

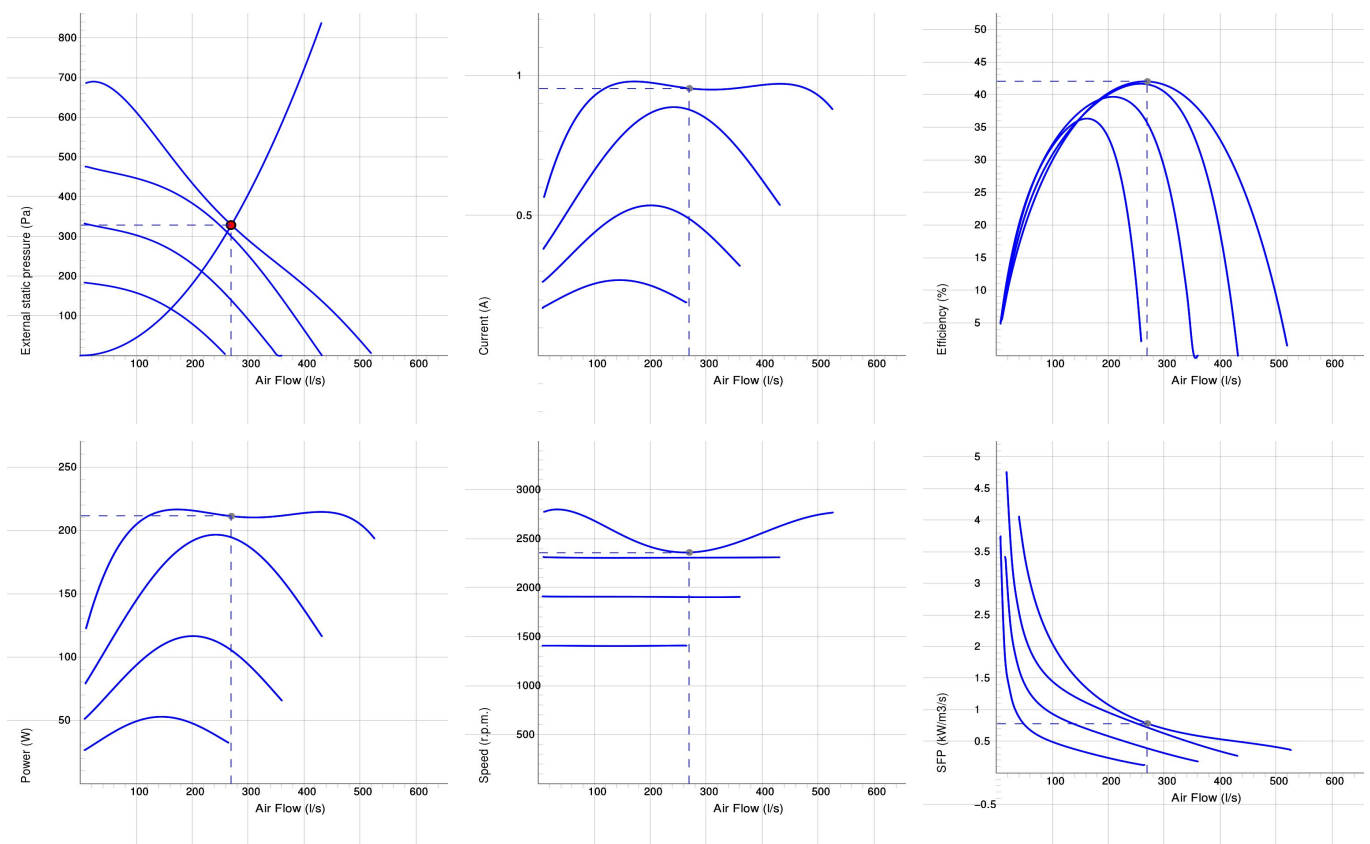
CK 315 C EC



CK EC

- Duct fan with circular connections.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Low sound levels.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Integrated motor protection.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

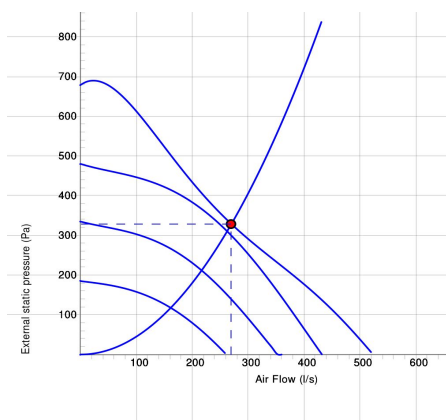
DIAGRAMS



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)
270	329	211	2359	0.954	42	0.782	10

