

LPKB 200 C1 ERP



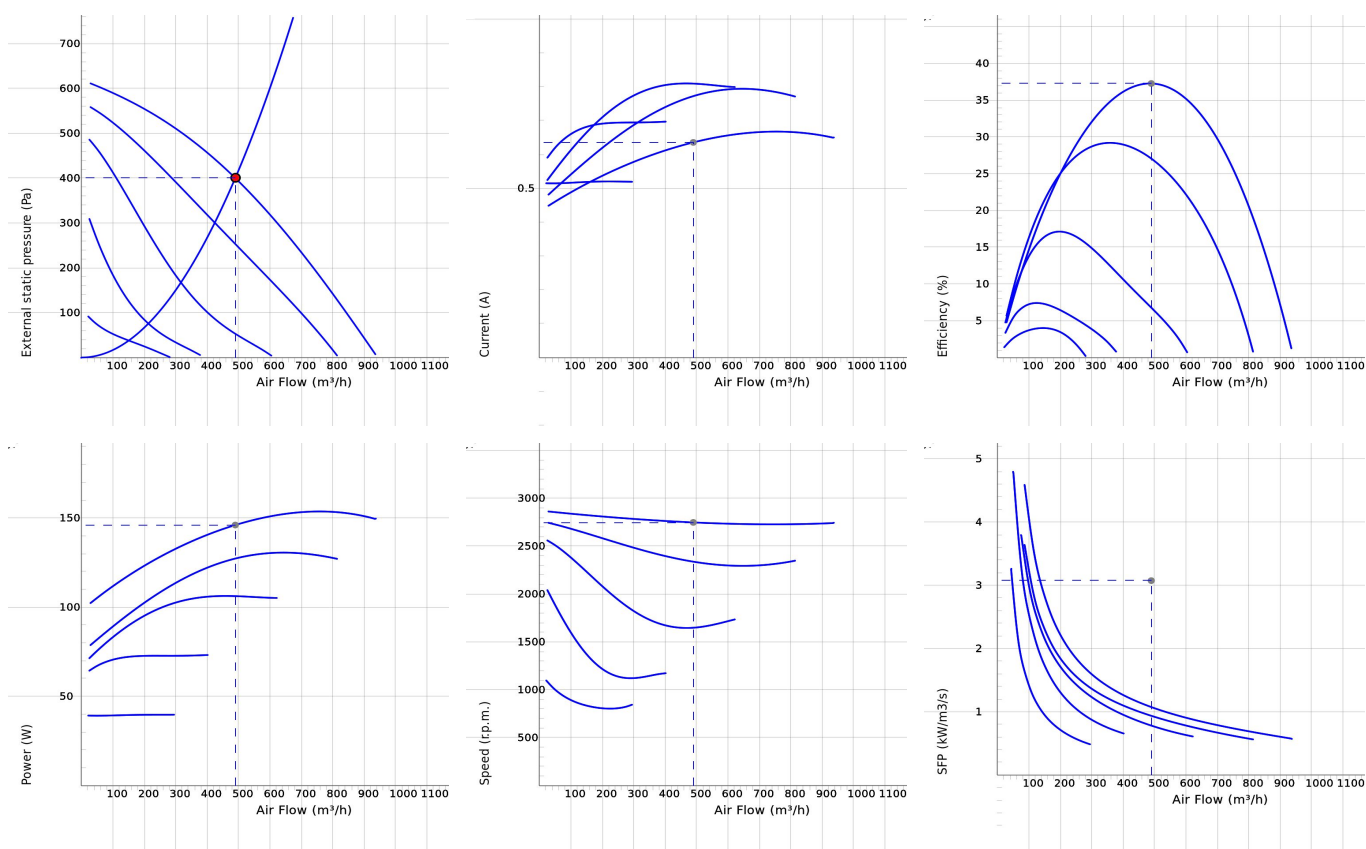
- Low profile duct fan with circular connections.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- With one connection on the inlet side.
- High capacity and efficiency with low sound levels.
- Operational in both 50 and 60 Hz.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- 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.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- A duct connected fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.



DISTRIBUTEUR EN TUNISIE

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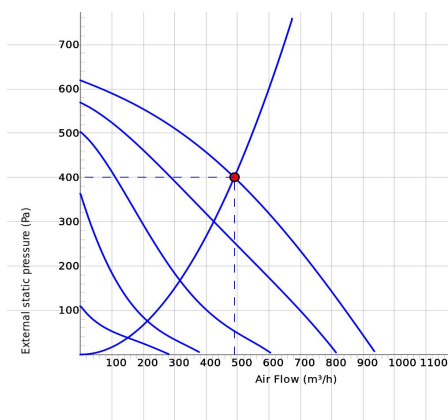
DIAGRAMS



Work Point

Air Flow (m³/h)	External static pressure (Pa)	Power (W)	Speed (r.p.m.)	Current (A)	Efficiency (%)	SFP (kW/m³/s)	Voltage (V)
490	400	146	2747	0.635	37.3	1.07	230

