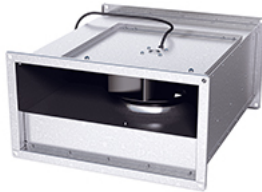


RKB 400X200 A1

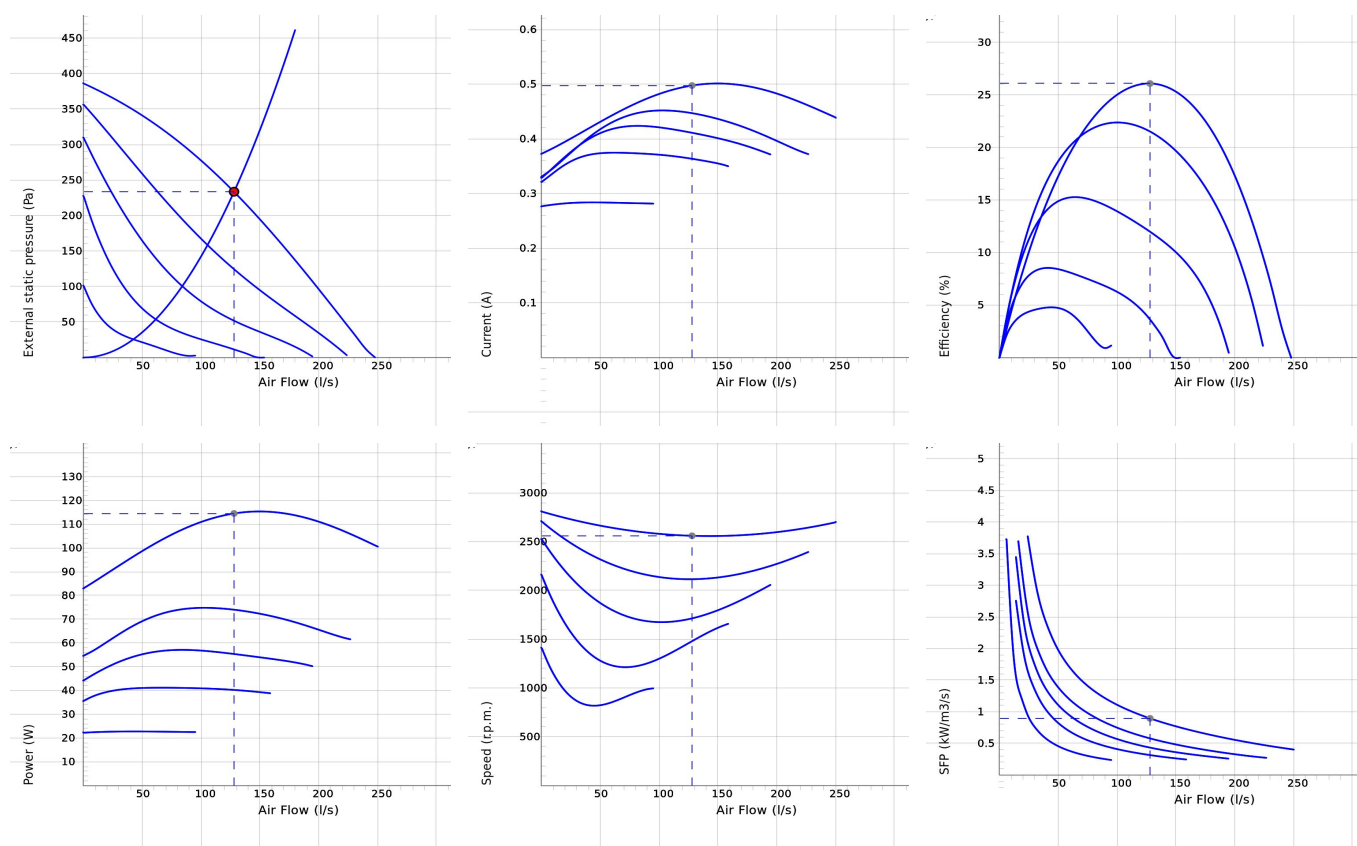


RKB

- Duct fan with rectangular connections.
- Proven performance and reliability.
- High capacity and very good efficiency.
- Operational in both 50 and 60 Hz.
- 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.



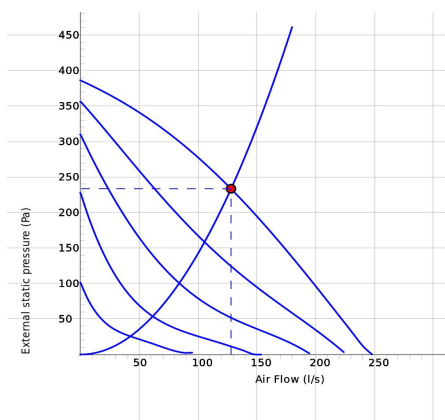
DIAGRAMS



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)
128	233	115	2561	0.497	26.1	0.895	230

SOUND DATA



	Tot	63	125	250	500	1k	2k	4k	8k
Inlet Lw dB(A)	73	49	61	68	68	65	59	60	49
Outlet Lw dB(A)	76	52	61	70	71	66	68	65	53
Surrounding Lw dB(A)	61	27	42	54	58	53	52	46	32
Surrounding Lp dB (A) 3m	54	20	35	47	51	46	45	39	25

