

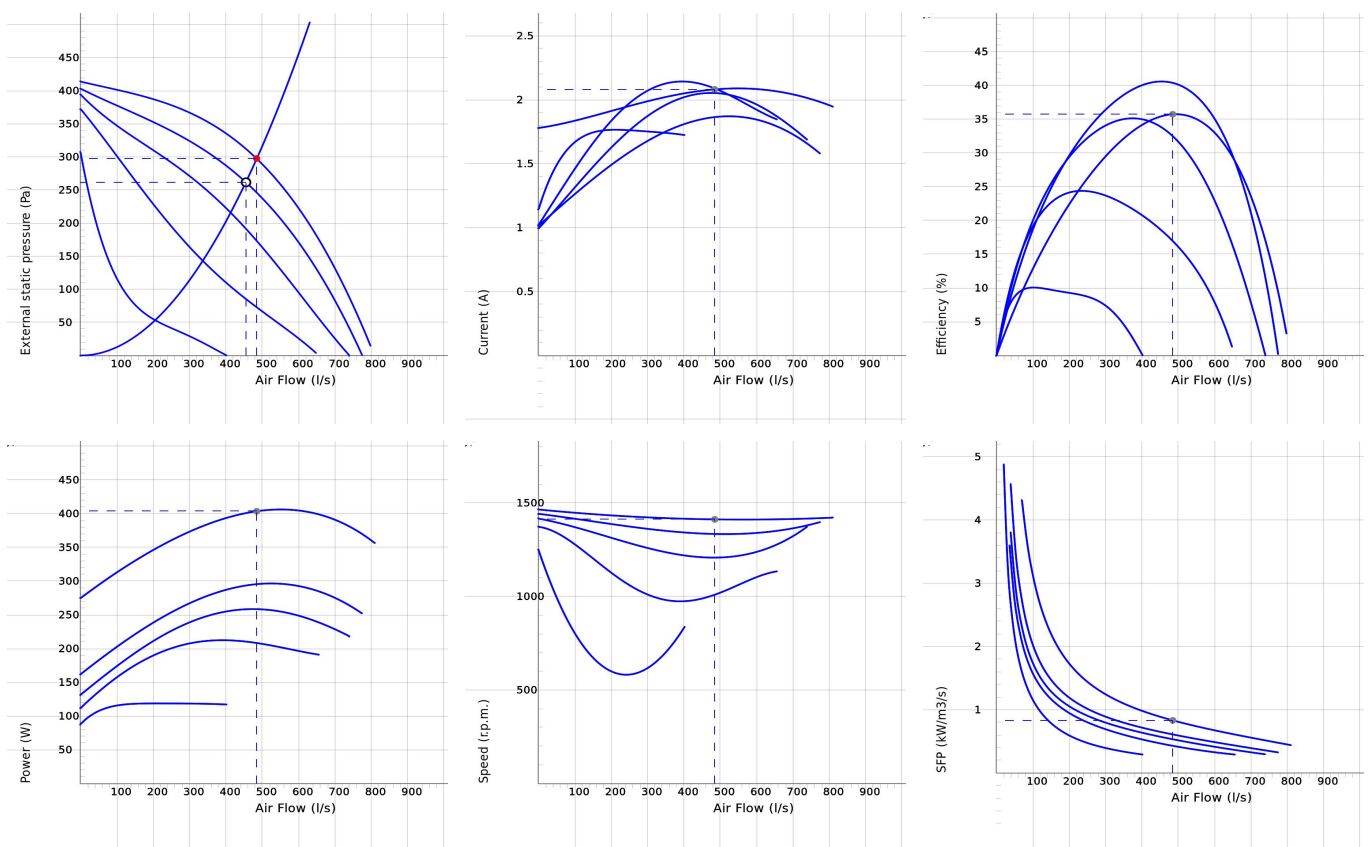
RKB 600X300 G1



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.

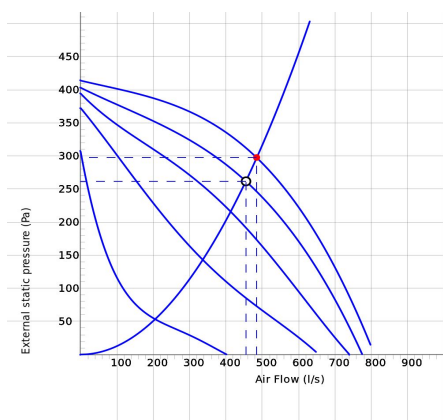
DIAGRAMS



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)
485	297	404	1412	2.08	35.7	0.832	230

SOUND DATA



	Tot	63	125	250	500	1k	2k	4k	8k
Inlet Lw dB(A)	76	59	73	71	61	62	63	58	51
Outlet Lw dB(A)	80	59	78	72	68	68	69	63	55
Surrounding Lw dB(A)	66	43	57	60	61	60	53	43	36
Surrounding Lp dB (A) 3m	59								

