

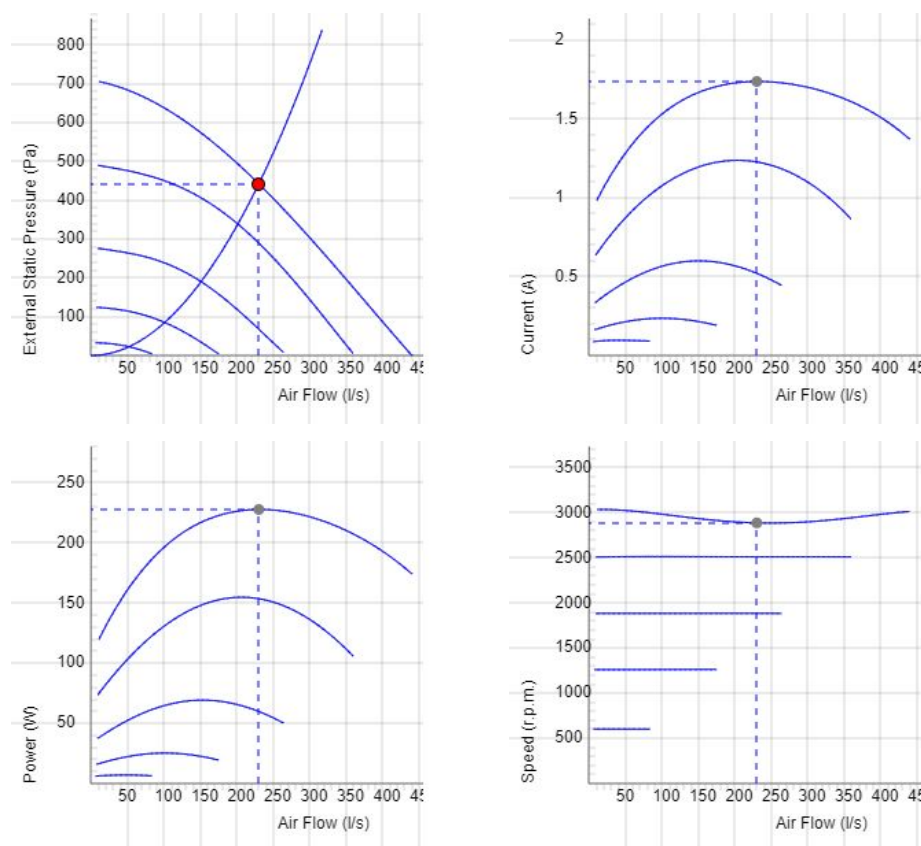
RS 250 B1 EC



- Exhaust wall fan with circular inlet connection.
- Designed for mounting on external wall.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Integrated motor protection.
- Junction box has enclosure class IP 54.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Fan housing is manufactured from galvanized sheet steel.
- Black painted for high durability.



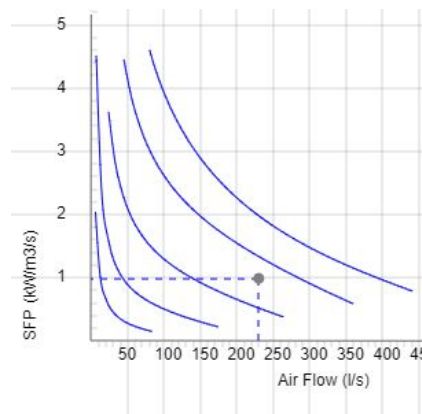
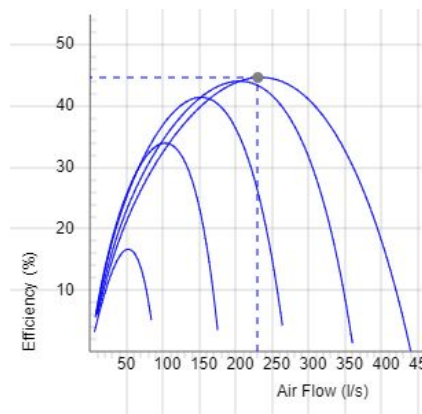
DIAGRAMS



Data

Air Flow (l/s)	External static pressure (Pa)	Power (W)	Speed (r.p.m.)	Current (A)	Voltage (V)
230	442	228	2887	1.74	10

DIAGRAMS

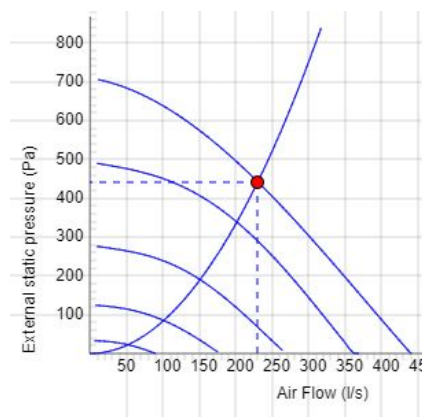


DATA

Efficiency (%)
44.7

SFP (kW/m3/s)
0.99

SOUND DATA



	Tot	63	125	250	500	1k	2k	4k	8k
Inlet Lw dB(A)	76	59	61	68	72	69	68	66	63
Surrounding Lw dB(A)	77	44	52	63	70	69	72	68	60
Surrounding Lp dB (A) 20m ² Sabine, hemispherical 3m	70								

