

## TKS 400 B

### 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.



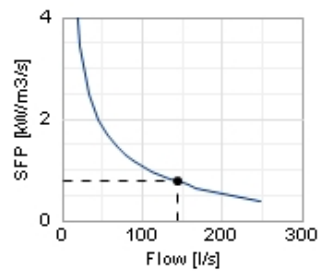
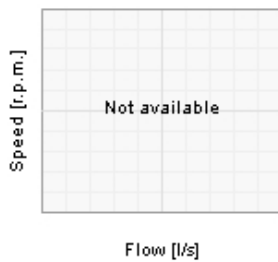
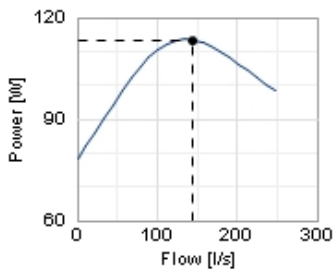
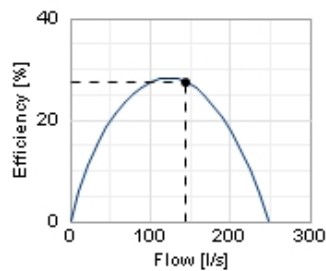
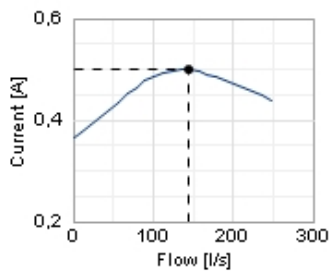
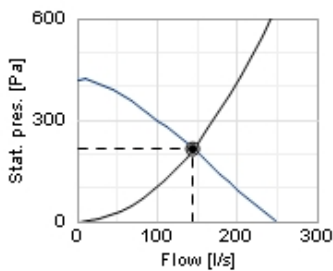
### Technical data

Parameter	value	Unit
Voltage	230	V
Phase	1	~
Frequency	50	Hz
Power	113	W
Current	0,5	A
R.p.m.	2580	r.p.m.
Max. temperature of transported air	60	°C
Max. temperature of transported air when speed-controlled	60	°C
Sound pressure level at 3 m	65	dB(A)
Length	450	mm
Width	450	mm
Height	235	mm
Weight	6,1	kg
Enclosure class, motor	44	IP
Insulation class, motor	F	
Capacitor	4	µF

## Diagrams

○ Selected point

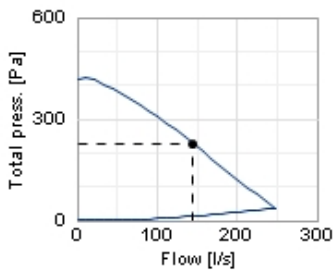
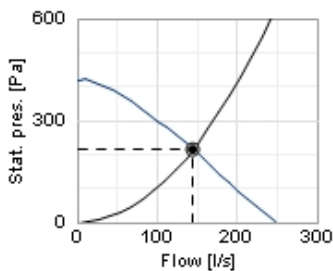
Flow [l/s]	124
Stat. pres. [Pa]	259
● Work point	
Flow [l/s]	124
Stat. pres. [Pa]	259
Power [W]	113
Current [A]	0,498
Speed [r.p.m.]	-
Efficiency [%]	28,2
SFP [kW/m <sup>3</sup> /s]	0,898
Voltage [V]	230



## Sound

○ Selected point

Flow [l/s]	145
Stat. pres. [Pa]	215
● Work point	
Flow [l/s]	145
Stat. pres. [Pa]	215
Total press. [Pa]	228
Power [W]	113
Current [A]	0,499
Speed [r.p.m.]	-
Efficiency [%]	27,5
SFP [kW/m <sup>3</sup> /s]	0,769
Voltage [V]	230

