

TKV/TKH 960 B3

Description

Our new, unique and patent pending roof fans you can easily modify for either horizontal or vertical outlet. Equally easy to clean and maintain. They achieve a higher airflow compared to the previous models but with even lower sound levels.



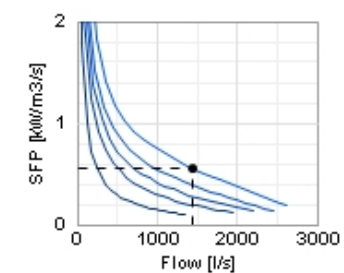
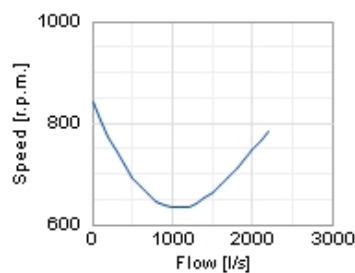
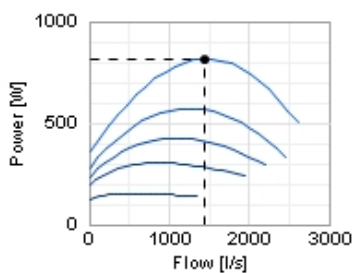
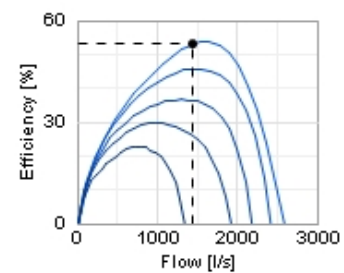
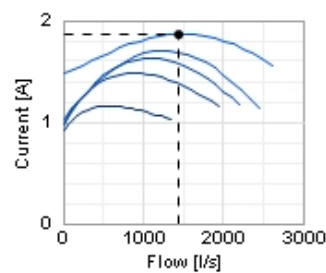
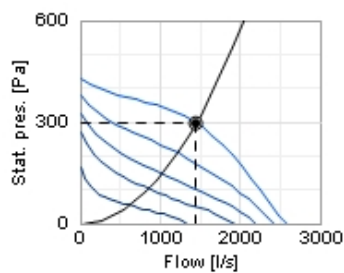
Technical data

Parameter	value	Unit
Voltage	400	V
Phase	3	~
Frequency	50	Hz
Power	820	W
Current	1,9	A
R.p.m.	890	r.p.m.
Max. temperature of transported air	45	°C
Max. temperature of transported air when speed-controlled	45	°C
Sound pressure level at 10 m	53	dB(A)
Weight	80	kg
Enclosure class, motor	44	IP
Insulation class, motor	F	

Diagrams

○ Selected point

Flow [l/s]	1566
Stat. pres. [Pa]	280
● Work point	
Flow [l/s]	1566
Stat. pres. [Pa]	280
Power [W]	815
Current [A]	1,87
Speed [r.p.m.]	-
Efficiency [%]	53,7
SFP [kW/m ³ /s]	0,512
Voltage [V]	400



Sound

○ Selected point

Flow [l/s]
1450

Stat. pres. [Pa]
299

● Work point

Flow [l/s]
1450

Stat. pres. [Pa]
299

Total press. [Pa]
320

Power [W]
817

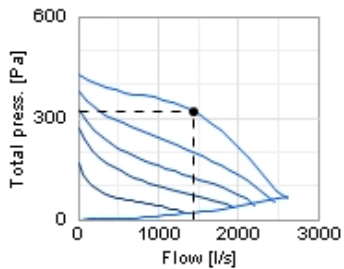
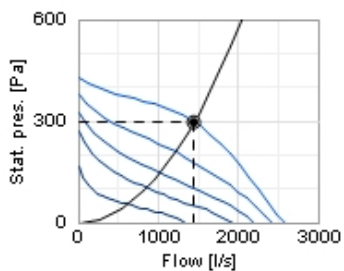
Current [A]
1,87

Speed [r.p.m.]
-

Efficiency [%]
53,1

SFP [kW/m³/s]
0,554

Voltage [V]
400

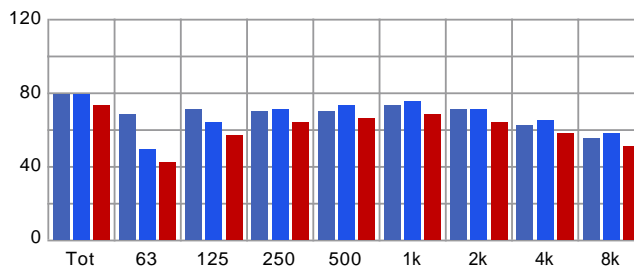


Distance: 3

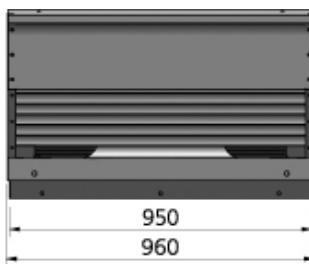
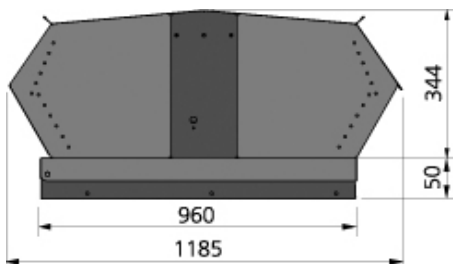
Propagation type: Semi-spherical

Equivalent absorption area: 20

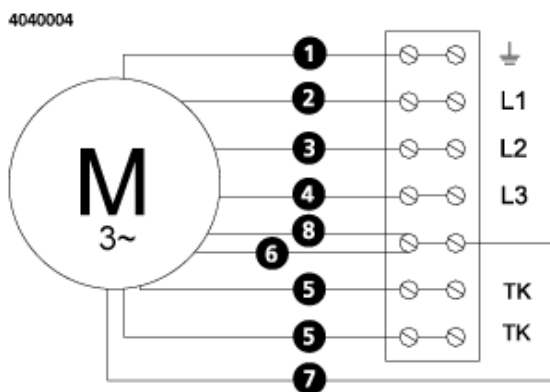
	Tot	63	125	250	500	1k	2k	4k	8k
Inlet Lw dB(A)	79	68	71	70	70	73	71	62	55
Surrounding Lw dB(A)	79	49	64	71	73	75	71	65	58
Surrounding Lp dB(A)	73	42	57	64	66	68	64	58	51



Dimensions



Wiring diagram



- (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

Accessories



TFU 960