Data - SOUND

Air Flow (l/s)	External static pressure (Pa)	Power (W)	Speed (r.p.m.)	Current (A)	Efficiency (%)	SFP (kW/m3/s)	Voltage (V)
230	442	228	2887	1.74	44.7	0.99	10

TECHNICAL DATA

RS 250 B1 EC-y1 7400047

Parameter	Value	Unit
Voltage	230	V
Phase	1	~
Frequency	50/60	Hz
Power	228	W
Current	1.74	A
Speed	2890	r.p.m.
Max. temperature of transported air	60	°C
Sound pressure level at 3 m	70	dB(A)
Weight	8.9	kg
Enclosure class	44	IP
Insulation class, motor	F	
Duct connection	250	mm
Max. flow @ 0Pa	440	l/s
Max. pressure	718	Pa
Voltage range	200-277	V

PRODUCT INFORMATION SHEET

Parameter	Value	Unit
(a) Manufacturer	Östberg	-
(b) Model code	RS 250 B1 EC	-
(c) Declared type	NRVU / UVU	-
(d) Type of drive	Variable speed drive	-
(e) Type of HRS	N/A	-
(f) Thermal efficiency	N/A	%
(g) Nominal flow rate	0.227	m ³ /s
(h) Effective power input	0.228	kW
(i) SFP int	N/A	W/(m ³ /s)
(j) Face velocity	4.6	m/s
(k) Nominal external pressure	452	Pa
(l) Internal pressure drop	N/A	Pa
(n) Static efficiency	48.4	%
(o) External (and internal) leakage rate	N/A (N/A)	%
(p) Filter classification	N/A	%
(q) Visual filter warning	N/A	-
(r) Sound power level	77	dB LwA
(s) Disassembly instructions	fsp.ostberg.com	-

WIRING DIAGRAM

Ⓜ = Fan Motor

Ⓜ1 = Fan Motor

Ⓜ2 = Fan Motor

Ⓜ3 = Rotor Motor

1 = Yellow/Green

2 = Black

3 = Blue

4 = Brown

5 = White

6 = Orange

7 = Grey

8 = Red

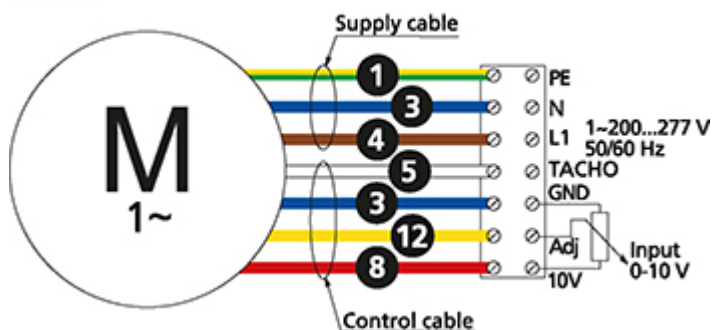
9 = Green

10 = Violet

11 = Quick switch

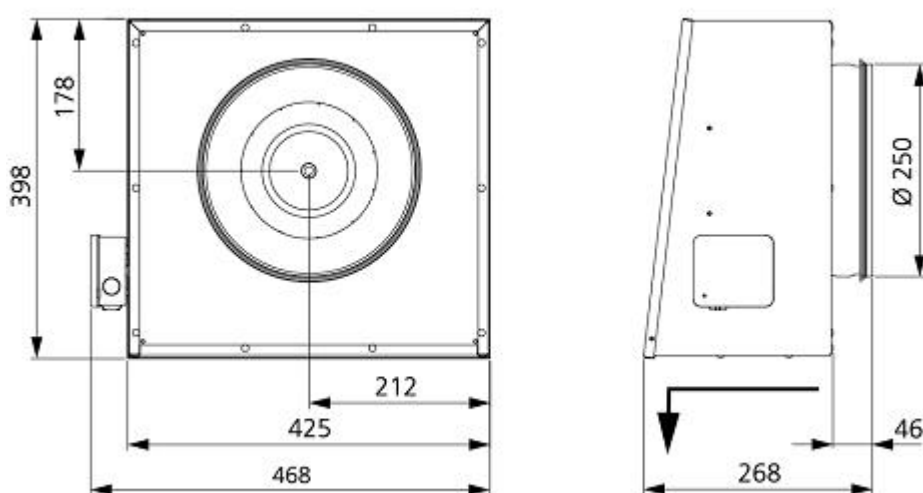
12 = Yellow

4040153



DIMENSIONS

(mm)



ACCESSORIES

Mechanical accessories



Back draught shutter Silencer LDC 250
RSK 250

Electrical accessories



Speed controller MS Controller IQ-Reg EC Plejd Controller
EC

Pressure regulator
CALAIR-PR-230V

Pressure regulator
FKP-R