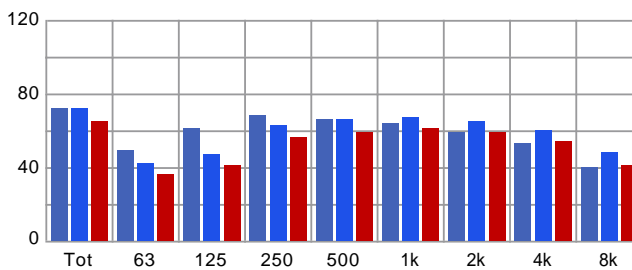


Distance: 3

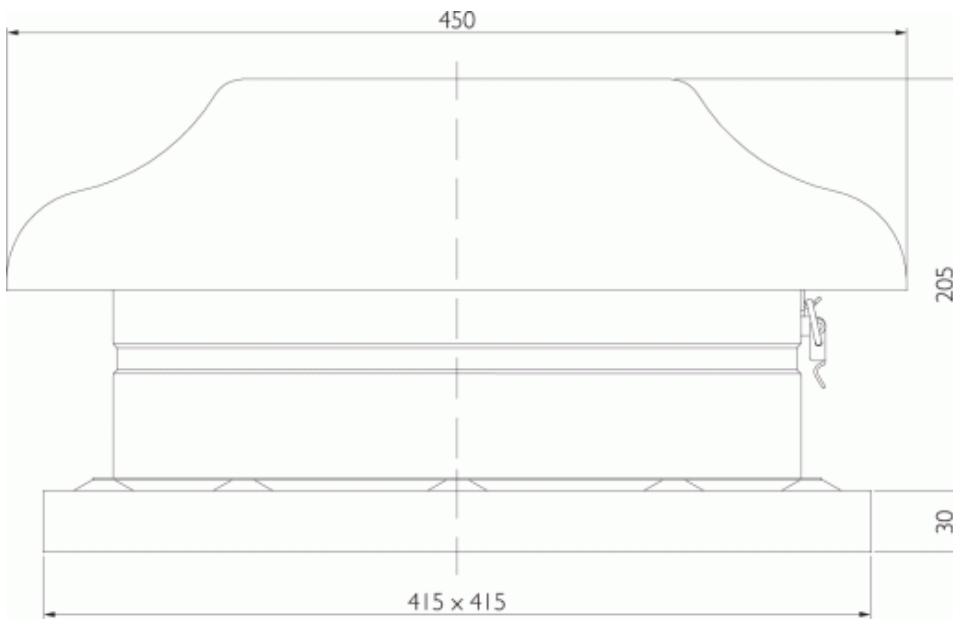
Propagation type: Semi-spherical

Equivalent absorption area: 20

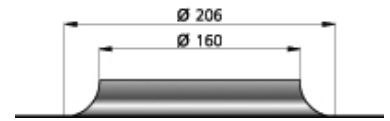
	Tot	63	125	250	500	1k	2k	4k	8k
Inlet Lw dB(A)	72	49	61	68	66	64	59	53	40
Surrounding Lw dB(A)	72	42	47	63	66	67	65	60	48
Surrounding Lp dB(A)	65	36	41	56	59	61	59	54	41



## Dimensions

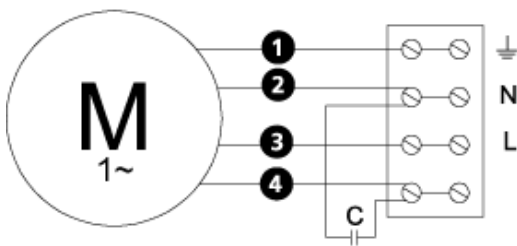


## INLOPPSDYSA / INLET CONE



## 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 (TW)
- 6 = Orange
- 7 = Grey
- 8 = Red
- 9 = Green
- 10 = Violet

## Accessories

### Electric accessories



VRDE 1,5



VRS 1,0



VRTEC

### Accessories



TFU 400