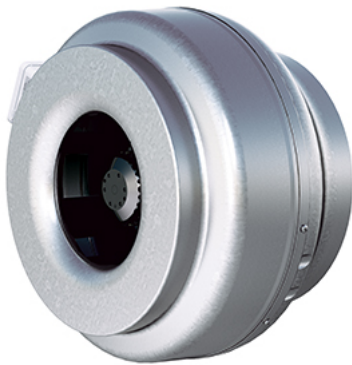


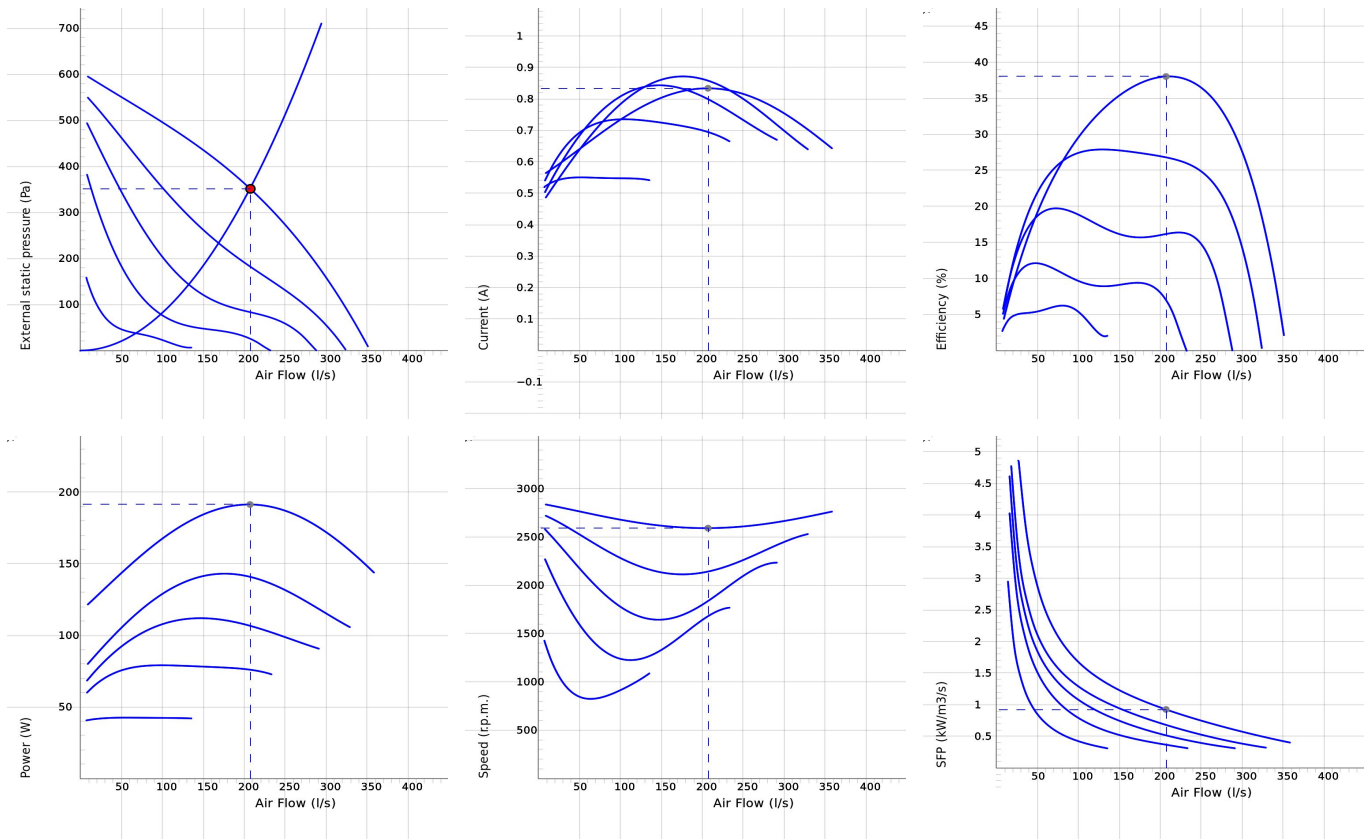
CK 315 B



CK

- 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.
- 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.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

