

## Description

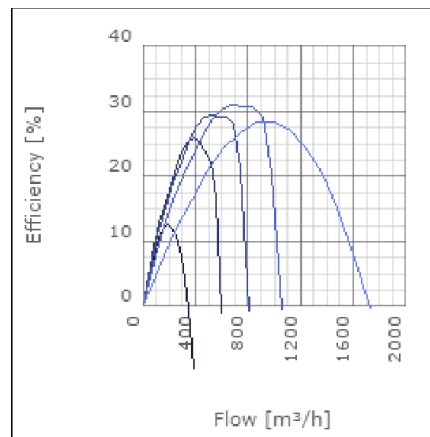
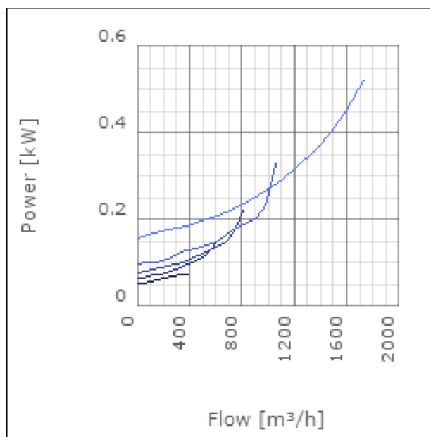
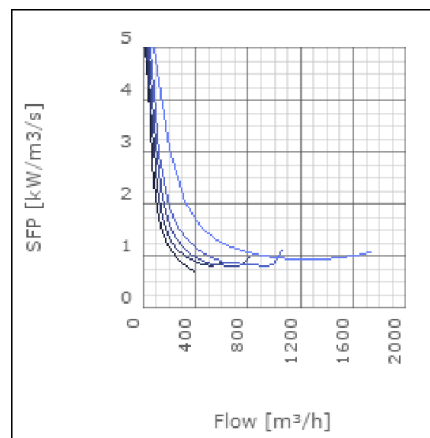
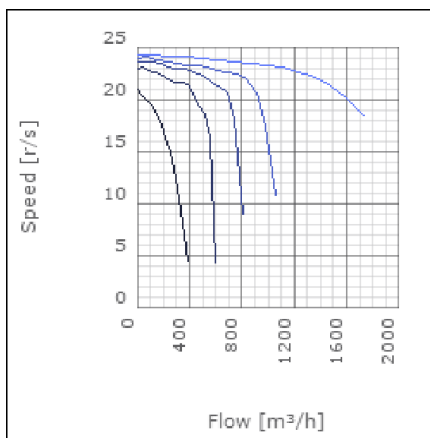
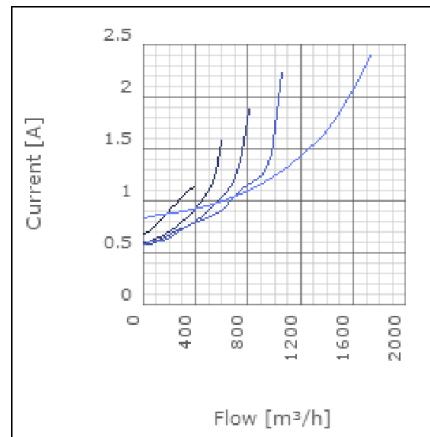
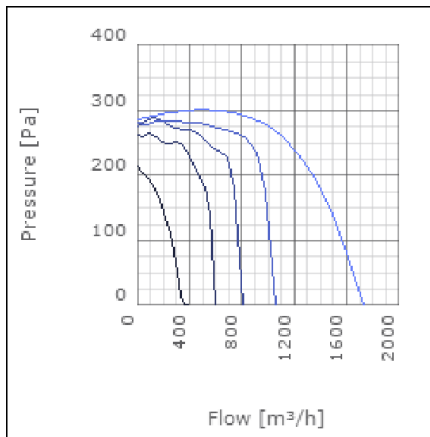
RK is a range of straight flow in-line centrifugal duct fans designed for rectangular ducts. They are compact, high capacity fans which operate quietly and can be fitted in any position. RK fans have forward curved impellers and are designed to cope with high pressure and long duct. The fans have a rigid housing made from galvanised steel. They are moisture proof and approved for use in outdoor environments. The motors are maintenance free and protected from overheating by thermo contacts. The impellers only require occasional cleaning. This cleaning is made easy with the RK's swing out design. All fans are supplied fully wired and ready to fit in a sealed installation unit. The fans are not intended for transporting grinding dust, soot or similar. RK fans come in 8 sizes, which gives a total of 24 different capacities.



