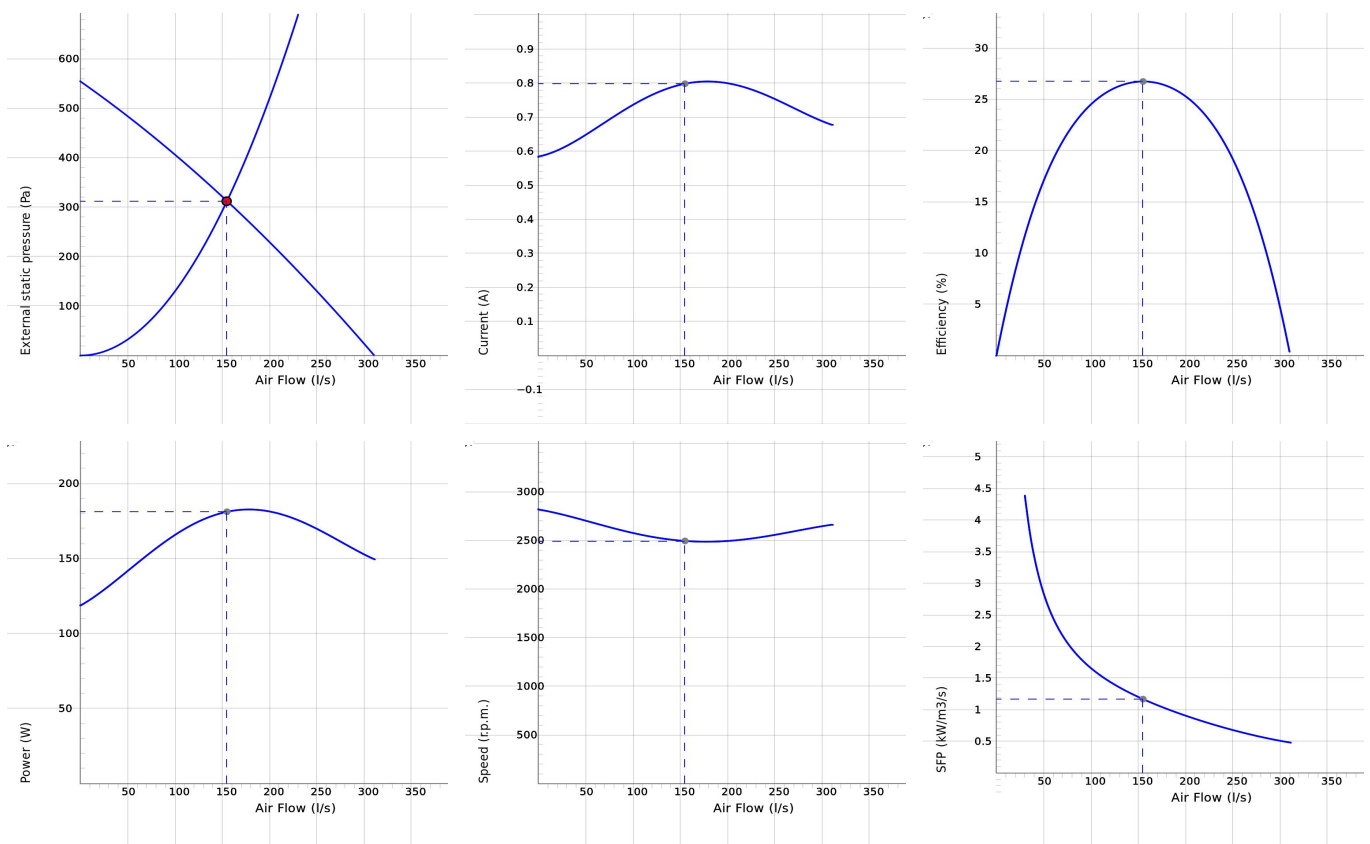


CK 250 C



- 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.
- 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.

