

Description

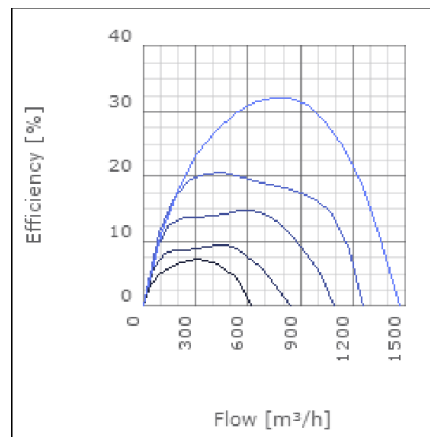
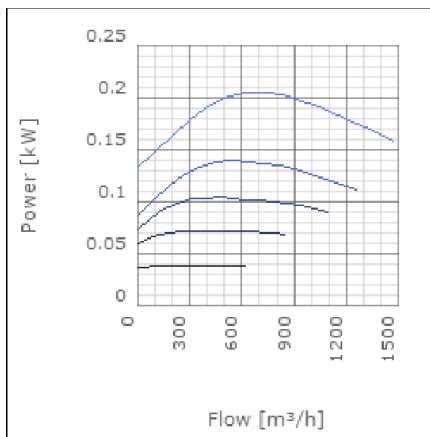
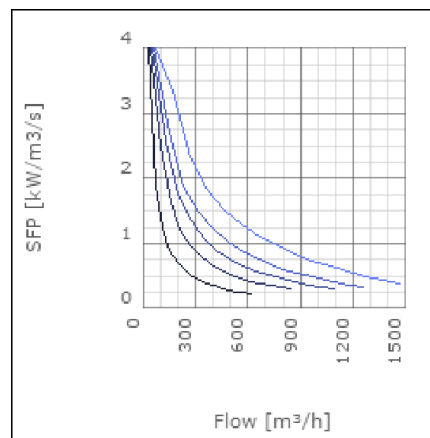
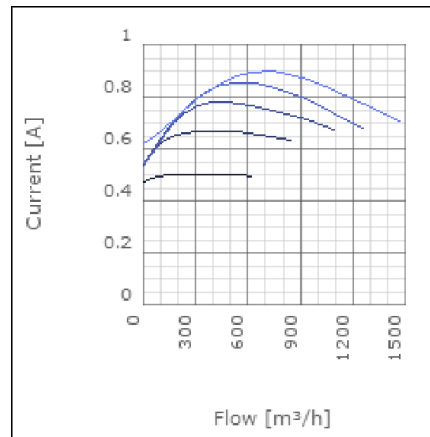
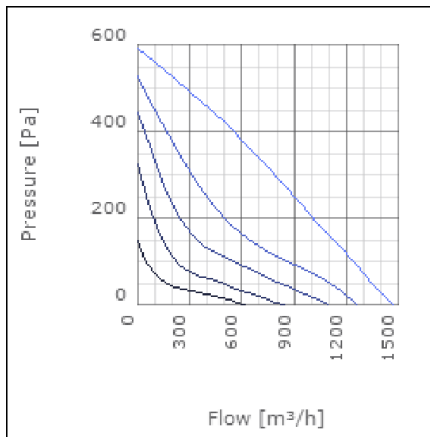
RKB is a range of straight flow in-line centrifugal duct fans designed for rectangular ducts. They are compact, high capacity fans which operate quietly and can be fitted in any position. RKB fans have backward curved impellers and are designed to cope with high pressure and long duct. The fans have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



