

## Description

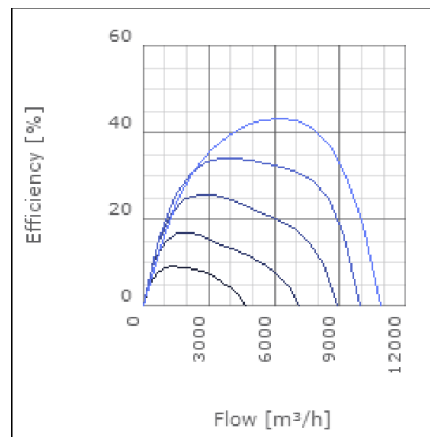
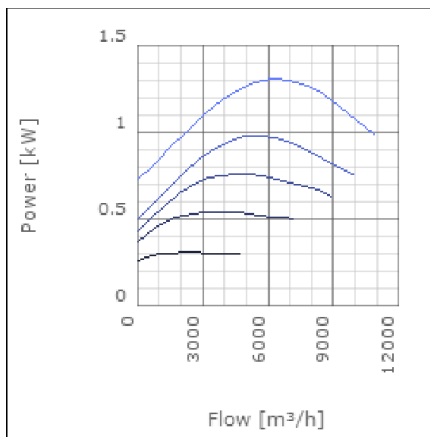
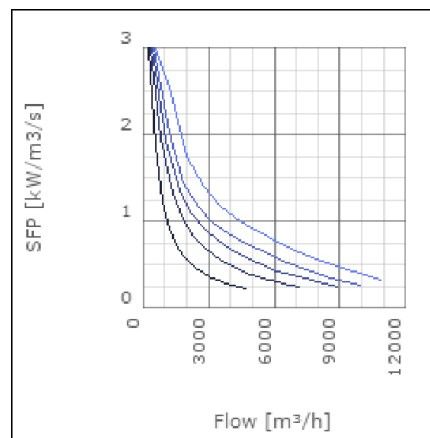
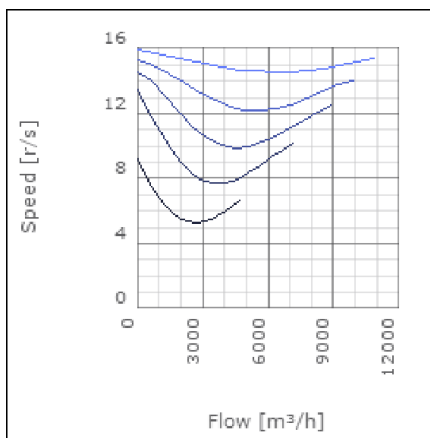
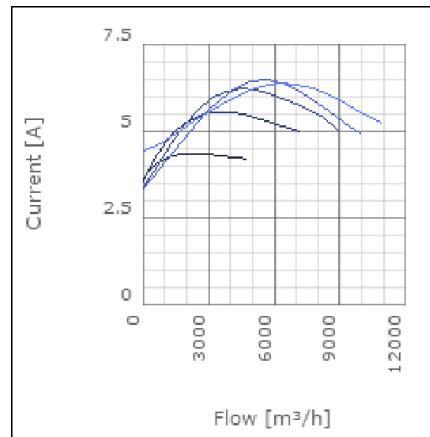
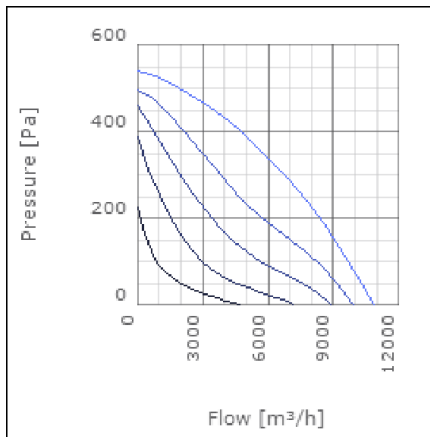
RKB is a range of straight flow in-line centrifugal duct fans designed for rectangular ducts. They are compact, high capacity fans which operate quietly and can be fitted in any position. RKB fans have backward curved impellers and are designed to cope with high pressure and long duct. The fans have 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 RKB'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. RKB fans come in 25 sizes.



