

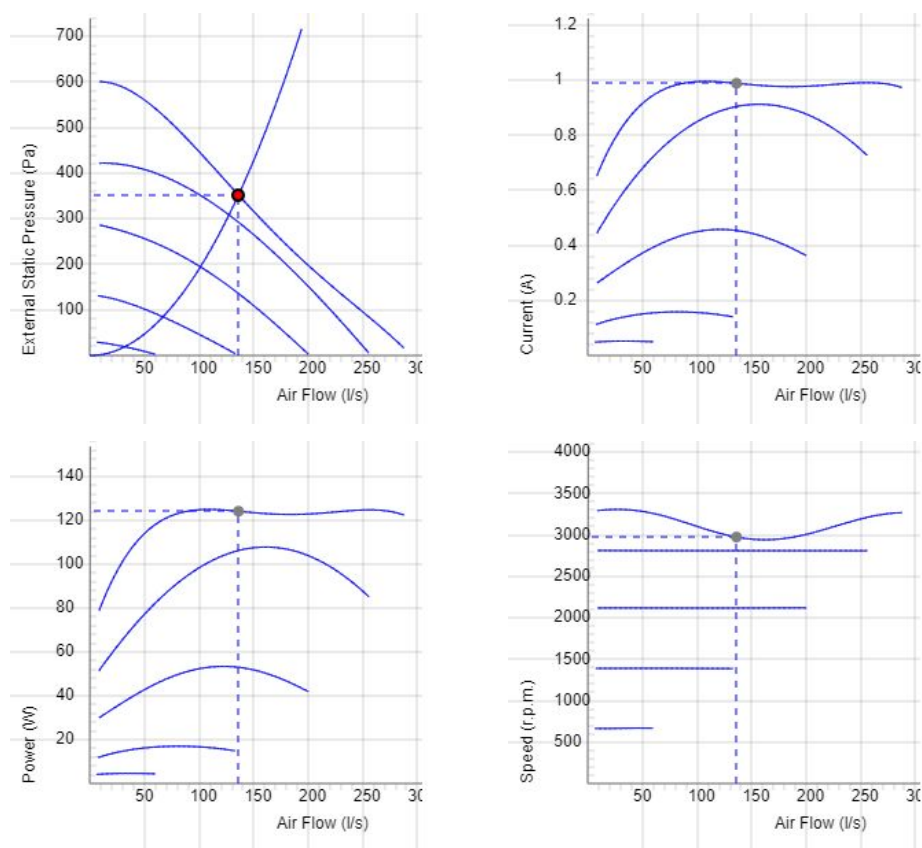
RS 160 C1 EC



- 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.



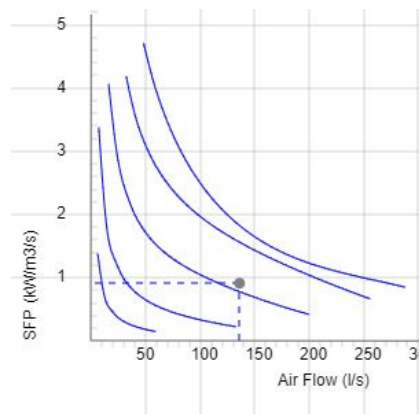
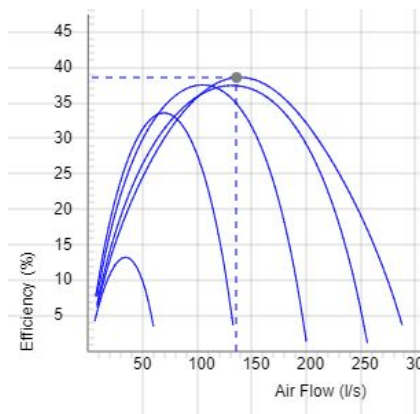
DIAGRAMS



Data

Air Flow (l/s)	External static pressure (Pa)	Power (W)	Speed (r.p.m.)	Current (A)	Voltage (V)
136	352	124	2974	0.989	10

