

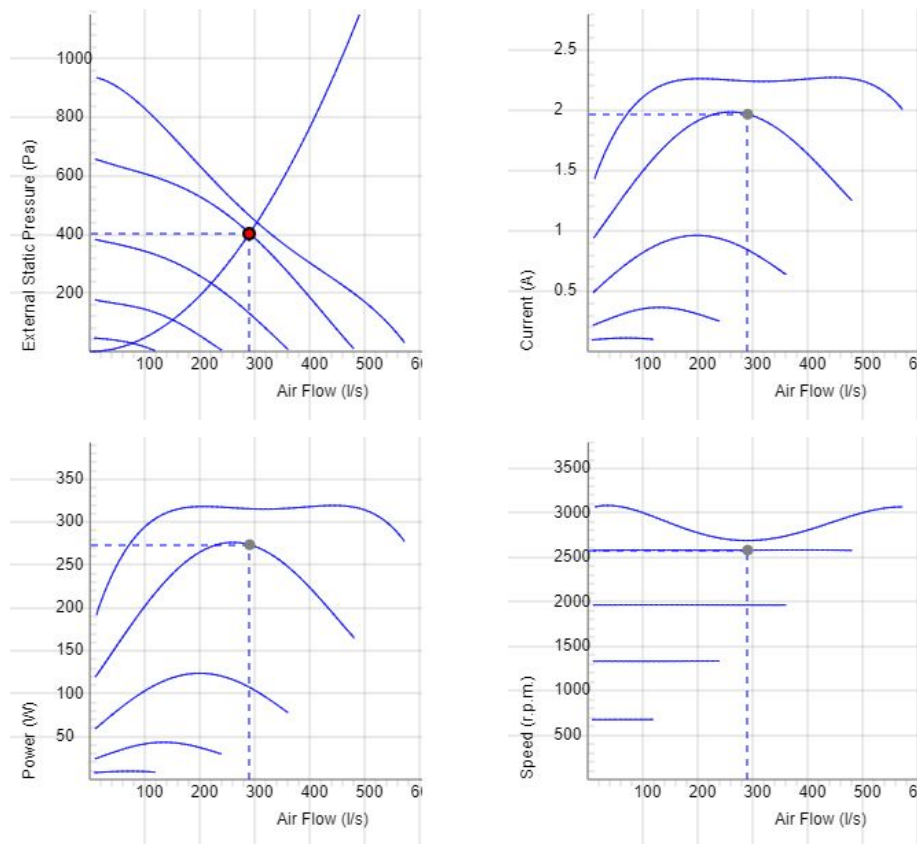
RS 315 B1 EC



- 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.



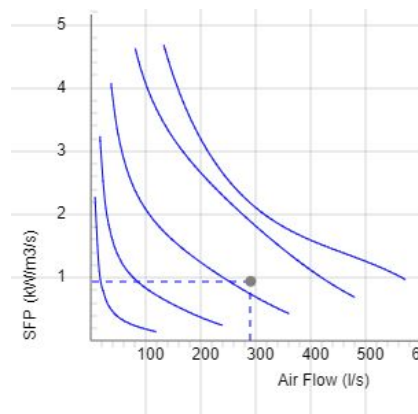
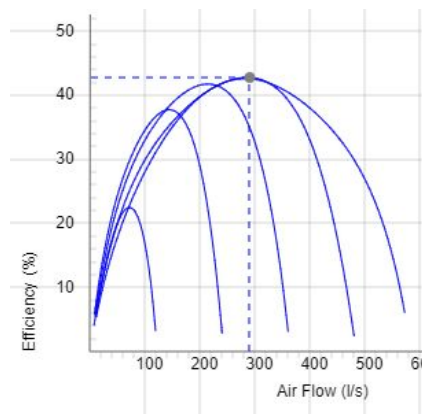
DIAGRAMS



Data

Air Flow (l/s)	External static pressure (Pa)	Power (W)	Speed (r.p.m.)	Current (A)	Voltage (V)
290	404	274	2582	1.97	8

