

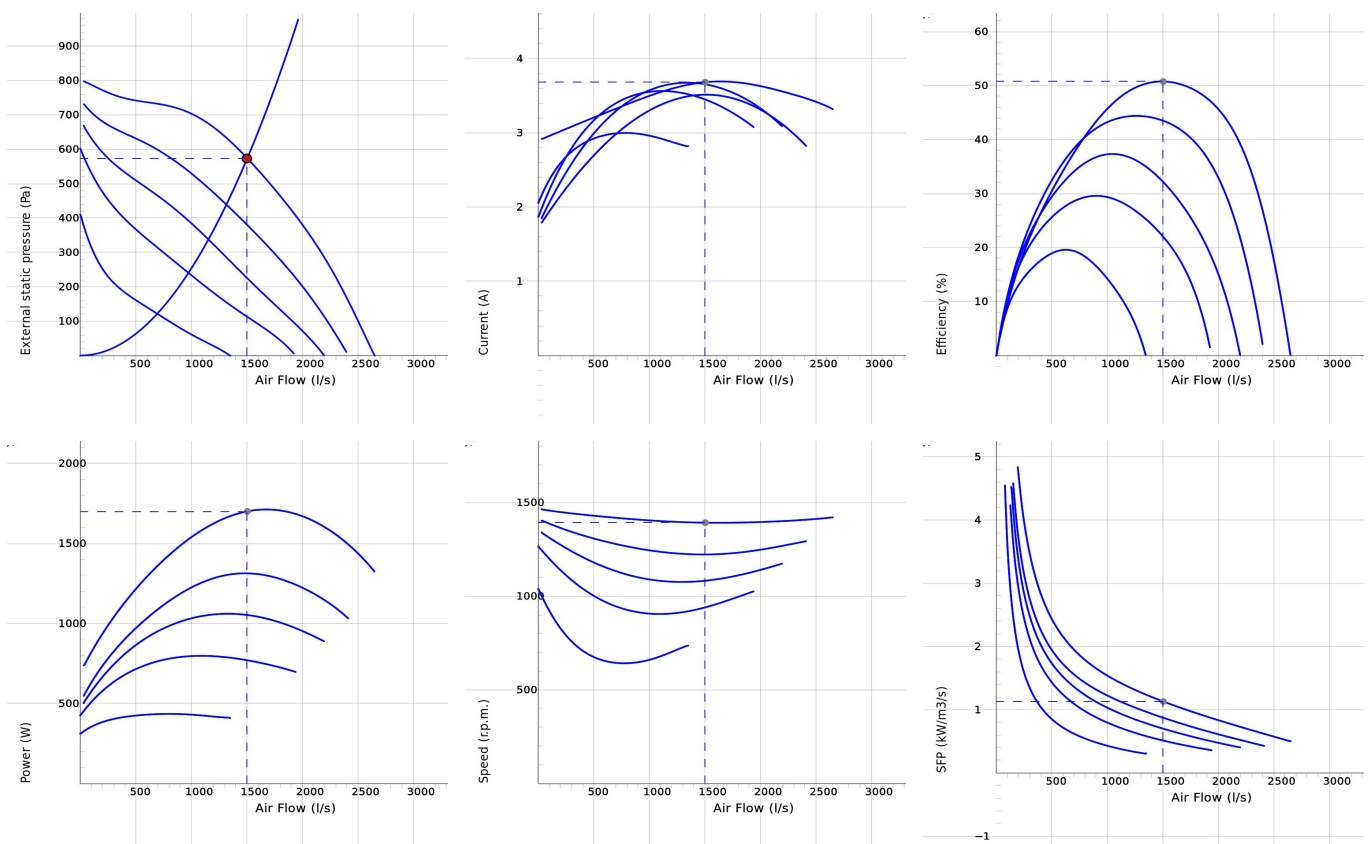
RKB 800X500 K3



RKB

- Duct fan with rectangular connections.
- Proven performance and reliability.
- High capacity and very good efficiency.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated motor protection.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electric speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- A duct connected fan can be installed outside or in damp environments.
- Easy installation in any position.

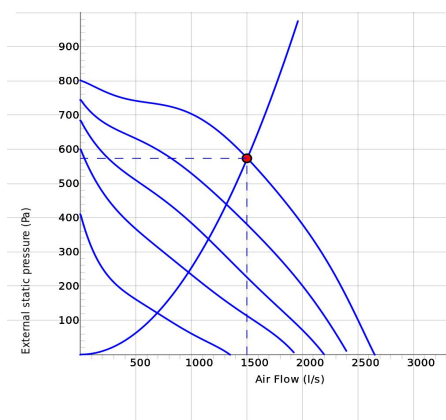
DIAGRAMS



Work Point

Air Flow (l/s)	External static pressure (Pa)	Power (W)	Speed (r.p.m.)	Current (A)	Efficiency (%)	SFP (kW/m³/s)	Voltage (V)
1504	574	1700	1392	3.68	50.8	1.13	400

SOUND DATA



	Tot	63	125	250	500	1k	2k	4k	8k
Inlet Lw dB(A)	85	65	76	78	72	79	79	73	65
Outlet Lw dB(A)	92	66	78	85	84	88	84	78	70
Surrounding Lw dB(A)	73	48	61	69	67	67	60	51	46
Surrounding Lp dB (A) 3m	66	41	54	62	60	60	53	44	39

