



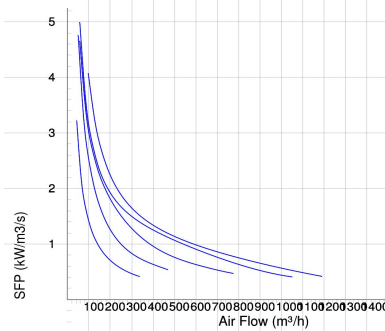
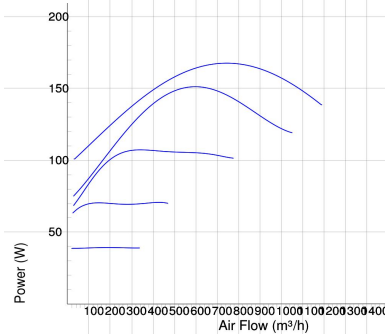
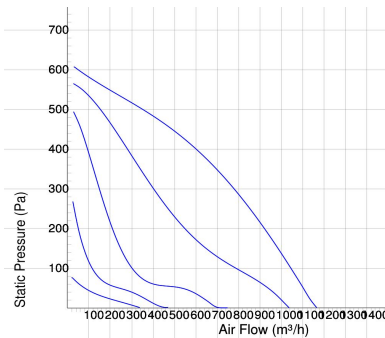
RKB 500x250 B1 ErP 50/(60)Hz

RKB 50/(60)Hz

- 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.
- Integrated motor protection.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electric speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

Accessories

- VRDE 1,5
- VRTE C
- VRS 1.0
- MB Universal
- Dukstos 500x250



Voltage steps

1	2	3	4	5
80V	110V	135V	165V	230V

TECHNICAL DATA

	7470047 RKB 500x250 B1 man tp ErP	7470051 RKB 500x250 B1 aut tp ErP
Voltage	230 V	230 V
Phase	1 ~	1 ~
Frequency	50 Hz	50 Hz
Optional frequency	60 Hz	60 Hz
Power	168 W	168 W
Current	0.73 A	0.73 A
Current when speed controlled	0.91 A	0.91 A
Speed	2680 r.p.m.	2680 r.p.m.
Max. temperature of transported air	80 °C	80 °C
Max. temperature of transported air when speed controlled	75 °C	75 °C
Sound pressure level at 3 m	58 dB(A)	58 dB(A)
Weight	14.7 kg	14.7 kg
Enclosure class	44 IP	44 IP
Insulation class, motor	F	F
Capacitor	5 µF	5 µF
Max. flow	1159 m³/h	1159 m³/h
Max. pressure	619 Pa	619 Pa
Voltage range	220-240 V	220-240 V

SOUND DATA

	Flow (m³/h)	L _{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 230V	857	65	33	45	63	59	52	51	47	43
5. Outlet Lw dB(A) 230V	857	78	56	62	74	71	70	71	67	63
5. Inlet Lw dB(A) 230V	857	72	53	58	69	60	64	64	62	60
4. Inlet Lw dB(A) 165V	619	68	49	57	66	54	58	57	57	53
3. Inlet Lw dB(A) 135V	378	64	45	57	62	51	50	50	54	41
2. Inlet Lw dB(A) 110V	320	57	49	53	47	36	41	49	39	19
1. Inlet Lw dB(A) 80V	266	54	43	53	45	28	33	32	16	12

DIMENSIONS

