57	70	66	66	73	70	65	57
2. Inlet Lw dB(A) 4V	1000	69	54	63	57	58	65	61	55	45
1. Inlet Lw dB(A) 2V	578	57	46	47	44	52	53	47	36	26

DIMENSIONS