SOUND DATA



	Tot	63	125	250	500	1k	2k	4k	8k
Inlet Lw dB(A)	76	58	62	64	68	68	70	67	66
Outlet Lw dB(A)	78	55	61	66	72	71	72	67	64
Surrounding Lw dB(A)	58	30	51	51	50	50	53	45	35
Surrounding Lp dB (A) 3m	51	23	44	44	43	43	46	38	28

Work Point

Air Flow (l/s) 270	External static pressure (Pa) 329	Power (W) 211	Speed (r.p.m.) 2359	Current (A) 0.954	Efficiency (%) 42	SFP (kW/m3/s) 0.782	Voltage (V) 10
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TECHNICAL DATA

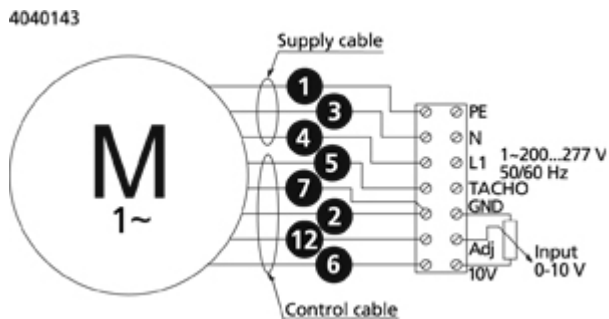
CK 315 C EC 7001069

Parameter	Value	Unit
Voltage	230	V
Phase	1	~
Frequency	50/60	Hz
Power	217	W
Current	0.98	A
Speed	2640	r.p.m.
Max. temperature of transported air	60	°C
Sound pressure level at 3 m	52	dB(A)
Weight	6.2	kg
Enclosure class	54	IP
Insulation class, motor	F	
Capacitor	-	µF
Duct connection	315	mm
Max. flow	523	l/s
Max. pressure	695	Pa
Voltage range	200-277	V

ECODESIGN

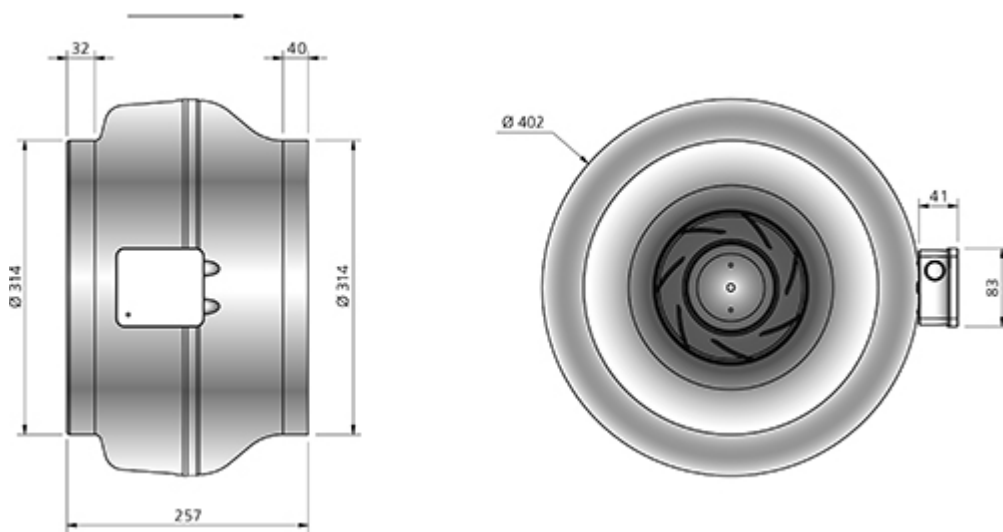
Parameter	Value	Unit
(a) Manufacturer	Östberg	-
(b) Model code	CK 315 C EC	-
(c) Declared type	NRVU / UVU	-
(d) Type of drive	Variable speed drive	-
(e) Type of HRS	N/A	-
(f) Thermal efficiency	N/A	%
(g) Nominal flow rate	0.258	m ³ /s
(h) Effective power input	0.213	kW
(i) SFP int	N/A	W/(m ³ /s)
(j) Face velocity	3.3	m/s
(k) Nominal external pressure	360	Pa
(l) Internal pressure drop	N/A	Pa
(n) Static efficiency	50.0	%
(o) External (internal) leakage rate	0.28 (N/A)	%
(p) Filter classification	N/A	%
(q) Visual filter warning	N/A	-
(r) Sound power level	59	dB LwA
(s) Disassembly instructions	www.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

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



Speed controller MS EC



Pressure regulator CALAIR-PR-230V



Pressure regulator FKP-R