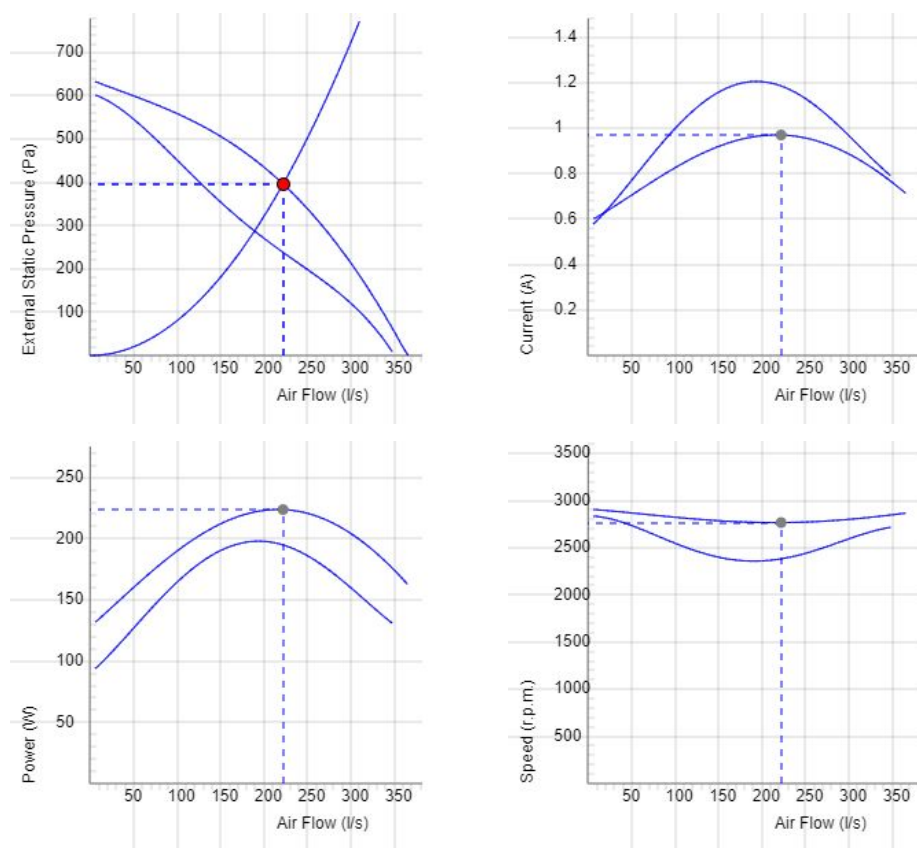


CK 315 C1



- Duct fan with circular connections.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- 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 electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- 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.
- This product cannot be speed controlled below 165 V.

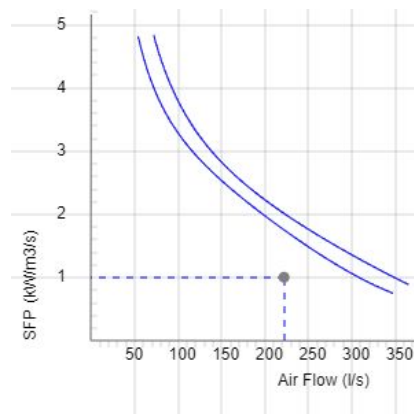
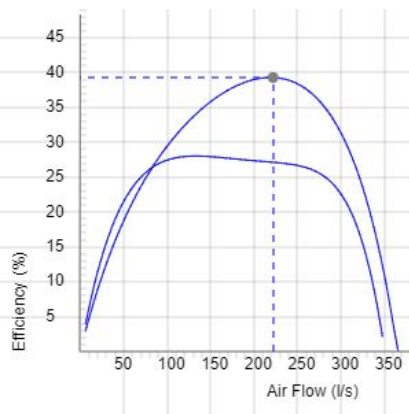
DIAGRAMS



Data

Air Flow (l/s)	External static pressure (Pa)	Power (W)	Speed (r.p.m.)	Current (A)	Voltage (V)
222	396	224	2767	0.97	230

DIAGRAMS

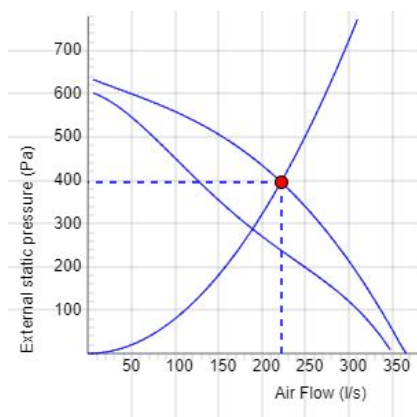


DATA

Efficiency (%)
39.3

SFP (kW/m³/s)
1.01

SOUND DATA



	Tot	63	125	250	500	1k	2k	4k	8k
Inlet Lw dB(A)	74	54	59	64	63	64	68	69	64
Outlet Lw dB(A)	76	56	59	71	65	66	69	69	62
Surrounding Lw dB(A)	54	25	45	48	47	46	48	46	36
Surrounding Lp dB (A) 20m ² Sabine, hemispherical 3m	47								