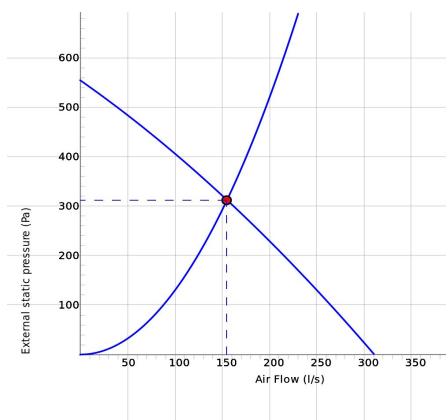
DIAGRAMS



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)
155	312	181	2494	0.798	26.7	1.17	230

SOUND DATA



	Tot	63	125	250	500	1k	2k	4k	8k
Inlet Lw dB(A)	74	55	59	63	67	68	68	66	62
Outlet Lw dB(A)	76	51	59	66	68	70	70	67	62
Surrounding Lw dB(A)	60	23	32	35	52	58	52	48	41
Surrounding Lp dB (A) 3m	53								

Work Point

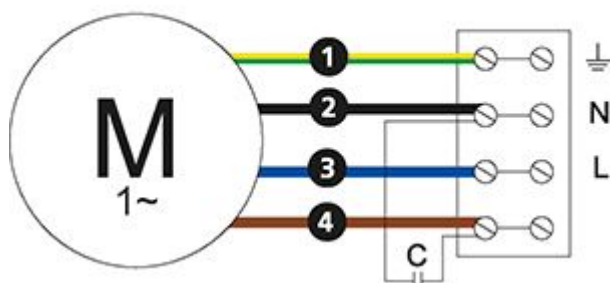
Air Flow (l/s) 155	External static pressure (Pa) 312	Power (W) 181	Speed (r.p.m.) 2494	Current (A) 0.798	Efficiency (%) 26.7	SFP (kW/m3/s) 1.17	Voltage (V) 230
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TECHNICAL DATA

Parameter	CK 250 C man tp 7000021		CK 250 C aut tp 7000065	
	Value	Unit	Value	Unit
Voltage	230	V	230	V
Phase	1	~	1	~
Frequency	50	Hz	50	Hz
Power	185	W	185	W
Current	0.81	A	0.81	A
Speed	2420	r.p.m.	2420	r.p.m.
Max. temperature of transported air	65	°C	65	°C
Max. temperature of transported air when speed controlled	65	°C	65	°C
Sound pressure level at 3 m	49	dB(A)	49	dB(A)
Weight	5.1	kg	5.1	kg
Enclosure class	44	IP	44	IP
Insulation class, motor	F		F	
Capacitor	5	µF	5	µF
Duct connection	250	mm	250	mm
Max. flow	311	l/s	311	l/s
Max. pressure	554	Pa	554	Pa
Voltage range	220-240	V	220-240	V

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

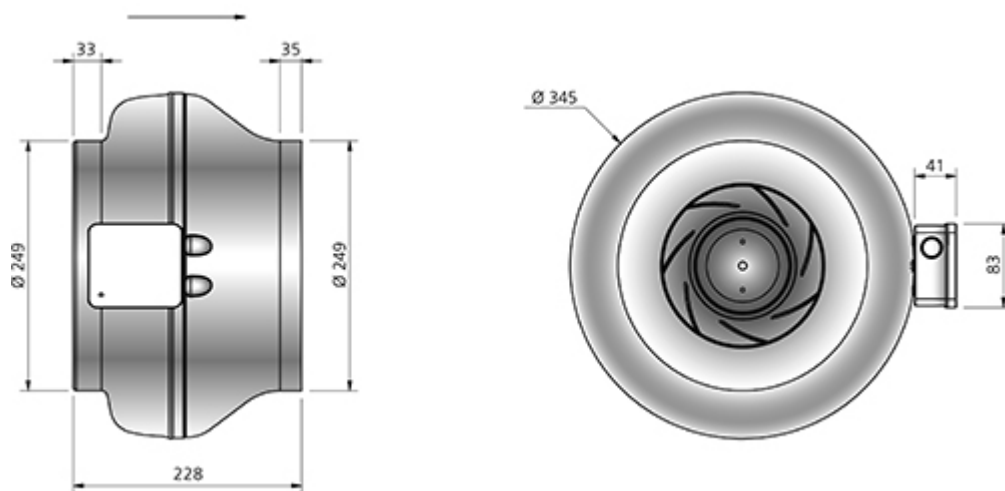
9 = Green

10 = Violet

11 = Quick switch

12 = Yellow

DIMENSIONS



ACCESSORIES

Electrical accessories



Transformer
controller VRDE 1.5



Speed controller VRS
1.0



Transformer
controller VRTE C

Mechanical accessories



Filterbox FLF 250



Filterbox FLK 250



Safety grille BSV 250



Mounting clamp MK
250



Louvre shutter VK
250



Silencer LDC 250