Work Point

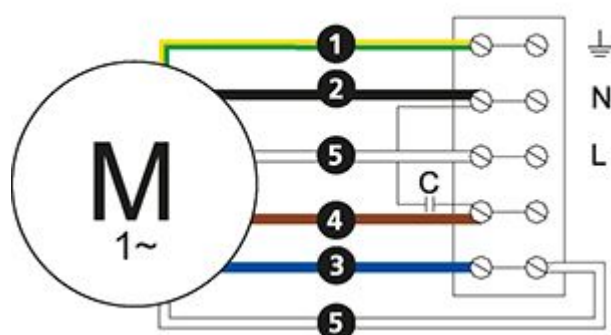
Air Flow (l/s) 485	External static pressure (Pa) 297	Power (W) 404	Speed (r.p.m.) 1412	Current (A) 2.08	Efficiency (%) 35.7	SFP (kW/m3/s) 0.832	Voltage (V) 230
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TECHNICAL DATA

Parameter	RKB 600x300 G1 man tp 7480022		RKB 600x300 G1 aut tp 7480003		RKB 600x300 G1 aut tp met box 7480129	
	Value	Unit	Value	Unit	Value	Unit
Voltage	230	V	230	V	230	V
Phase	1	~	1	~	1	~
Frequency	50	Hz	50	Hz	50	Hz
Power	409	W	409	W	409	W
Current	2.1	A	2.1	A	2.1	A
Speed	1410	r.p.m.	1410	r.p.m.	1410	r.p.m.
Max. temperature of transported air	45	°C	45	°C	45	°C
Max. temperature of transported air when speed controlled	45	°C	45	°C	45	°C
Sound pressure level at 3 m	57	dB(A)	57	dB(A)	57	dB(A)
Weight	29.1	kg	29.1	kg	29.1	kg
Enclosure class	54	IP	54	IP	54	IP
Insulation class, motor	F		F		F	
Capacitor	12	µF	12	µF	12	µF
Max. flow	809	l/s	809	l/s	809	l/s
Max. pressure	414	Pa	414	Pa	414	Pa
Voltage range	220-240	V	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

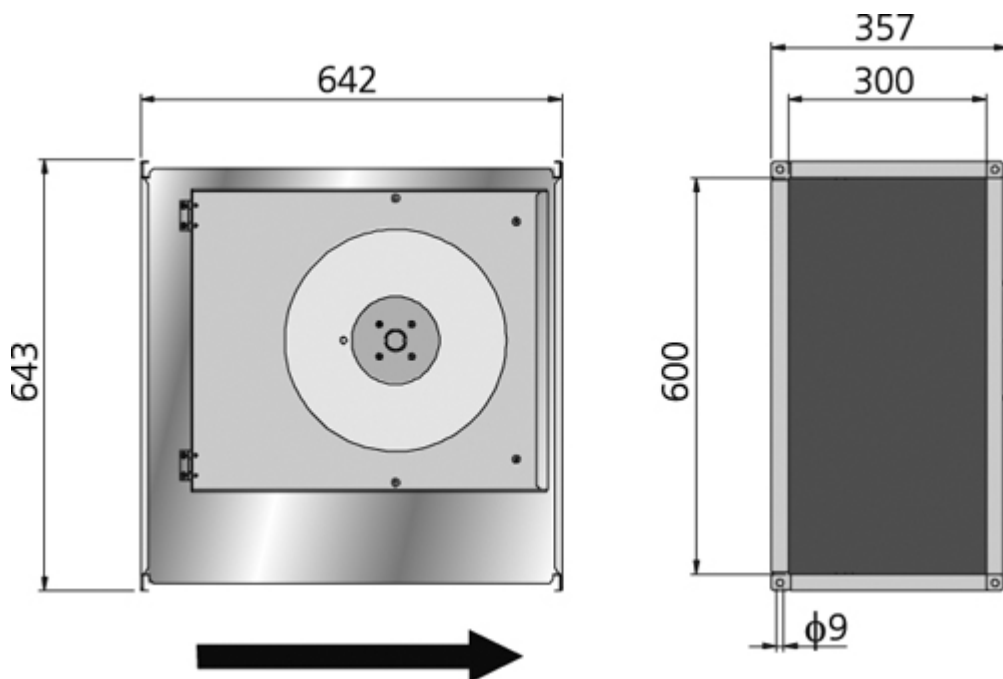
9 = Green

10 = Violet

11 = Quick switch

12 = Yellow

DIMENSIONS



ACCESSORIES

Mechanical accessories



Mounting bracket Kit Flexible connection
Universal



Flexible connection
600x300



Silencer LDR 600x300

Electrical accessories



Transformer
controller VRTE 3



Transformer
controller VRDE 3