

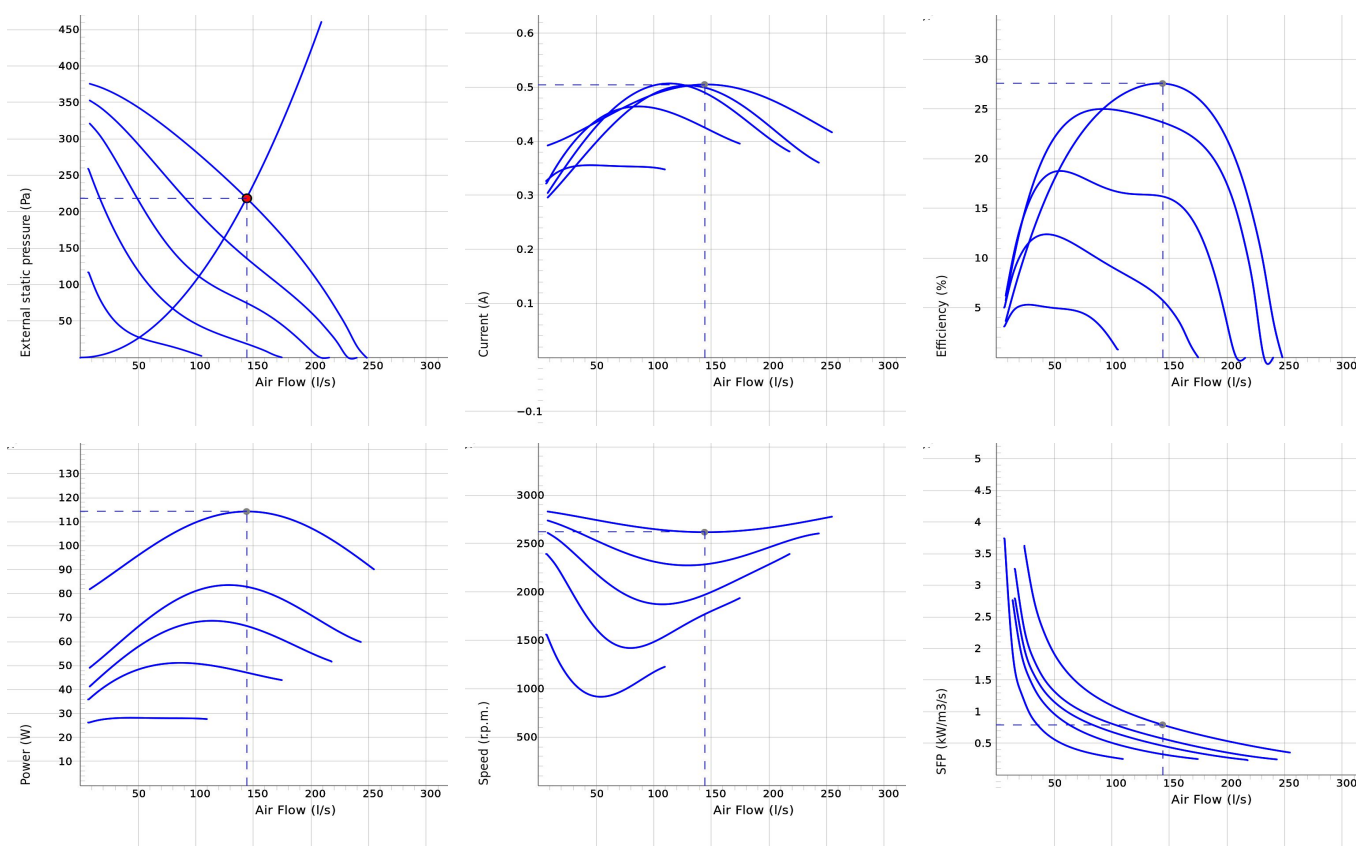
CK 200 A



CK

- 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 and is very energy efficient.
- For speed control a transformer or electronic speed controller can be connected.
- 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.
- A duct connected fan can be installed outside or in damp environments.
- Easy installation in any position.

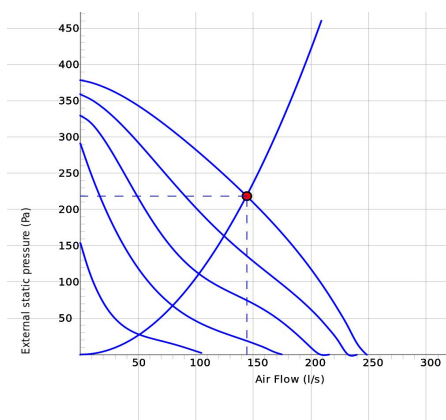
DIAGRAMS



Work Point

Air Flow (l/s)	External static pressure (Pa)	Power (W)	Speed (r.p.m.)	Current (A)	Efficiency (%)	SFP (kW/m ³ /s)	Voltage (V)
144	219	114	2618	0.505	27.6	0.793	230

SOUND DATA



	Tot	63	125	250	500	1k	2k	4k	8k
Inlet Lw dB(A)	76	53	59	71	72	68	64	61	52
Outlet Lw dB(A)	75	55	58	65	70	68	64	67	53
Surrounding Lw dB(A)	50	24	34	41	45	46	40	39	28
Surrounding Lp dB (A) 3m	43	17	27	34	38	39	33	32	21