Data - SOUND

Air Flow (l/s) 222	External static pressure (Pa) 396	Power (W) 224	Speed (r.p.m.) 2767	Current (A) 0.97	Efficiency (%) 39.3	SFP (kW/m ³ /s) 1.01	Voltage (V) 230
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TECHNICAL DATA

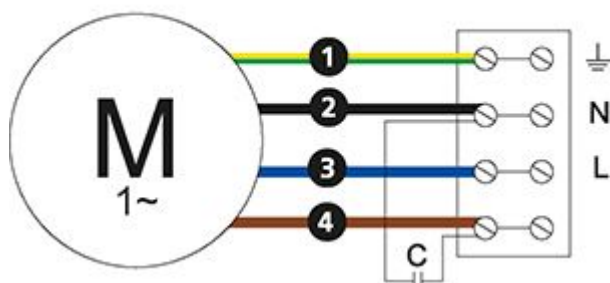
Parameter	CK 315 C1 aut tp 7000072		CK 315 C1 man tp 7000027	
	Value	Unit	Value	Unit
Voltage	230	V	230	V
Phase	1	~	1	~
Frequency	50	Hz	50	Hz
Optional frequency	60	Hz	60	Hz
Power	224	W	224	W
Current	0.97	A	0.97	A
Current when speed controlled	1.2	A	1.2	A
Speed	2770	r.p.m.	2770	r.p.m.
Max. temperature of transported air	80	°C	80	°C
Max. temperature of transported air when speed controlled	75	°C	75	°C
Sound pressure level at 3 m	48	dB(A)	48	dB(A)
Weight	5.9	kg	5.9	kg
Enclosure class	44	IP	44	IP
Insulation class, motor	F		F	
Capacitor	6	µF	6	µF
Duct connection	315	mm	315	mm
Max. flow @ 0Pa	368	l/s	368	l/s
Max. pressure	632	Pa	632	Pa
Voltage range	220-240	V	220-240	V

PRODUCT INFORMATION SHEET

Parameter	Value	Unit
(a) Manufacturer	Östberg	-
(b) Model code	CK 315 C1	-
(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	0.207	m ³ /s
(h) Effective power input	0.224	kW
(i) SFP int	N/A	W/(m ³ /s)
(j) Face velocity	2.7	m/s
(k) Nominal external pressure	422	Pa
(l) Internal pressure drop	N/A	Pa
(n) Static efficiency	44.8	%
(o) External (and internal) leakage rate	0.35 (N/A)	%
(p) Filter classification	N/A	%
(q) Visual filter warning	N/A	-
(r) Sound power level	53	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

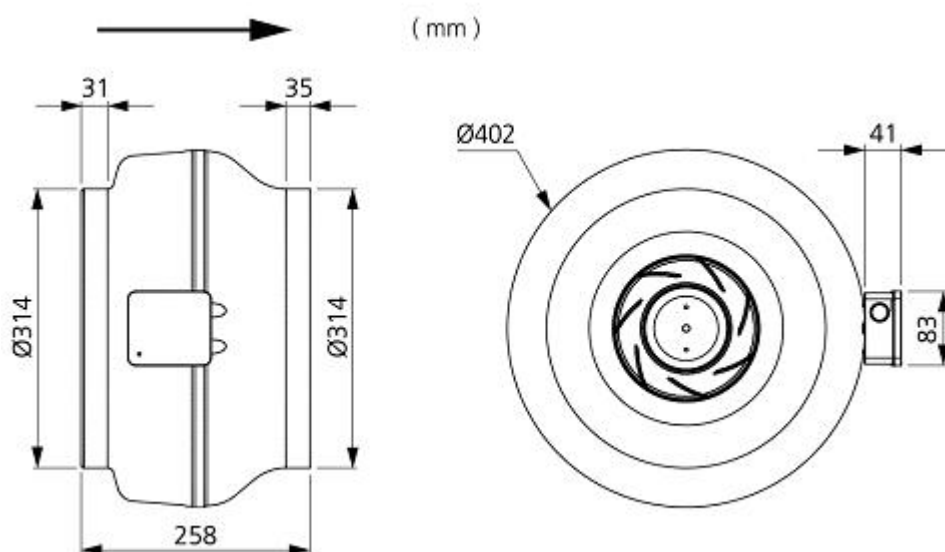
9 = Green

10 = Violet

11 = Quick switch

12 = Yellow

DIMENSIONS



ACCESSORIES

Mechanical accessories



Mounting bracket Kit MB



315



Safety grille BSV 315



Back draught shutter RSK 315



Louvre YG 315



Louvre shutter VK 315



Filterbox FLK 315



Filterbox FLF 315



Silencer LDC 315

Electrical accessories



Transformer controller VRTE 1



Transformer controller VRDE 1.5