

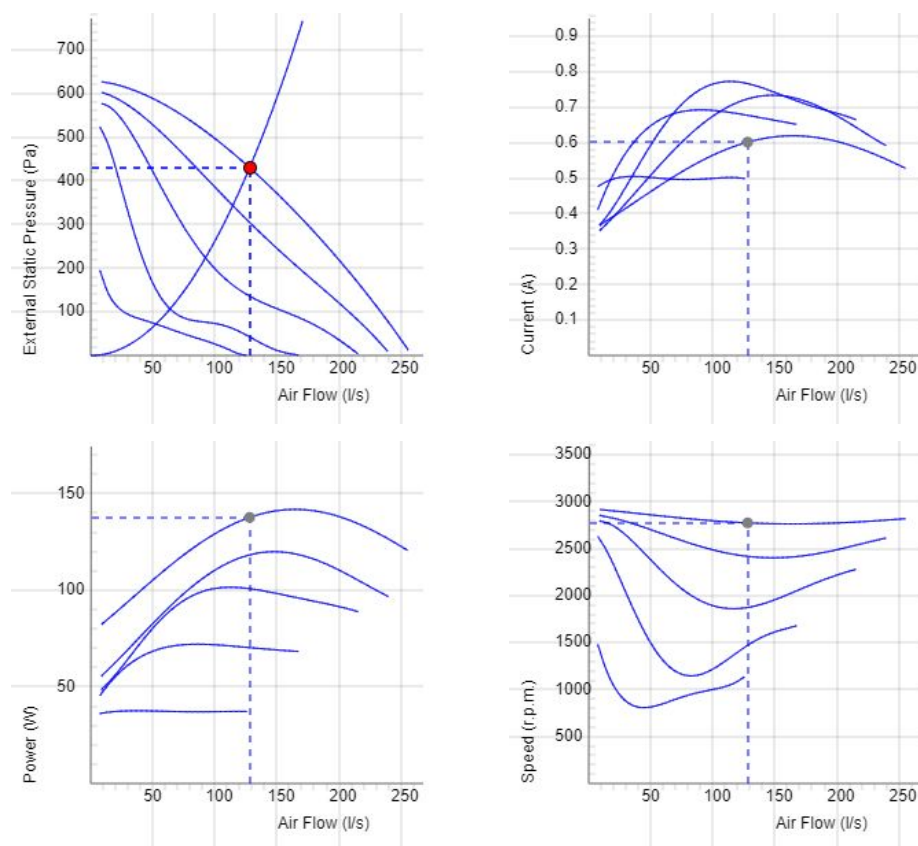
TKS 400 C1



- Roof fan with square connection.
- Horizontal outlet.
- High performance and proven reliability.
- 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 which is polyester plastic coated in black as standard.
- Swing-up design to simplify maintenance and cleaning of the impeller.
- The easiest way to mount the roof fan is with a roof curb, TFU to TKS.
- The fan complies with environmental requirement M2.



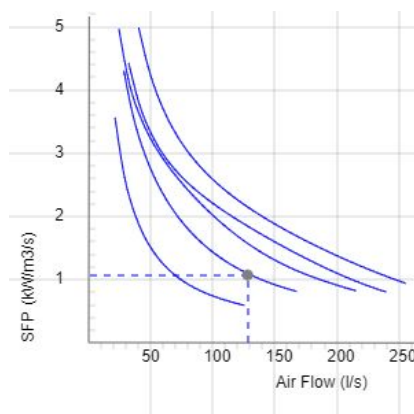
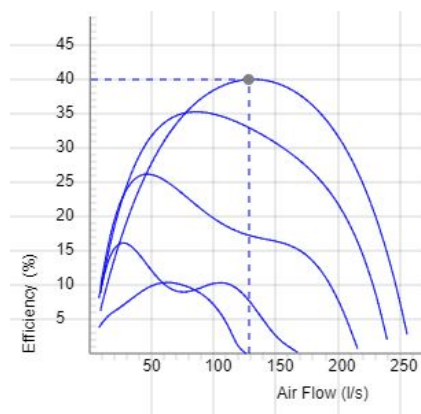
DIAGRAMS



Data

Air Flow (l/s) 128	External static pressure (Pa) 430	Power (W) 138	Speed (r.p.m.) 2775	Current (A) 0.602	Voltage (V) 230
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DIAGRAMS