Work Point

Air Flow (l/s) 144	External static pressure (Pa) 219	Power (W) 114	Speed (r.p.m.) 2618	Current (A) 0.505	Efficiency (%) 27.6	SFP (kW/m3/s) 0.793	Voltage (V) 230
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TECHNICAL DATA

Parameter	CK 200 A aut tp 7000053		CK 200 A man tp 7000013	
	Value	Unit	Value	Unit
Voltage	230	V	230	V
Phase	1	~	1	~
Frequency	50	Hz	50	Hz
Optional frequency	60	Hz	60	Hz
Power	112	W	112	W
Current	0.5	A	0.5	A
Speed	2630	r.p.m.	2630	r.p.m.
Max. temperature of transported air	80	°C	80	°C
Max. temperature of transported air when speed controlled	80	°C	80	°C
Sound pressure level at 3 m	43	dB(A)	43	dB(A)
Weight	4.1	kg	4.1	kg
Enclosure class	44	IP	44	IP
Insulation class, motor	F		F	
Capacitor	4	µF	4	µF
Duct connection	200	mm	200	mm
Max. flow	245	l/s	245	l/s
Max. pressure	379	Pa	379	Pa
Voltage range	220-240	V	220-240	V

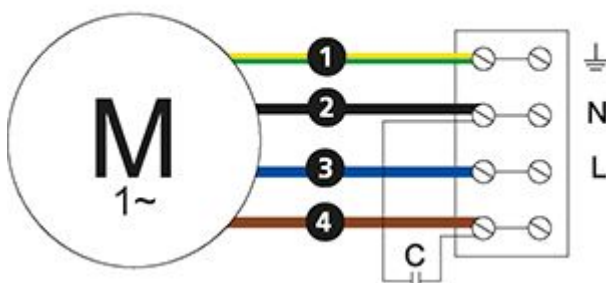
ECODESIGN

Parameter	Value	Unit
(a) Manufacturer	Östberg	-
(b) Model code	CK 200 A	-
(c) Declared type	NRVU / UVU	-
(d) Type of drive	Multi-speed drive (accessory)	-
(e) Type of HRS	N/A	-
(f) Thermal efficiency	N/A	%
(g) Nominal flow rate	0.112	m ³ /s
(h) Effective power input	112	kW
(i) SFP int	N/A	W/(m ³ /s)
(j) Face velocity	3.6	m/s
(k) Nominal external pressure	266	Pa
(l) Internal pressure drop	N/A	Pa
(n) Static efficiency	26.2	%
(o) External (and internal) leakage rate	0.31	%
(p) Filter classification	N/A	%
(q) Visual filter warning	N/A	-
(r) Sound power level	50	dB LwA
(s) Disassembly instructions	www.ostberg.com	-

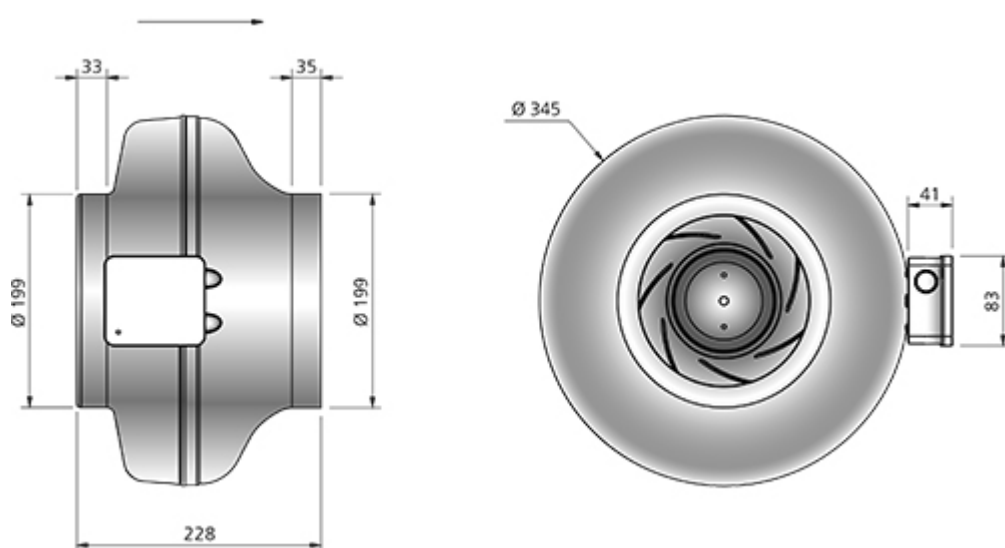
WIRING DIAGRAM

- Ⓜ = 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

4040001



DIMENSIONS



ACCESSORIES

Mechanical accessories



Mounting bracket Kit MB



Mounting clamp MK 200



Safety grille BSV 200



Back draught shutter RSK 200



Louvre YG 200



Louvre shutter VK 200



Filterbox FLK 200



Filterbox FLF 200



Silencer LDC 200

Electrical accessories



Transformer controller VRTE C



Transformer controller VRDE 1.5



Speed controller VRS 1.0



Local Demand Controller Kit