DIAGRAMS

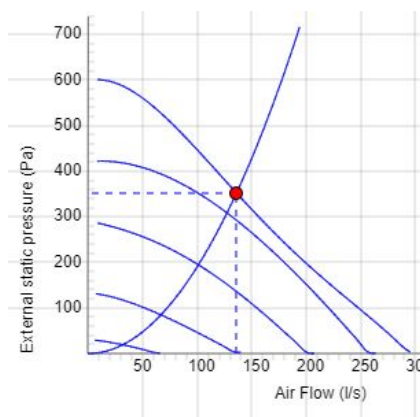


DATA

Efficiency (%)
38.6

SFP (kW/m³/s)
0.913

SOUND DATA



	Tot	63	125	250	500	1k	2k	4k	8k
Inlet Lw dB(A)	78	58	63	70	75	71	65	63	53
Surrounding Lw dB(A)	76	47	48	64	71	70	70	64	51
Surrounding Lp dB (A) 20m ² Sabine, hemispherical 3m	69								

Data - SOUND

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136	352	124	2974	0.989	38.6	0.913	10

TECHNICAL DATA

RS 160 C1 EC-y1 7400045

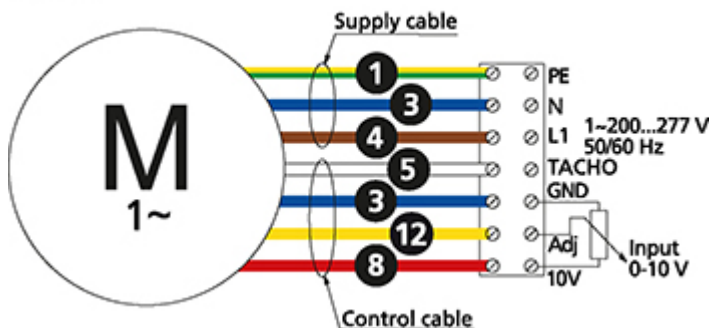
Parameter	Value	Unit
Voltage	230	V
Phase	1	~
Frequency	50/60	Hz
Power	124	W
Current	0.98	A
Speed	3230	r.p.m.
Max. temperature of transported air	60	°C
Sound pressure level at 3 m	70	dB(A)
Weight	3.2	kg
Enclosure class	44	IP
Insulation class, motor	F	
Duct connection	160	mm
Max. flow @ 0Pa	290	l/s
Max. pressure	610	Pa
Voltage range	200-277	V

PRODUCT INFORMATION SHEET

Parameter	Value	Unit
(a) Manufacturer	Östberg	-
(b) Model code	RS 160 C1 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	0.162	m ³ /s
(h) Effective power input	0.123	kW
(i) SFP int	N/A	W/(m ³ /s)
(j) Face velocity	8.1	m/s
(k) Nominal external pressure	285	Pa
(l) Internal pressure drop	N/A	Pa
(n) Static efficiency	45.5	%
(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

4040153



(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

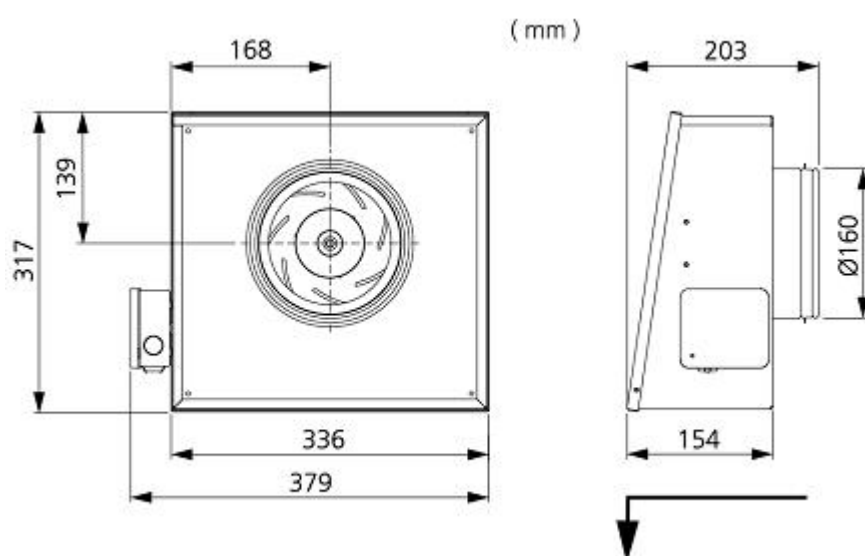
9 = Green

10 = Violet

11 = Quick switch

12 = Yellow

DIMENSIONS



ACCESSORIES

Mechanical accessories



Back draught shutter RSK 160
Silencer LDC 160

Electrical accessories



Speed controller MS
Controller IQ-Reg EC
Plejd Controller EC

Pressure regulator
CALAIR-PR-230V

Pressure regulator
FKP-R