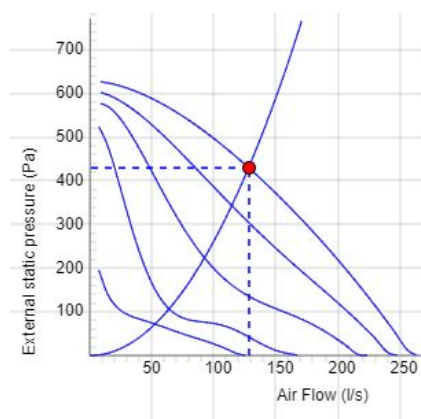


DATA

Efficiency (%)
40

SFP (kW/m3/s)
1.08

SOUND DATA



	Tot	63	125	250	500	1k	2k	4k	8k
Inlet Lw dB(A)	72	57	61	64	66	64	61	62	58
Surrounding Lw dB(A)	67	35	44	57	61	63	61	56	51
Surrounding Lp dB (A) 20m ² Sabine, hemispherical 3m	60								

Data - SOUND

Air Flow (l/s)	External static pressure (Pa)	Power (W)	Speed (r.p.m.)	Current (A)	Efficiency (%)	SFP (kW/m3/s)	Voltage (V)
128	430	138	2775	0.602	40	1.08	230

TECHNICAL DATA

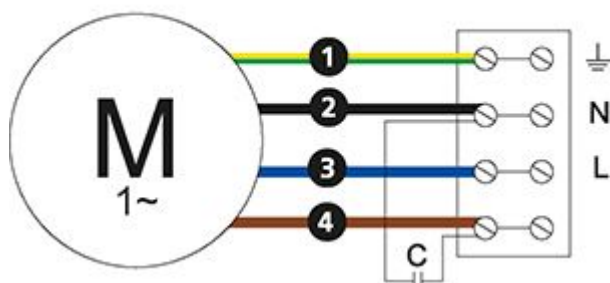
Parameter	TKS 400 C1 Black w cable 7210026		TKS 400 C1 Brick red w cable 7210034	
	Value	Unit	Value	Unit
Voltage	230	V	230	V
Phase	1	~	1	~
Frequency	50	Hz	50	Hz
Optional frequency	60	Hz	60	Hz
Power	141	W	141	W
Current	0.62	A	0.62	A
Speed	2760	r.p.m.	2760	r.p.m.
Max. temperature of transported air	80	°C	80	°C
Max. temperature of transported air when speed controlled	80	°C	80	°C
Sound pressure level at 3 m	63	dB(A)	63	dB(A)
Weight	6.7	kg	6.7	kg
Enclosure class	44	IP	44	IP
Insulation class, motor	F		F	
Capacitor	5	µF	5	µF
Max. flow @ 0Pa	259	l/s	259	l/s
Max. pressure	627	Pa	627	Pa
Voltage range	220-240	V	220-240	V

PRODUCT INFORMATION SHEET

Parameter	Value	Unit
(a) Manufacturer	Östberg	-
(b) Model code	TKS 400 C1	-
(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	0.134	kW
(i) SFP int	N/A	W/(m ³ /s)
(j) Face velocity	3.7	m/s
(k) Nominal external pressure	464	Pa
(l) Internal pressure drop	N/A	Pa
(n) Static efficiency	43.0	%
(o) External (and internal) leakage rate	N/A	%
(p) Filter classification	N/A	%
(q) Visual filter warning	N/A	-
(r) Sound power level		dB LwA
(s) Disassembly instructions	www.ostberg.com	-

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

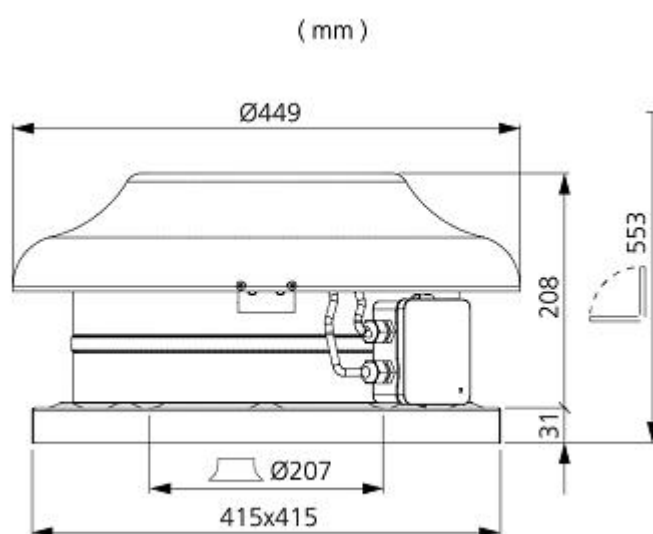
9 = Green

10 = Violet

11 = Quick switch

12 = Yellow

DIMENSIONS



ACCESSORIES

Mechanical accessories



Roof curb TFU 400



Connection plate TFU 400



Back draught shutter
TFU 400

Electrical accessories



Transformer
controller VRTE C



Transformer
controller VRDE 1.5



Speed controller VRS
1.0