

TKS 400 A

Description

The TKS range of roof fans have a square curb mounting and are easy to install.

The combination of a high quality external rotor motor and backward curved impeller ensures high performance and safe operation.

They are manufactured from polyester coated galvanised sheet metal for superior corrosion resistance. The speed controllable motors have sealed for life ball bearings.

TKS roof units have a swing out design for easy cleaning and maintenance.



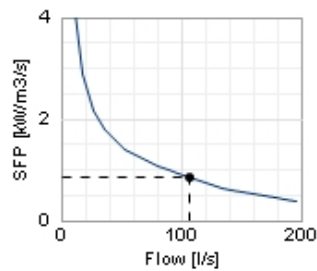
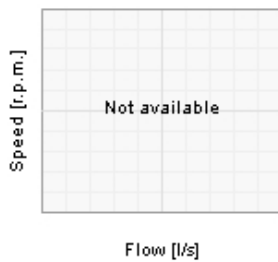
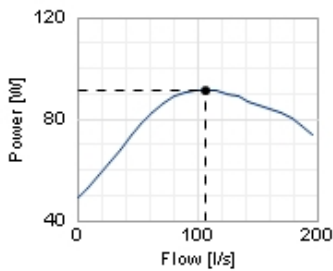
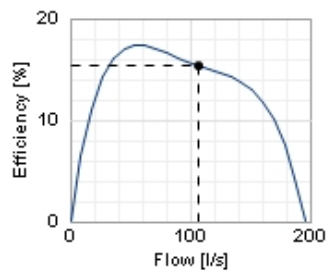
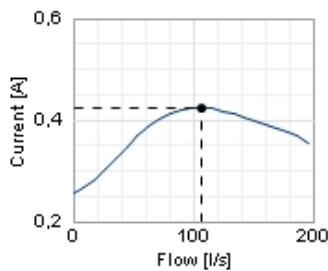
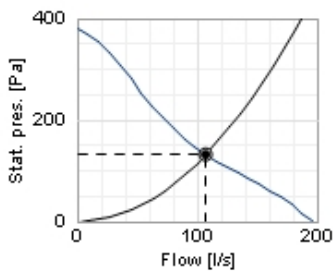
Technical data

Parameter	value	Unit
Voltage	230	V
Phase	1	~
Frequency	50	Hz
Power	91	W
Current	0,42	A
R.p.m.	1850	r.p.m.
Max. temperature of transported air	70	°C
Max. temperature of transported air when speed-controlled	70	°C
Sound pressure level at 3 m	58	dB(A)
Length	450	mm
Width	450	mm
Height	235	mm
Weight	6	kg
Enclosure class, motor	44	IP
Insulation class, motor	F	
Capacitor	4	µF

Diagrams

○ Selected point

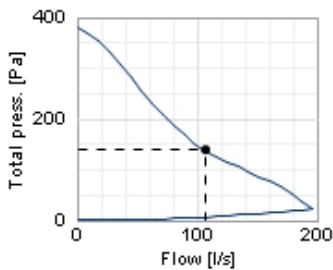
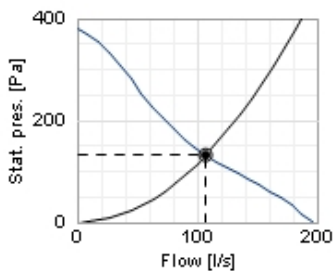
Flow [l/s]	59,1
Stat. pres. [Pa]	239
● Work point	
Flow [l/s]	59,1
Stat. pres. [Pa]	239
Power [W]	81,2
Current [A]	0,381
Speed [r.p.m.]	-
Efficiency [%]	17,4
SFP [kW/m ³ /s]	1,33
Voltage [V]	230



Sound

○ Selected point

Flow [l/s]	107
Stat. pres. [Pa]	131
● Work point	
Flow [l/s]	107
Stat. pres. [Pa]	132
Total press. [Pa]	139
Power [W]	91,5
Current [A]	0,425
Speed [r.p.m.]	-
Efficiency [%]	15,4
SFP [kW/m ³ /s]	0,84
Voltage [V]	230

