

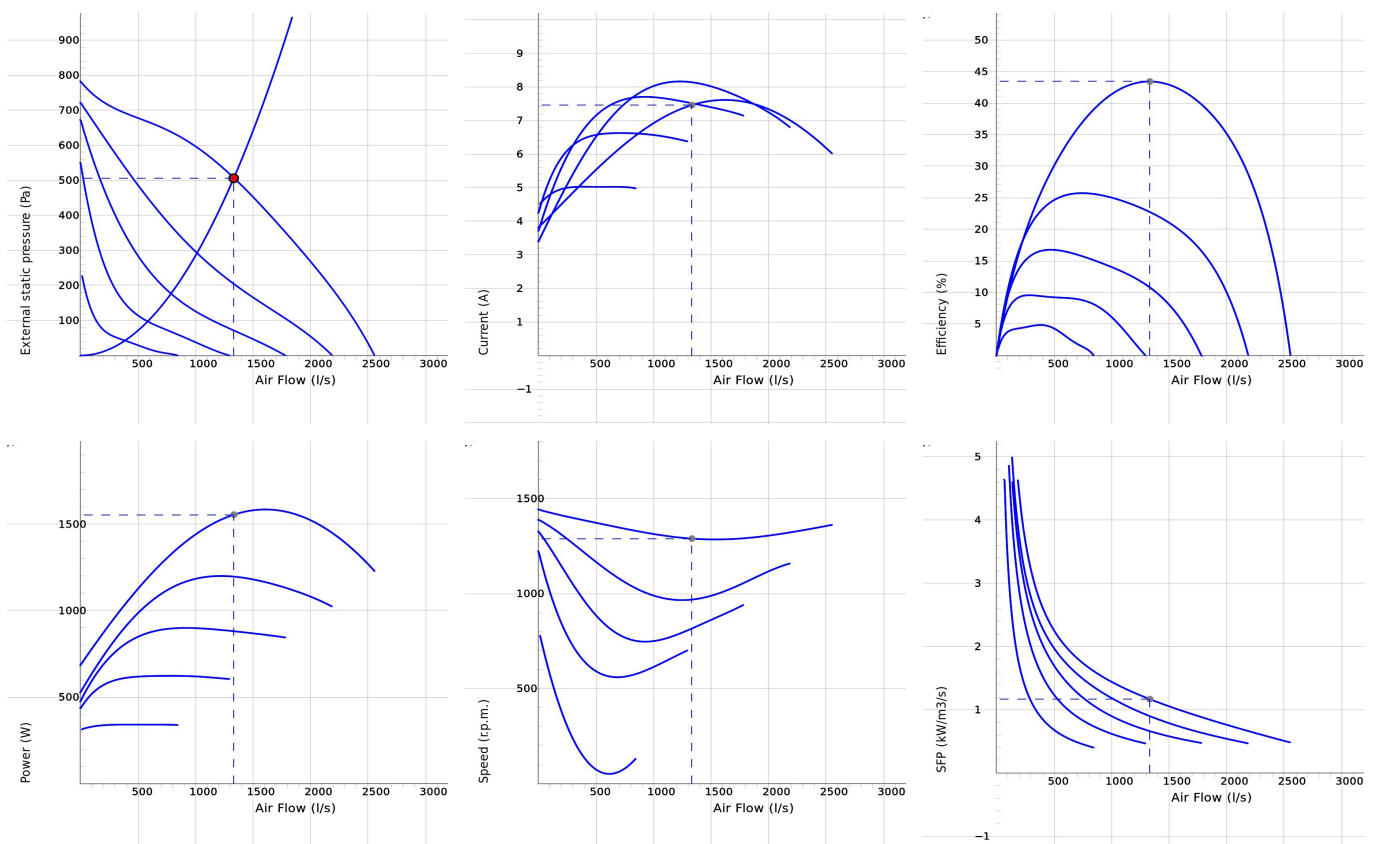
RKB 800X500 K1



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.

