

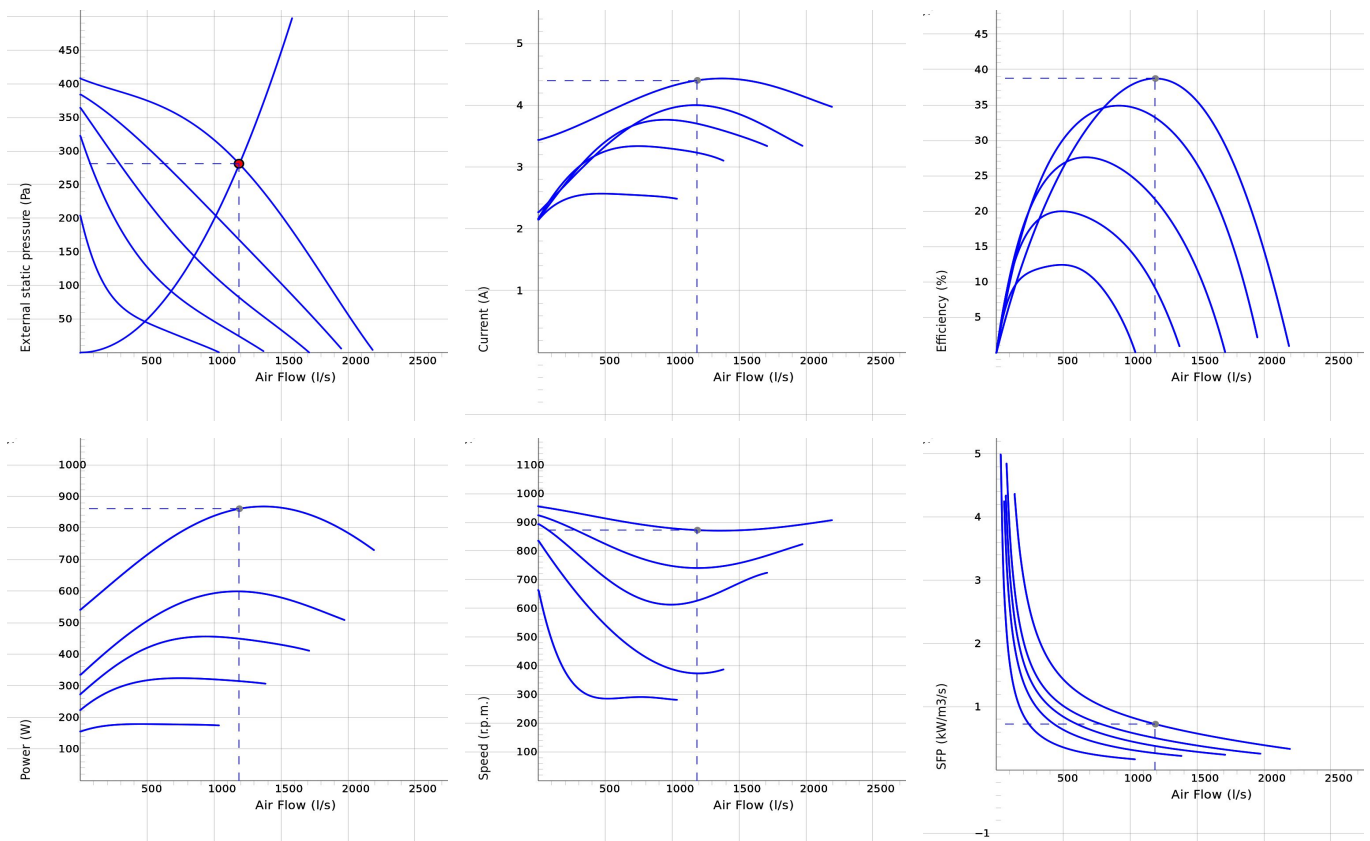
RKB 800X500 B1



RKB

- 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 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.

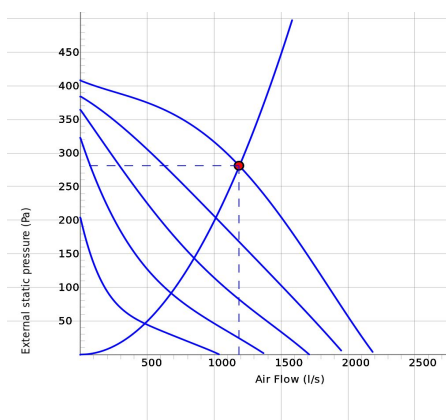
DIAGRAMS



Work Point

Air Flow (l/s)	External static pressure (Pa)	Power (W)	Speed (r.p.m.)	Current (A)	Efficiency (%)	SFP (kW/m³/s)	Voltage (V)
1188	281	861	873	4.4	38.7	0.725	230