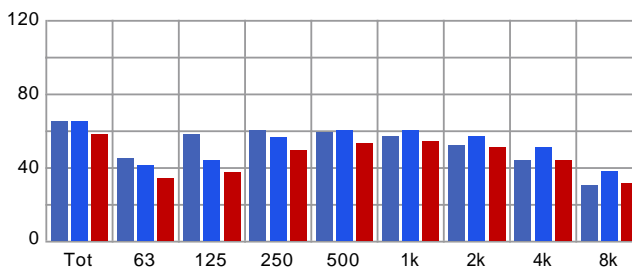


Distance: 3

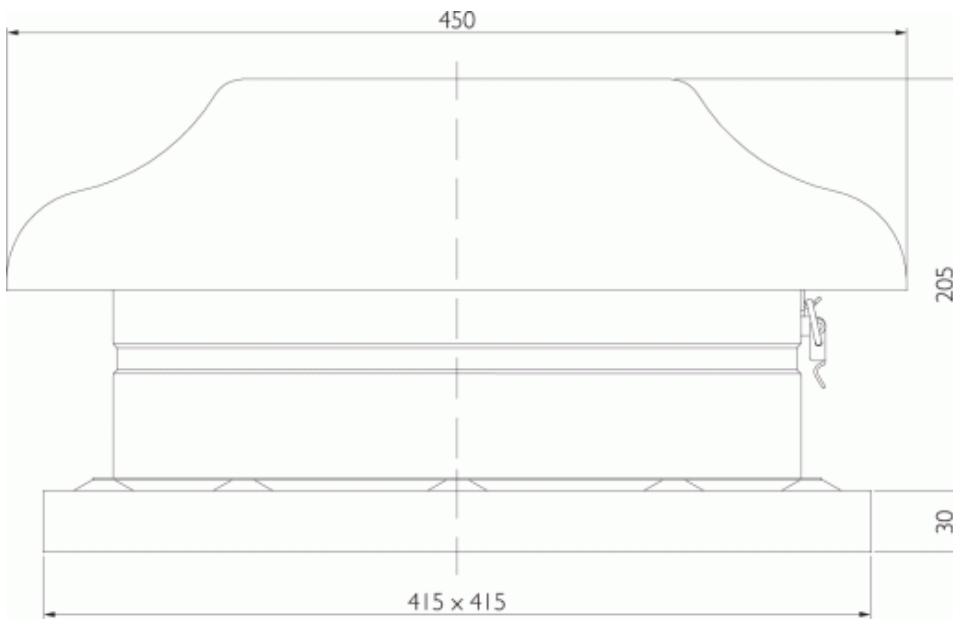
Propagation type: Semi-spherical

Equivalent absorption area: 20

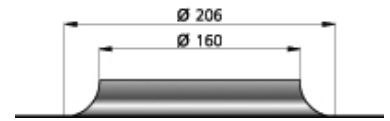
	Tot	63	125	250	500	1k	2k	4k	8k
Inlet Lw dB(A)	65	45	58	60	59	57	52	44	30
Surrounding Lw dB(A)	65	41	44	56	60	60	57	51	38
Surrounding Lp dB(A)	58	34	37	49	53	54	51	44	31



Dimensions

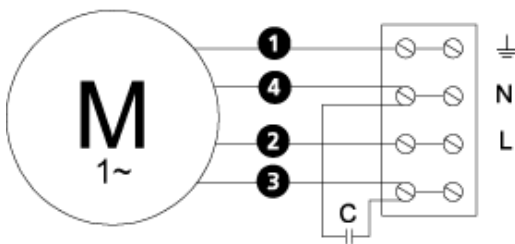


INLOPPSDYSA / INLET CONE



Wiring diagram

4040002



- (M) = Fan Motor
- (M1) = Fan Motor
- (M2) = Fan Motor
- (M3) = Rotor Motor
- 1 = Yellow/Green
- 2 = Black
- 3 = Blue
- 4 = Brown
- 5 = White (TW)
- 6 = Orange
- 7 = Grey
- 8 = Red
- 9 = Green
- 10 = Violet

Accessories

Electric accessories



VRDE 1,5



VRS 0,5



VRTEC

Accessories



TFU 400