

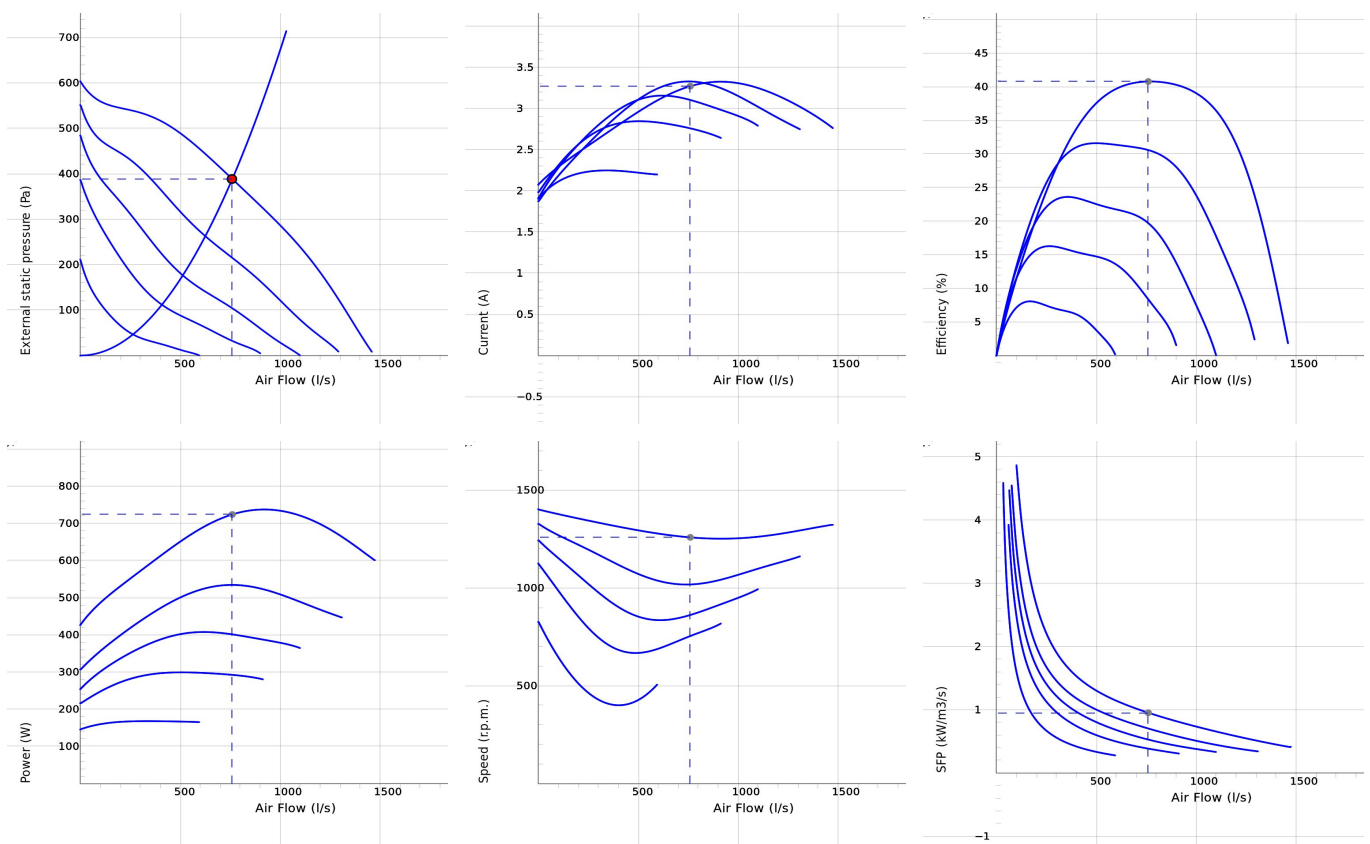
RKB 700X400 E1



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.