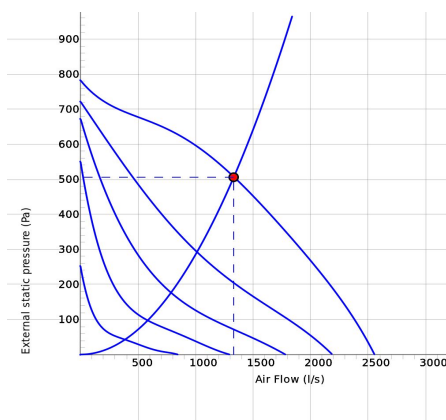
DIAGRAMS



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)
1333	507	1556	1289	7.46	43.4	1.17	230

SOUND DATA



Tot 63 125 250 500 1k 2k 4k 8k

Inlet Lw dB(A) 82

Work Point

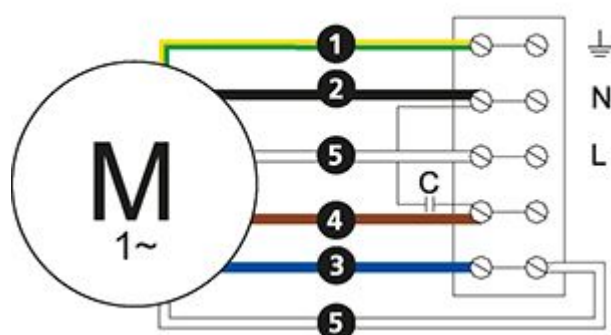
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TECHNICAL DATA

Parameter	RKB 800x500 K1 man tp 7480029		RKB 800x500 K1 aut tp 7480010	
	Value	Unit	Value	Unit
Voltage	230	V	230	V
Phase	1	~	1	~
Frequency	50	Hz	50	Hz
Power	1610	W	1610	W
Current	7.7	A	7.7	A
Speed	1280	r.p.m.	1280	r.p.m.
Max. temperature of transported air	60	°C	60	°C
Max. temperature of transported air when speed controlled	50	°C	50	°C
Sound pressure level at 3 m	62	dB(A)	62	dB(A)
Weight	63.5	kg	63.5	kg
Enclosure class	54	IP	54	IP
Insulation class, motor	F		F	
Capacitor	25	µF	25	µF
Max. flow	2550	l/s	2550	l/s
Max. pressure	786	Pa	786	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

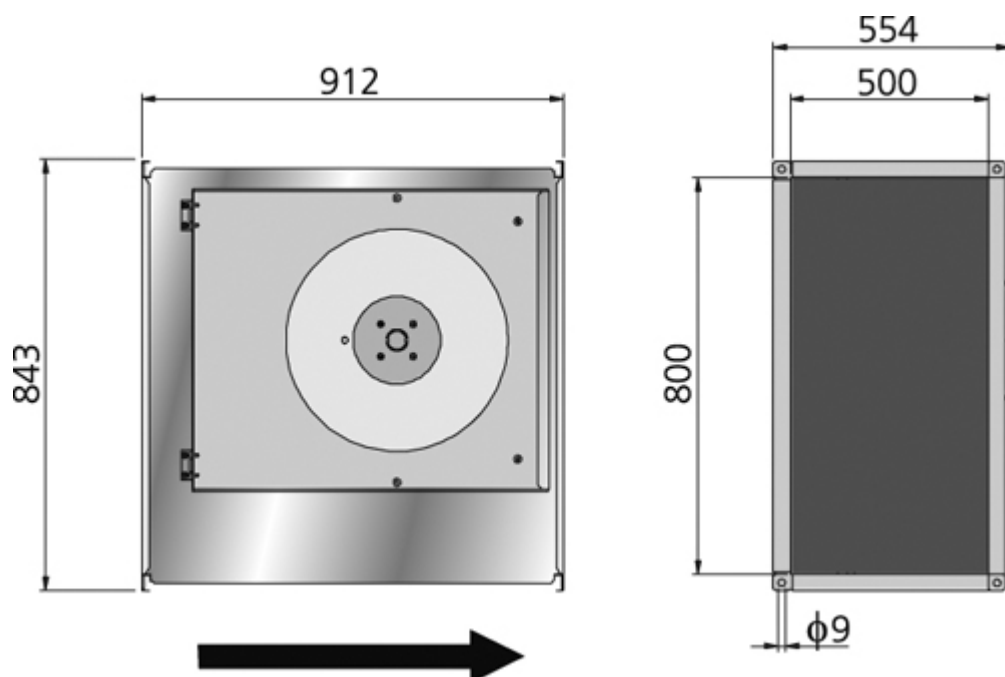
9 = Green

10 = Violet

11 = Quick switch

12 = Yellow

DIMENSIONS



ACCESSORIES

Mechanical accessories



Flexible connection
800x500



Silencer LDR 800x500

Electrical accessories



Transformer
controller VRTE 13



Transformer
controller VRDE 13