SOUND DATA



	Tot	63	125	250	500	1k	2k	4k	8k
Inlet Lw dB(A)	76	66	66	72	71	63	61	58	53
Outlet Lw dB(A)	80	62	66	74	77	69	67	64	59
Surrounding Lw dB(A)	63	32	46	60	59	51	46	41	35
Surrounding Lp dB (A) 3m	56								

Work Point

Air Flow (m³/h) 490	External static pressure (Pa) 400	Power (W) 146	Speed (r.p.m.) 2747	Current (A) 0.635	Efficiency (%) 37.3	SFP (kW/m³/s) 1.07	Voltage (V) 230
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TECHNICAL DATA

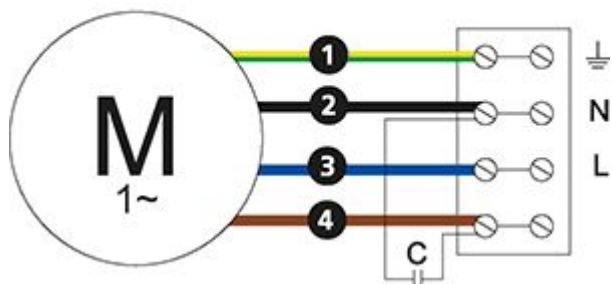
Parameter	LPKB 200 C1 ErP man tp 7540301		LPKB 200 C1 ErP aut tp 7540303	
	Value	Unit	Value	Unit
Voltage	230	V	230	V
Phase	1	~	1	~
Frequency	50	Hz	50	Hz
Optional frequency	60	Hz	60	Hz
Power	154	W	154	W
Current	0.67	A	0.67	A
Current when speed controlled	0.79	A	0.79	A
Speed	2730	r.p.m.	2730	r.p.m.
Max. 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	58	dB(A)	58	dB(A)
Weight	8.4	kg	8.4	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	943.20264096739	m³/h	943.20264096739	m³/h
Max. pressure	619	Pa	619	Pa
Voltage range	220-240	V	220-240	V

ECODESIGN

Parameter	Value	Unit
(a) Manufacturer	Östberg	-
(b) Model code	LPKB 200 C 1 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	0.162	m ³ /s
(h) Effective power input	0.151	kW
(i) SFP int	N/A	W/(m ³ /s)
(j) Face velocity	5.2	m/s
(k) Nominal external pressure	333	Pa
(l) Internal pressure drop	N/A	Pa
(n) Static efficiency	43.3	%
(o) External (and internal) leakage rate	1.25 (N/A)	%
(p) Filter classification	N/A	%
(q) Visual filter warning	N/A	-
(r) Sound power level	65	dB LwA
(s) Disassembly instructions	www.ostberg.com	-

WIRING DIAGRAM

4040001



Ⓜ = 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

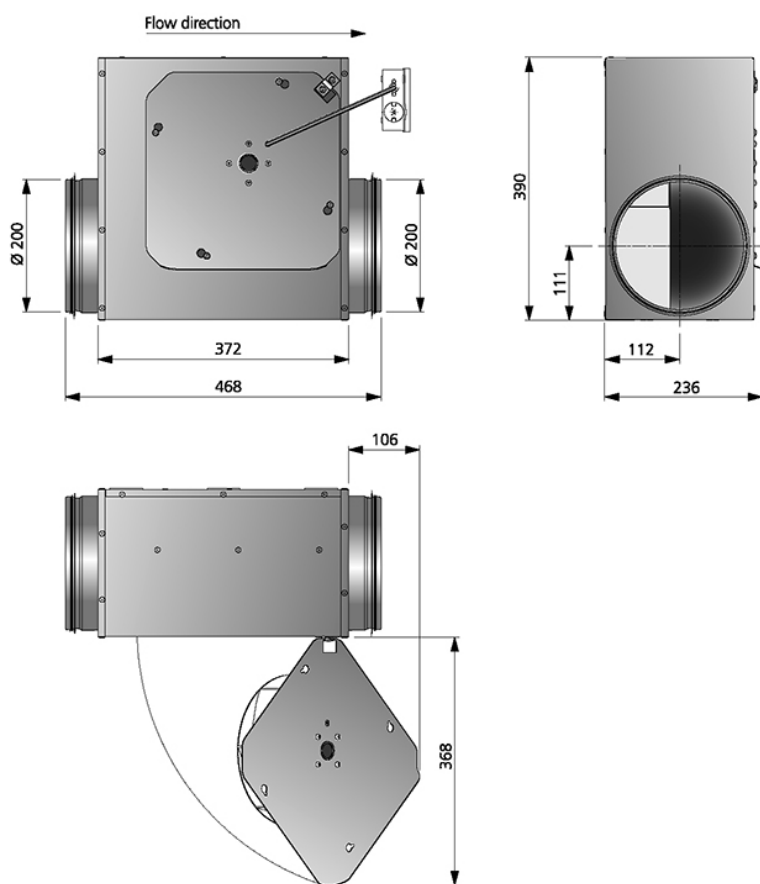
⑨ = Green

⑩ = Violet

⑪ = Quick switch

⑫ = Yellow

DIMENSIONS



ACCESSORIES

Mechanical accessories



Mounting 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 1



Transformer controller VRDE 1.5



Speed controller VRS 1.0



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