Work Point

Air Flow (l/s) 128	External static pressure (Pa) 233	Power (W) 115	Speed (r.p.m.) 2561	Current (A) 0.497	Efficiency (%) 26.1	SFP (kW/m3/s) 0.895	Voltage (V) 230
-----------------------	---	------------------	------------------------	----------------------	------------------------	------------------------	--------------------

TECHNICAL DATA

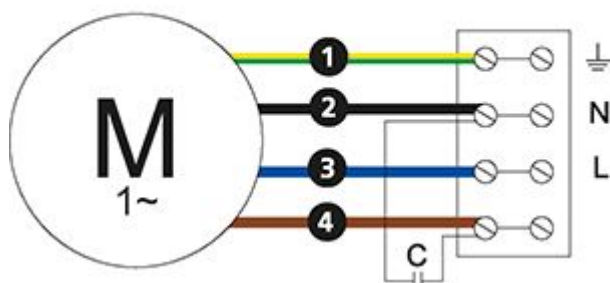
Parameter	RKB 400x200 A1 man tp 7470008		RKB 400x200 A1 aut tp 7470005	
	Value	Unit	Value	Unit
Voltage	230	V	230	V
Phase	1	~	1	~
Frequency	50	Hz	50	Hz
Optional frequency	60	Hz	60	Hz
Power	115	W	115	W
Current	0.5	A	0.5	A
Speed	2530	r.p.m.	2530	r.p.m.
Max. temperature of transported air	75	°C	75	°C
Max. temperature of transported air when speed controlled	75	°C	75	°C
Sound pressure level at 3 m	54	dB(A)	54	dB(A)
Weight	9.8	kg	9.8	kg
Enclosure class	44	IP	44	IP
Insulation class, motor	F		F	
Capacitor	3	µF	3	µF
Max. flow	246	l/s	246	l/s
Max. pressure	388	Pa	388	Pa
Voltage range	220-240	V	220-240	V

ECODESIGN

Parameter	Value	Unit
(a) Manufacturer	Östberg	-
(b) Model code	RKB 400x200 A1	-
(c) Declared type	NRVU / UVU	-
(d) Type of drive	Multi-speed drive	-
(e) Type of HRS	N/A	-
(f) Thermal efficiency	N/A	%
(g) Nominal flow rate	0.114	m ³ /s
(h) Effective power input	0.106	kW
(i) SFP int	N/A	W/(m ³ /s)
(j) Face velocity	2.0	m/s
(k) Nominal external pressure	266	Pa
(l) Internal pressure drop	N/A	Pa
(n) Static efficiency	25.2	%
(o) External (and internal) leakage rate	0.28	%
(p) Filter classification	N/A	%
(q) Visual filter warning	N/A	-
(r) Sound power level	60	dB LwA
(s) Disassembly instructions	www.ostberg.com	-

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

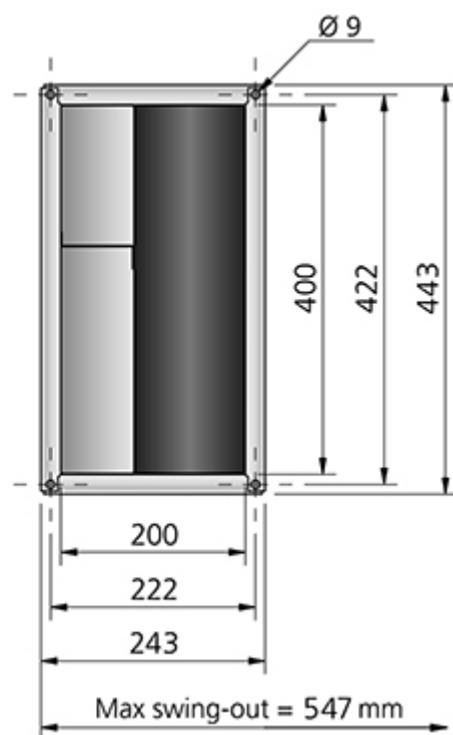
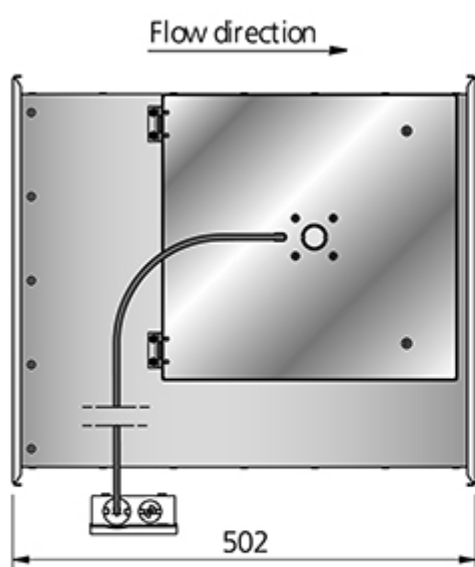
9 = Green

10 = Violet

11 = Quick switch

12 = Yellow

DIMENSIONS



ACCESSORIES

Mechanical accessories



Mounting bracket Kit Flexible connection
Universal



400x200



Silencer LDR 400x200

Electrical accessories



Transformer
controller VRTE C



Transformer
controller VRDE 1.5



Speed controller VRS
1.0