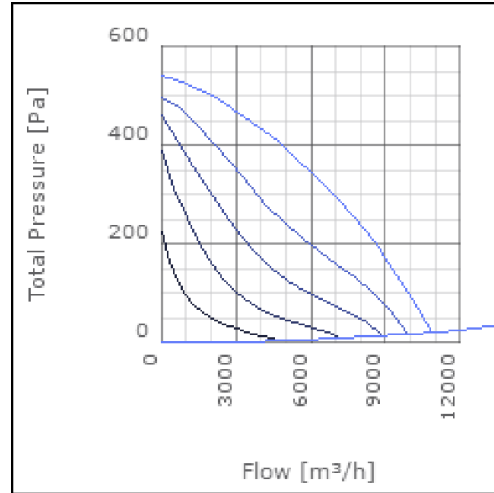
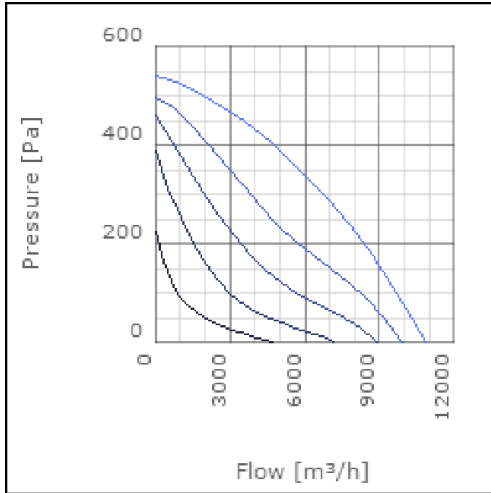
## Technical data

Parameter	Value	Unit
Voltage	230	V
Phase	1	~
Frequency	50	Hz
Power	1.32	kW
Current	6.43	A
R.p.m.	15	r/s
Max. temperature of transported air	50	°C
Max. temperature of transported air when speed-controlled	50	°C
Sound pressure level at 3 m	59	dB(A)
Length	1017	mm
Width	1043	mm
Height	561	mm
Weight	88	kg
Enclosure class, motor	44	IP
Insulation class, motor	F	
Capacitor	30	µF
Duct connection	1000x500 mm	

Diagrams



Sound



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

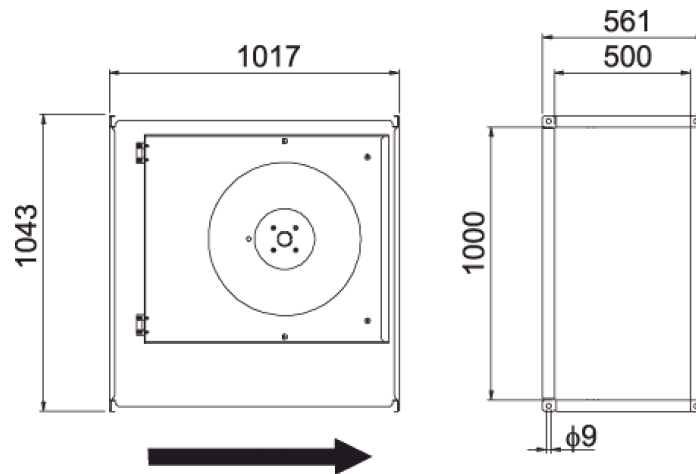
  

An empty grid for plotting sound pressure level data. The y-axis ranges from 0 to 120, and the x-axis has labels for Tot, 63, 125, 250, 500, 1k, 2k, 4k, and 8k.

**Parameter**

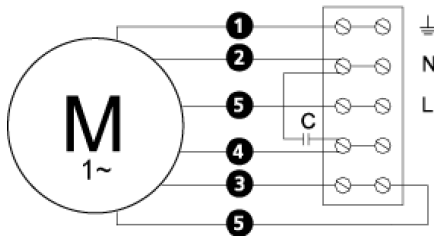
Distance: 3.000  
 Propagation type: Hemi-spherical  
 Equivalent absorption area: 20.00

## 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

VRDE 13  
VRTE 13

## Electrical accessories

FLR 1000x500  
DS 1000x500  
LDR 1000x500