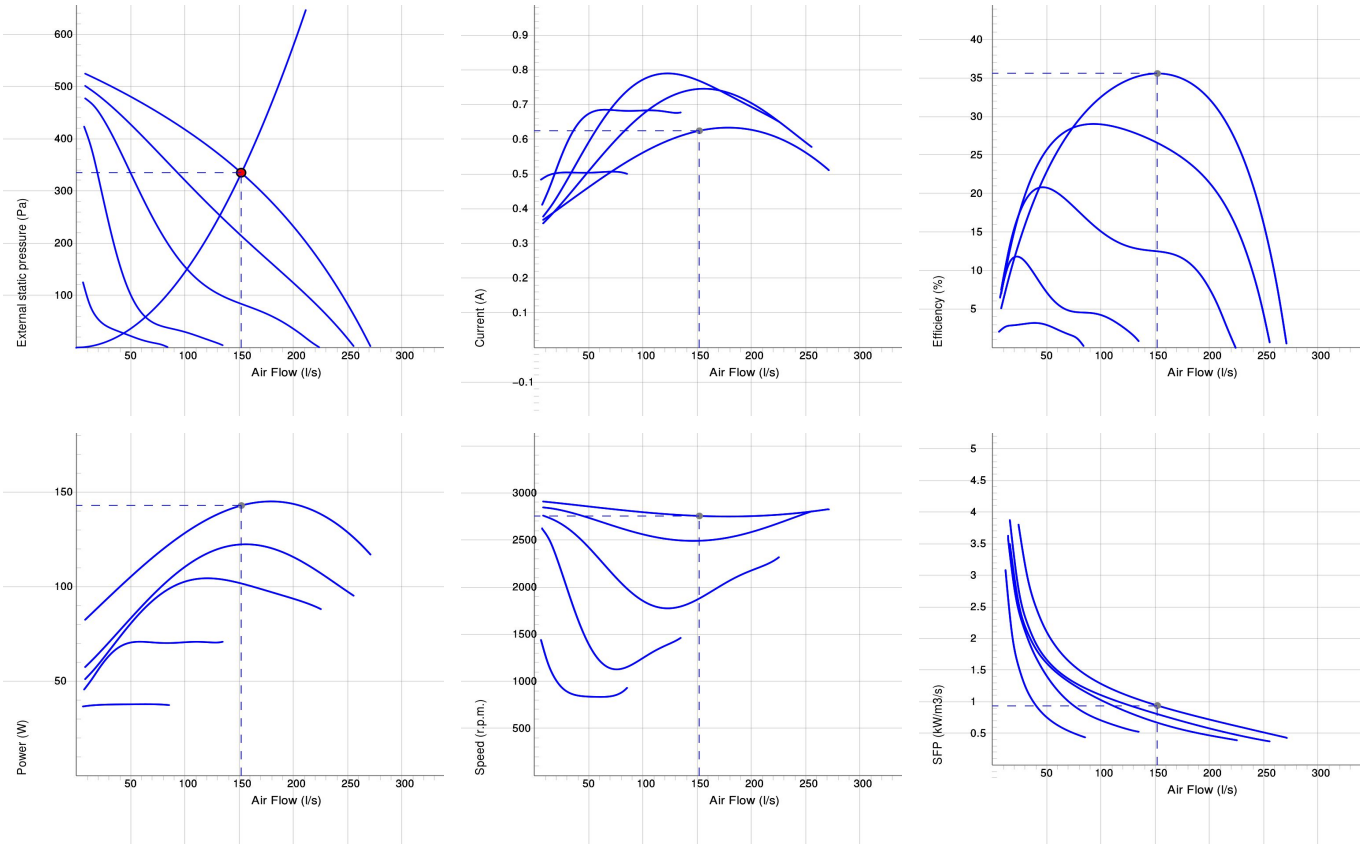
CK 200 B ERP



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.

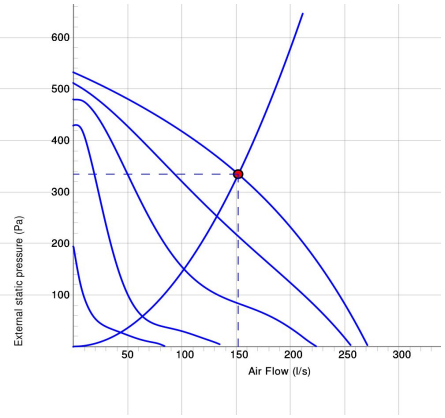
DIAGRAMS



Work Point

Air Flow (l/s)	External static pressure (Pa)	Power (W)	Speed (r.p.m.)	Current (A)	Efficiency (%)	SFP (kW/m3/s)	Voltage (V)
152	334	143	2756	0.624	35.6	0.94	230