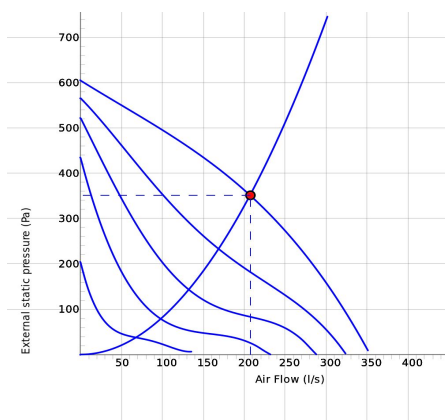
DIAGRAMS



Work Point

Air Flow (l/s)	External static pressure (Pa)	Power (W)	Speed (r.p.m.)	Current (A)	Efficiency (%)	SFP (kW/m ³ /s)	Voltage (V)
207	352	191	2592	0.834	38	0.925	230

SOUND DATA



	Tot	63	125	250	500	1k	2k	4k	8k
Inlet Lw dB(A)	71	53	57	61	61	62	66	65	59
Outlet Lw dB(A)	74	60	61	70	63	64	67	64	58
Surrounding Lw dB(A)	50	30	40	40	46	43	43	39	32
Surrounding Lp dB (A) 3m	43	23	33	33	39	36	36	32	25

Work Point

Air Flow (l/s) 207	External static pressure (Pa) 352	Power (W) 191	Speed (r.p.m.) 2592	Current (A) 0.834	Efficiency (%) 38	SFP (kW/m3/s) 0.925	Voltage (V) 230
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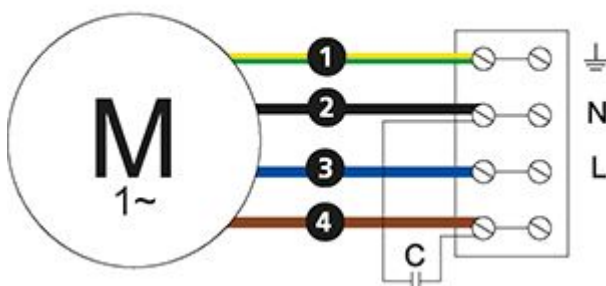
TECHNICAL DATA

Parameter	CK 315 B man tp 7000028		CK 315 B aut tp 7000067	
	Value	Unit	Value	Unit
Voltage	230	V	230	V
Phase	1	~	1	~
Frequency	50	Hz	50	Hz
Power	192	W	192	W
Current	0.84	A	0.84	A
Current when speed controlled	0.86	A	0.86	A
Speed	2590	r.p.m.	2590	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	46	dB(A)	46	dB(A)
Weight	5.8	kg	5.8	kg
Enclosure class	44	IP	44	IP
Insulation class, motor	F		F	
Capacitor	5	µF	5	µF
Duct connection	315	mm	315	mm
Max. flow	354	l/s	354	l/s
Max. pressure	599	Pa	599	Pa
Voltage range	220-240	V	220-240	V

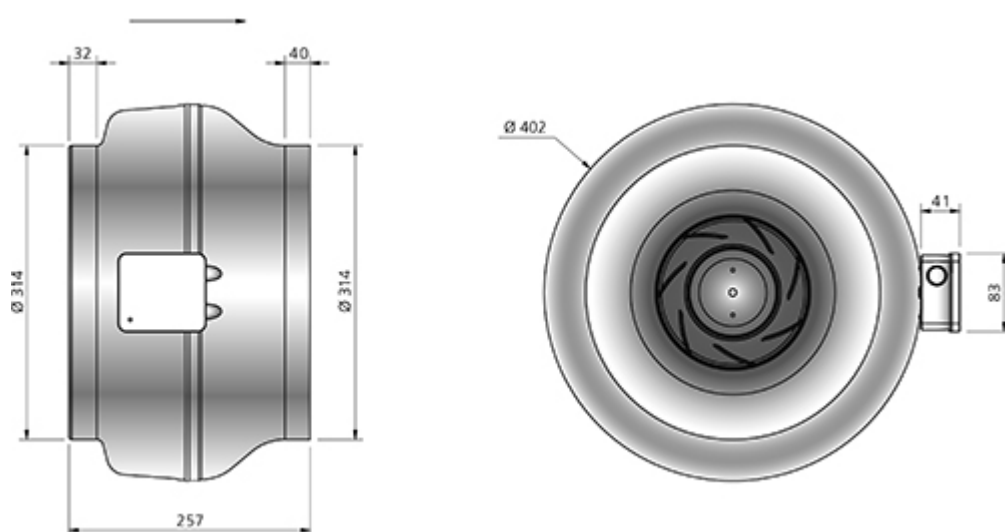
WIRING DIAGRAM

- Ⓜ = 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



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 C



Transformer controller VRDE 1.5



Speed controller VRS 1.0



Speed controller VRS 2.0