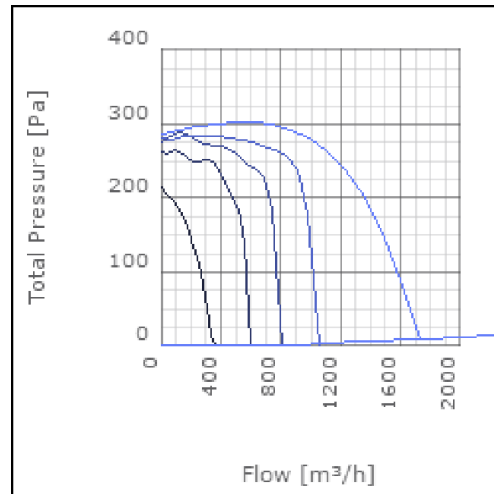
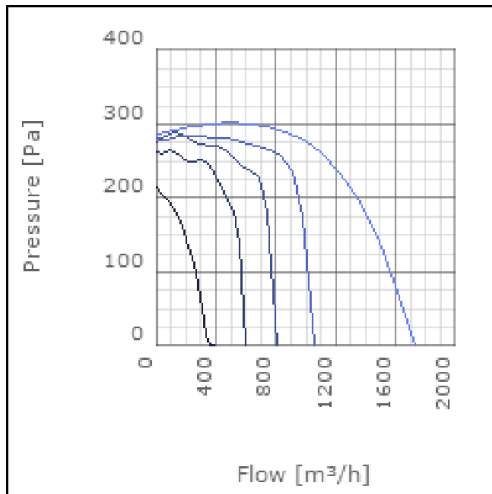
## Technical data

Parameter	Value	Unit
Voltage	230	V
Phase	1	~
Frequency	50	Hz
Power	0.49	kW
Current	2.2	A
R.p.m.	19	r/s
Max. temperature of transported air	40	°C
Max. temperature of transported air when speed-controlled	40	°C
Sound pressure level at 3 m	55.7	dB(A)
Length	532	mm
Width	543	mm
Height	314	mm
Weight	17	kg
Enclosure class, motor	44	IP
Insulation class, motor	F	
Capacitor	8	µF
Duct connection	500x250 mm	

Diagrams



Sound



	Tot	63	125	250	500	1k	2k	4k	8k
Inlet	-	-	-	-	-	-	-	-	-
Outlet	-	-	-	-	-	-	-	-	-
Surrounding	-	-	-	-	-	-	-	-	-
Surrounding	-	-	-	-	-	-	-	-	-

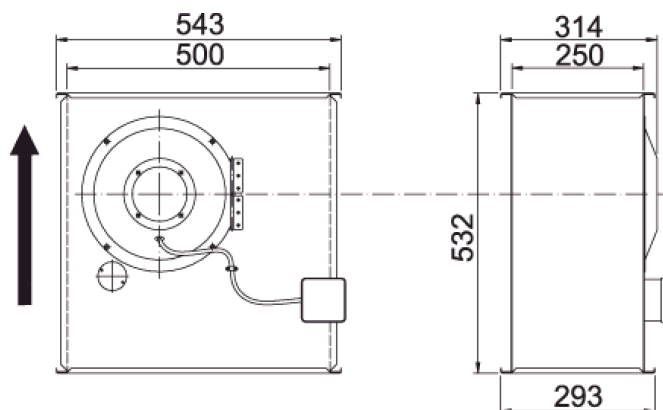
  

120									
80									
40									
0									
	Tot	63	125	250	500	1k	2k	4k	8k

**Parameter**

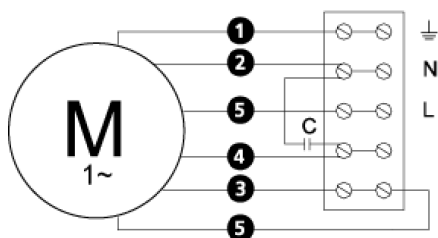
Distance: 3.000  
 Propagation type: Hemi-spherical  
 Equivalent absorption area: 20.00

## Dimensions



## Wiring diagram

4040005



- (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

- ETFV-94A
- FRE 6
- VRDE 3
- VRS 4,0
- VRTE 3

## Electrical accessories

- FLR 500x250
- DS 500x250
- RKC-Kit 250 (500x250)
- LDR 500x250