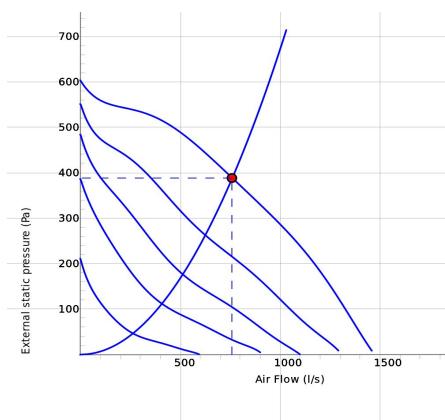
DIAGRAMS



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)
760	388	724	1258	3.27	40.8	0.952	230

SOUND DATA



	Tot	63	125	250	500	1k	2k	4k	8k
Inlet Lw dB(A)	81	65	75	76	71	73	71	64	60
Outlet Lw dB(A)	83	63	74	77	73	77	74	67	60
Surrounding Lw dB(A)	66	43	55	63	58	57	50	42	35
Surrounding Lp dB (A) 3m	59	36	48	56	51	50	43	35	28

Work Point

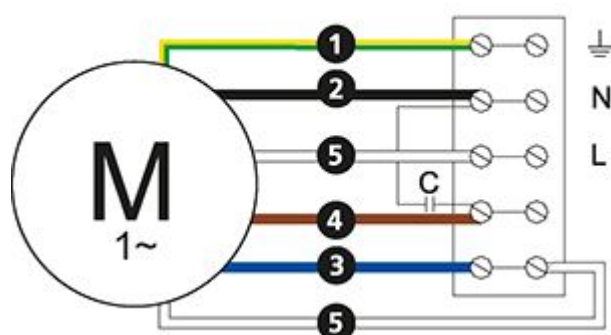
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TECHNICAL DATA

Parameter	RKB 700x400 E1 man tp 7480027		RKB 700x400 E1 aut tp 7480008	
	Value	Unit	Value	Unit
Voltage	230	V	230	V
Phase	1	~	1	~
Frequency	50	Hz	50	Hz
Power	731	W	731	W
Current	3.3	A	3.3	A
Speed	1252	r.p.m.	1252	r.p.m.
Max. temperature of transported air	50	°C	50	°C
Sound pressure level at 3 m	56	dB(A)	56	dB(A)
Weight	44.0	kg	44.0	kg
Enclosure class	54	IP	54	IP
Insulation class, motor	F		F	
Capacitor	16	µF	16	µF
Max. flow	1472	l/s	1472	l/s
Max. pressure	603	Pa	603	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

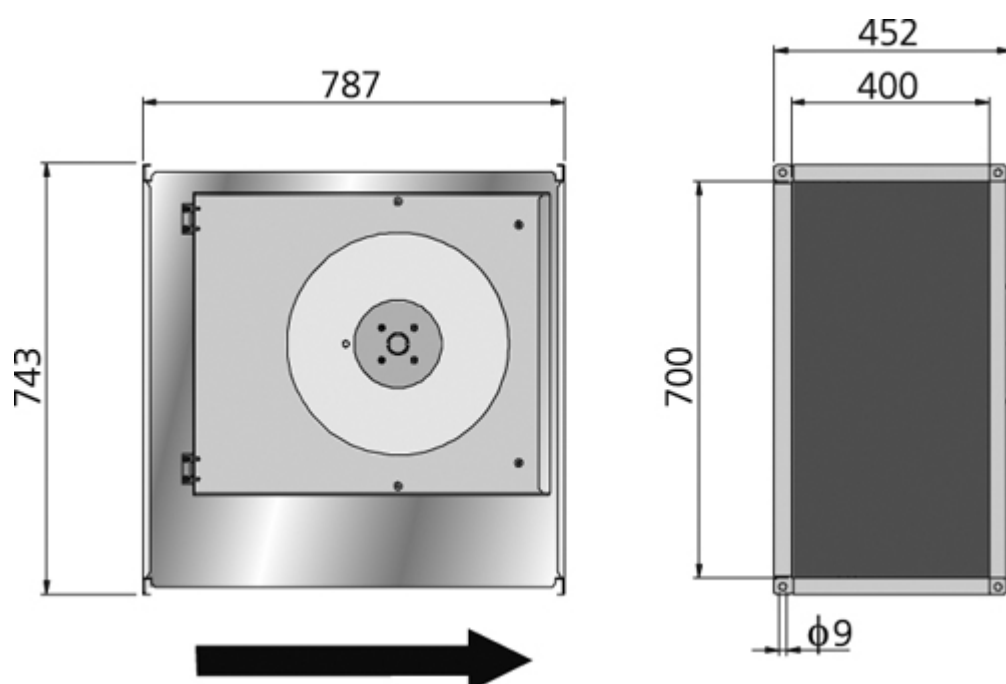
9 = Green

10 = Violet

11 = Quick switch

12 = Yellow

DIMENSIONS



ACCESSORIES

Mechanical accessories



Mounting bracket Kit Flexible connection
Universal



Flexible connection
700x400



Silencer LDR 700x400

Electrical accessories



Transformer
controller VRTE 5



Transformer
controller VRDE 7