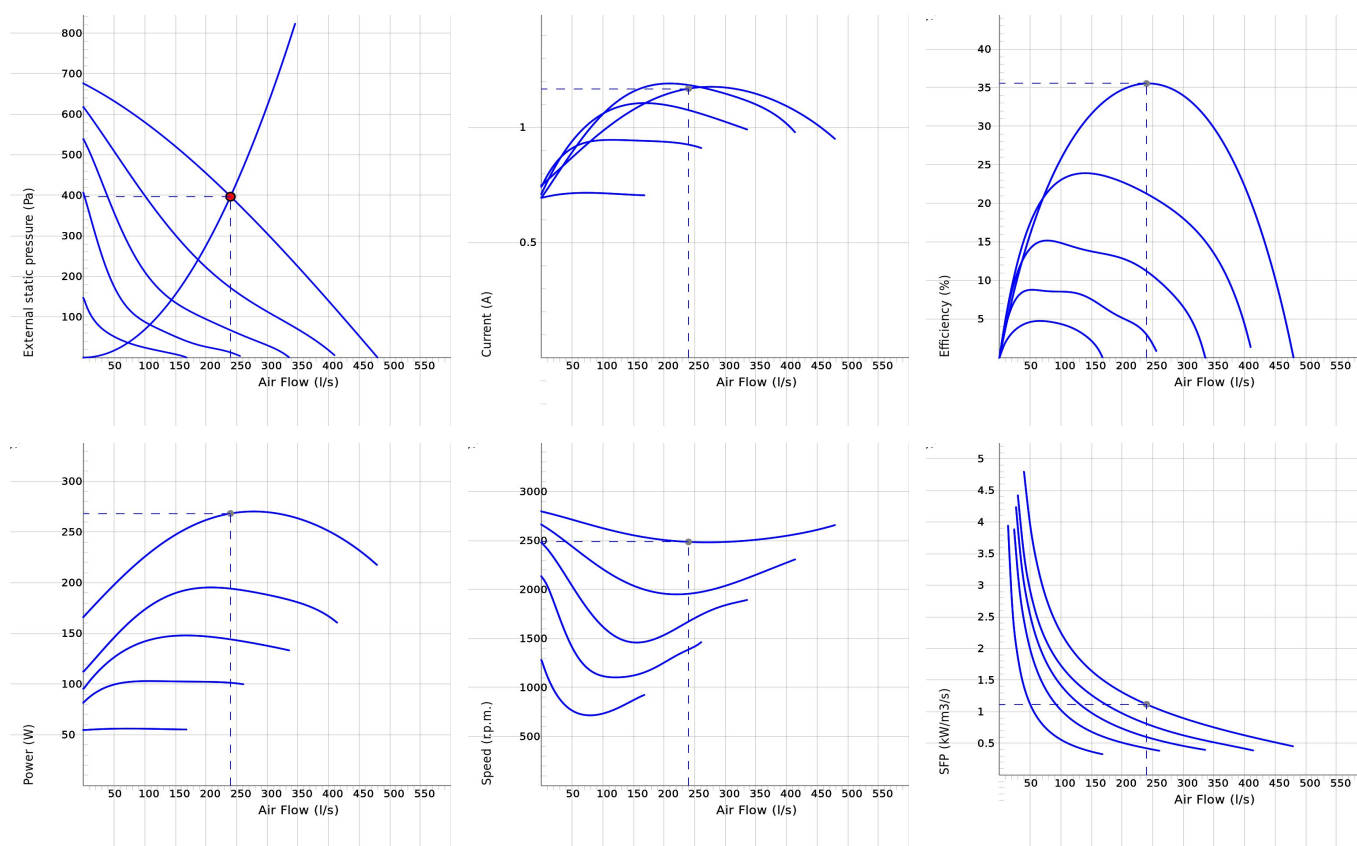


RKB 500X250 E1



- 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.

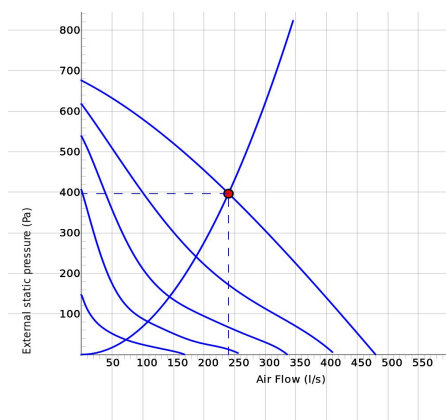
DIAGRAMS



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)
240	397	268	2487	1.17	35.6	1.12	230

SOUND DATA



	Tot	63	125	250	500	1k	2k	4k	8k
Inlet Lw dB(A)	75	58	64	69	67	66	68	66	59
Outlet Lw dB(A)	80	60	63	70	76	72	73	70	64
Surrounding Lw dB(A)	63	39	46	58	59	55	53	47	41
Surrounding Lp dB (A) 3m	56								