SOUND DATA



	Tot	63	125	250	500	1k	2k	4k	8k
Inlet Lw dB(A)	77	59	74	66	66	69	67	60	56
Outlet Lw dB(A)	83	60	77	72	75	79	73	66	62
Surrounding Lw dB(A)	65	48	60	57	58	59	54	46	38
Surrounding Lp dB (A) 3m	58	41	53	50	51	52	47	39	31

Work Point

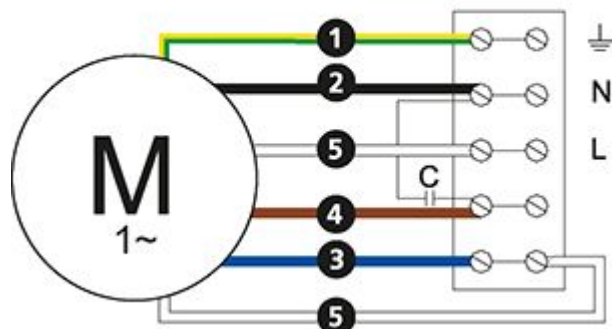
Air Flow (l/s) 1188	External static pressure (Pa) 281	Power (W) 861	Speed (r.p.m.) 873	Current (A) 4.4	Efficiency (%) 38.7	SFP (kW/m3/s) 0.725	Voltage (V) 230
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TECHNICAL DATA

Parameter	RKB 800x500 B1 man tp 7480028		RKB 800x500 B1 aut tp 7480009	
	Value	Unit	Value	Unit
Voltage	230	V	230	V
Phase	1	~	1	~
Frequency	50	Hz	50	Hz
Power	867	W	867	W
Current	4.44	A	4.44	A
Speed	870	r.p.m.	870	r.p.m.
Max. temperature of transported air	55	°C	55	°C
Max. temperature of transported air when speed controlled	55	°C	55	°C
Sound pressure level at 3 m	57	dB(A)	57	dB(A)
Weight	66.2	kg	66.2	kg
Enclosure class	54	IP	54	IP
Insulation class, motor	F		F	
Capacitor	25	µF	25	µF
Max. flow	2198	l/s	2198	l/s
Max. pressure	408	Pa	408	Pa
Voltage range	220-240	V	220-240	V

WIRING DIAGRAM

4040005



(M) = Fan Motor

(M1) = Fan Motor

(M2) = Fan Motor

(M3) = Rotor Motor

1 = Yellow/Green

2 = Black

3 = Blue

4 = Brown

5 = White

6 = Orange

7 = Grey

8 = Red

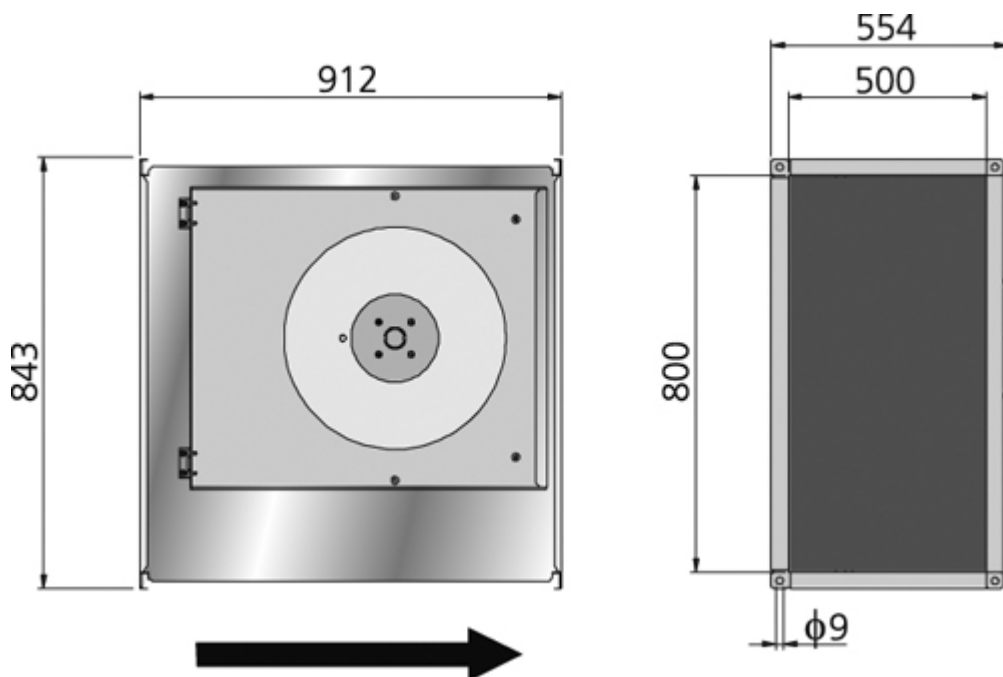
9 = Green

10 = Violet

11 = Quick switch

12 = Yellow

DIMENSIONS



ACCESSORIES

Mechanical accessories



Flexible connection
800x500



Silencer LDR 800x500

Electrical accessories



Transformer
controller VRTE 5



Transformer
controller VRDE 7