SOUND DATA



	Tot	63	125	250	500	1k	2k	4k	8k
Inlet Lw dB(A)	73	53	62	66	68	65	62	60	53
Outlet Lw dB(A)	73	56	59	67	68	65	64	62	55
Surrounding Lw dB(A)	51	26	34	41	45	47	43	43	34
Surrounding Lp dB (A) 3m	44	19	27	34	38	40	36	36	27

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)
152	334	143	2756	0.624	35.6	0.94	230

TECHNICAL DATA

	CK 200 B aut tp ErP 7000057		CK 200 B man tp ErP 7000016	
Parameter	**Value**	**Unit**	**Value**	**Unit**
Voltage	230	V	230	V
Phase	1	~	1	~
Frequency	50	Hz	50	Hz
Optional frequency	60	Hz	60	Hz
Power	145	W	145	W
Current	0.63	A	0.63	A
Current when speed controlled	0.78	A	0.78	A
Speed	2750	r.p.m.	2750	r.p.m.
Max. temperature of transported air	80	°C	80	°C
Max. temperature of transported air when speed controlled	65	°C	65	°C
Sound pressure level at 3 m	45	dB(A)	45	dB(A)
Weight	4.7	kg	4.7	kg
Enclosure class	44	IP	44	IP
Insulation class, motor	F		F	
Capacitor	5	µF	5	µF
Duct connection	200	mm	200	mm
Max. flow	271	l/s	271	l/s
Max. pressure	530	Pa	530	Pa
Voltage range	220-240	V	220-240	V

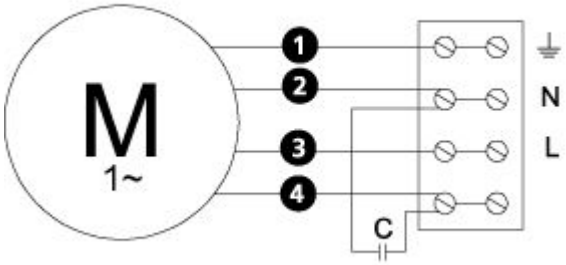
ECODESIGN

Parameter	Value	Unit
(a) Manufacturer	Östberg	-
(b) Model code	CK 200 B ErP	-
(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	0.115	m^3/s
(h) Effective power input	0.133	kW
(i) SFP int	N/A	$W/(m^3/s)$
(j) Face velocity	3.7	m/s
(k) Nominal external pressure	397	Pa
(l) Internal pressure drop	N/A	Pa
(n) Static efficiency	43.0	%
(o) External (internal) leakage rate	0.24	%
(p) Filter classification	N/A	%
(q) Visual filter warning	N/A	-
(r) Sound power level	52	dB LwA
(s) Disassembly instructions	www.ostberg.com	-

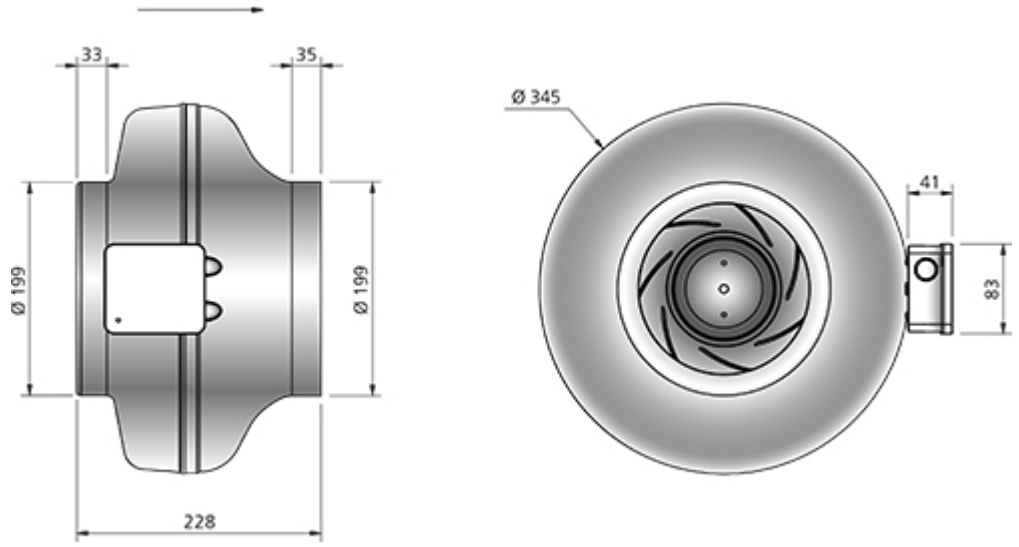
WIRING DIAGRAM

Ⓜ = Fan Motor
Ⓜ1 = Fan Motor
Ⓜ2 = Fan Motor
Ⓜ3 = Rotor Motor
❶ = Yellow/Green
❷ = Black
❸ = Blue
❹ = Brown
❺ = White
❻ = Orange
❼ = Grey
❽ = Red
❾ = Green
❿ = Violet
⓫ = Quick switch
⓬ = 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