Work Point

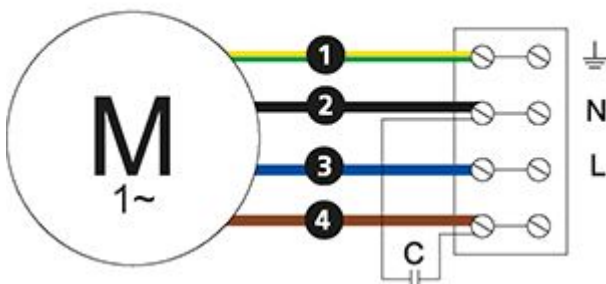
Air Flow (l/s) 240	External static pressure (Pa) 397	Power (W) 268	Speed (r.p.m.) 2487	Current (A) 1.17	Efficiency (%) 35.6	SFP (kW/m3/s) 1.12	Voltage (V) 230
-----------------------	---	------------------	------------------------	---------------------	------------------------	-----------------------	--------------------

TECHNICAL DATA

Parameter	RKB 500x250 E1 man tp 7470012		RKB 500x250 E1 aut tp 7470004	
	Value	Unit	Value	Unit
Voltage	230	V	230	V
Phase	1	~	1	~
Frequency	50	Hz	50	Hz
Power	315	W	315	W
Current	1.37	A	1.37	A
Speed	2400	r.p.m.	2400	r.p.m.
Max. temperature of transported air	40	°C	40	°C
Max. temperature of transported air when speed controlled	40	°C	40	°C
Sound pressure level at 3 m	58	dB(A)	58	dB(A)
Weight	15.2	kg	15.2	kg
Enclosure class	44	IP	44	IP
Insulation class, motor	F		F	
Capacitor	8	µF	8	µF
Max. flow	480	l/s	480	l/s
Max. pressure	676	Pa	676	Pa
Voltage range	220-240	V	220-240	V

WIRING DIAGRAM

4040001



(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

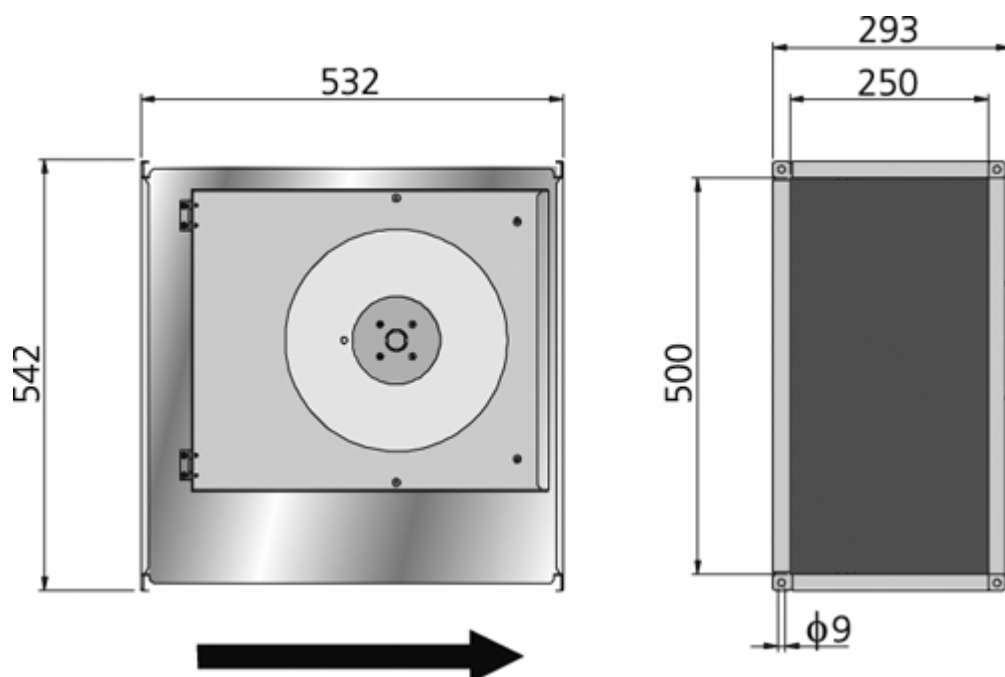
9 = Green

10 = Violet

11 = Quick switch

12 = Yellow

DIMENSIONS



ACCESSORIES

Mechanical accessories



Mounting bracket Kit Flexible connection
Universal



Flexible connection
500x250



Silencer LDR 500x250

Electrical accessories



Transformer
controller VRTE 3



Transformer
controller VRDE 3



Speed controller VRS
2.0