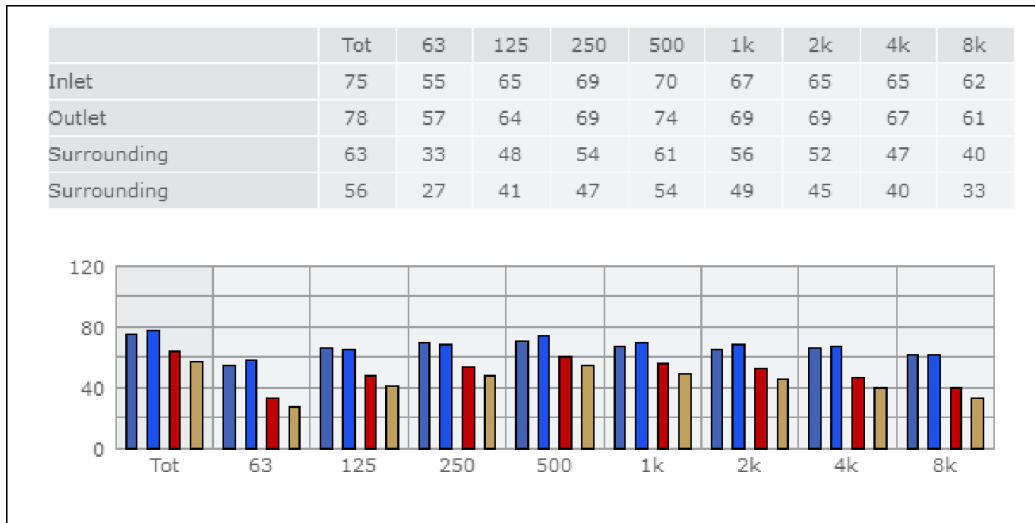
Technical data

Parameter	Value	Unit
Voltage	230	V
Phase	1	~
Frequency	50	Hz
Power	0.21	kW
Current	0.91	A
R.p.m.	40	r/s
Max. temperature of transported air	45	°C
Max. temperature of transported air when speed-controlled	45	°C
Sound pressure level at 3 m	56	dB(A)
Length	502	mm
Width	442	mm
Height	251	mm
Weight	10.5	kg
Enclosure class, motor	44	IP
Insulation class, motor	F	
Capacitor	5	µF
Duct connection	400x200 mm	

Diagrams



Sound



Parameter

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

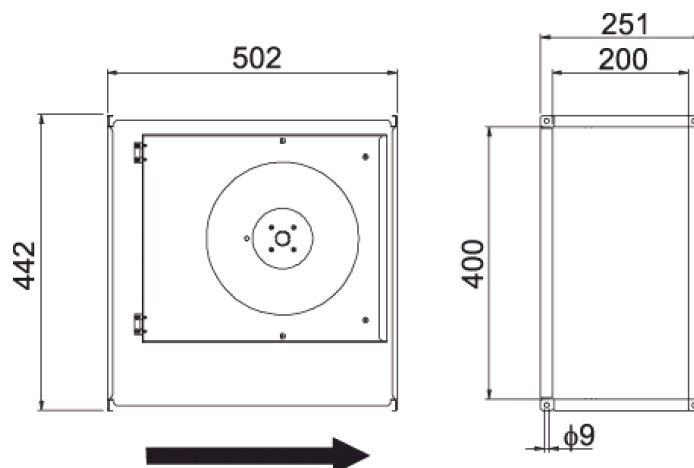
Checked point

Flow 679.856m³/h
 Static pressure 347Pa

Working point

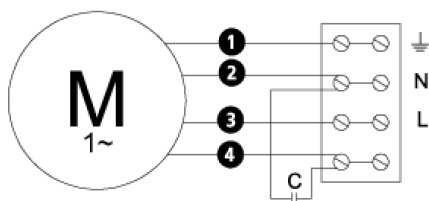
Flow 680.901m³/h
 Static Pressure 348Pa
 Power 0.21kW
 Speed 0r/s
 Current 0.9A
 Voltage 230V
 Efficiency 31.873%
 SFP 0kW/m³/s

Dimensions



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

ETFV-94A
FRE 6
VRDE 1,5
VRS 1,0
VRTEC

Electrical accessories

FLR 400x200
DS 400x200
LDR 400x200