DIAGRAMS

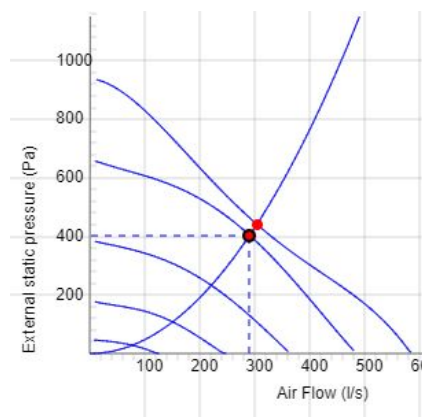


DATA

Efficiency (%)
42.8

SFP (kW/m³/s)
0.944

SOUND DATA



	Tot	63	125	250	500	1k	2k	4k	8k
Inlet Lw dB(A)	78	59	63	69	72	70	72	69	67
Surrounding Lw dB(A)	78	45	54	64	71	72	73	67	61
Surrounding Lp dB (A) 20m² Sabine, hemispherical 3m	71								

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)
303	441	274	2582	1.97	42.8	0.944	8

TECHNICAL DATA

RS 315 B1 EC-y1 7400048

Parameter	Value	Unit
Voltage	230	V
Phase	1	~
Frequency	50/60	Hz
Power	318	W
Current	2.26	A
Speed	2750	r.p.m.
Max. temperature of transported air	60	°C
Sound pressure level at 3 m	71	dB(A)
Weight	10.6	kg
Enclosure class	44	IP
Insulation class, motor	F	
Duct connection	315	mm
Max. flow @ 0Pa	583	l/s
Max. pressure	947	Pa
Voltage range	200-277	V

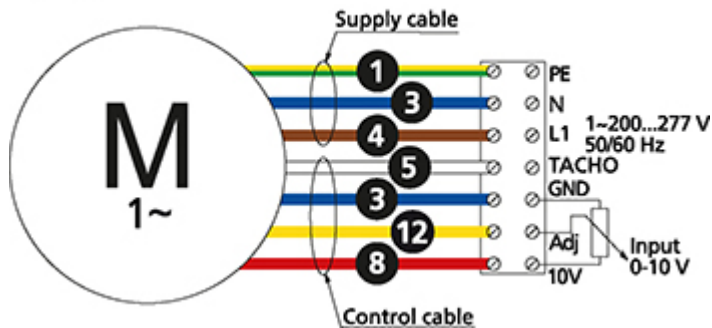
PRODUCT INFORMATION SHEET

Parameter	Value	Unit
(a) Manufacturer	Östberg	-
(b) Model code	RS 315 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	0.312	m ³ /s
(h) Effective power input	0.317	kW
(i) SFP int	N/A	W/(m ³ /s)
(j) Face velocity	4	m/s
(k) Nominal external pressure	436	Pa
(l) Internal pressure drop	N/A	Pa
(n) Static efficiency	46.8	%
(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	78	dB LwA
(s) Disassembly instructions	fsp.ostberg.com	-

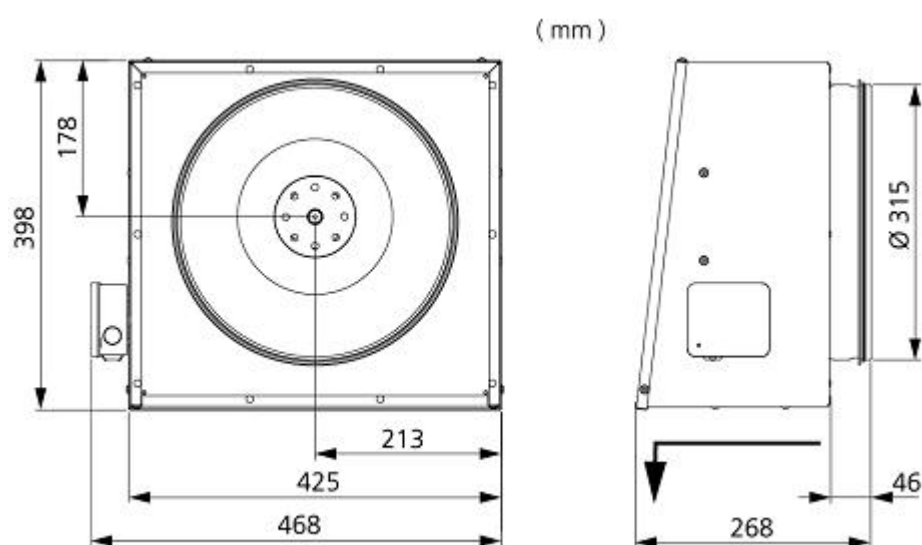
WIRING DIAGRAM

- Ⓜ = 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



ACCESSORIES

Mechanical accessories



Back draught shutter Silencer LDC 315
RSK 315

Electrical accessories



Speed controller MS Controller IQ-Reg EC Plejd Controller
EC

Pressure regulator
CALAIR-PR-230V

Pressure regulator
FKP-R