Work Point

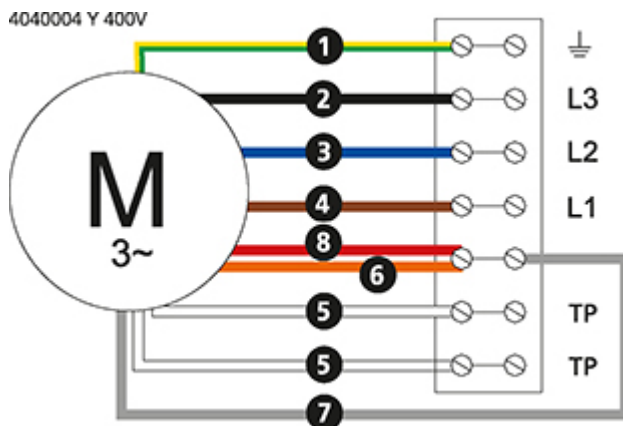
Air Flow (l/s) 1504	External static pressure (Pa) 574	Power (W) 1700	Speed (r.p.m.) 1392	Current (A) 3.68	Efficiency (%) 50.8	SFP (kW/m3/s) 1.13	Voltage (V) 400
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TECHNICAL DATA

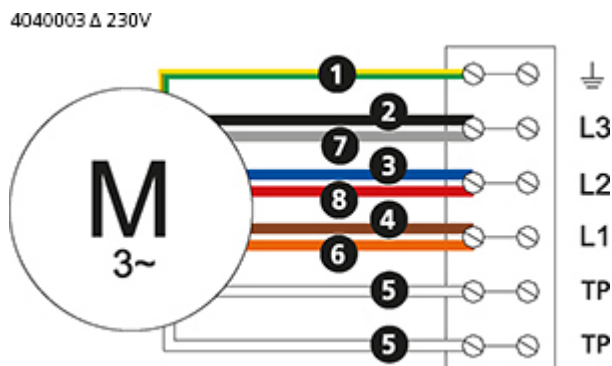
RKB 800x500 K3 outdrawn tp 7480018

Parameter	Value	Unit
Voltage	400	V
Voltage Delta	230	V
Phase	3	~
Frequency	50	Hz
Power	1710	W
Current	3.69	A
Current Delta	6,42	A
Speed	1400	r.p.m.
Max. temperature of transported air	50	°C
Max. temperature of transported air when speed controlled	50	°C
Sound pressure level at 3 m	65	dB(A)
Weight	62.5	kg
Enclosure class	54	IP
Insulation class, motor	F	
Max. flow	2651	l/s
Max. pressure	801	Pa
Voltage range	380-415	V

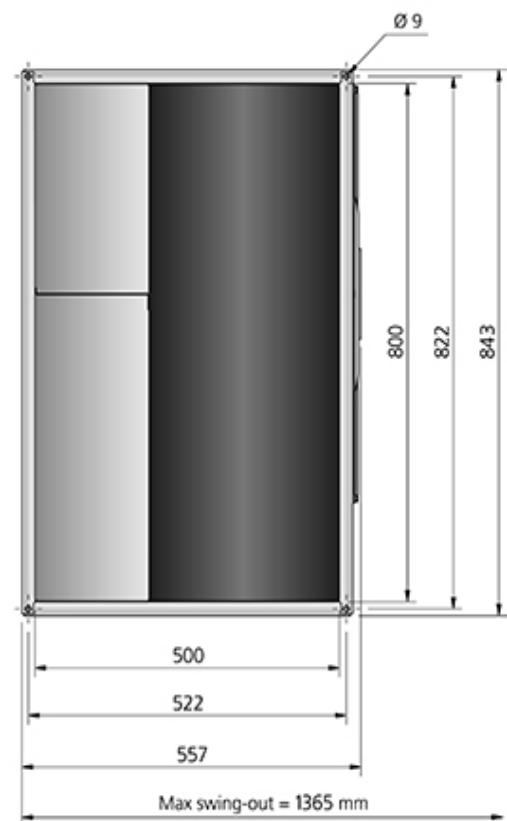
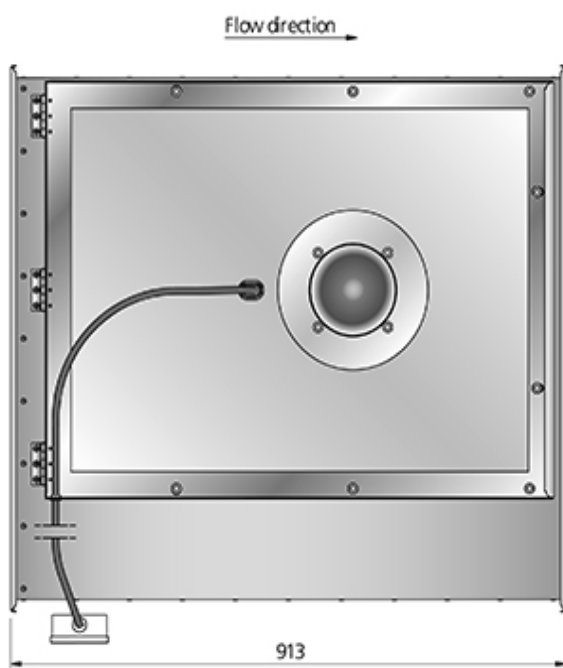
WIRING DIAGRAM



- Ⓜ = Fan Motor
- Ⓜ1 = Fan Motor
- Ⓜ2 = Fan Motor
- Ⓜ3 = Rotor Motor
- 1 = Yellow/Green
- 2 = Black
- 3 = Blue
- 4 = Brown
- 5 = White
- 6 = Orange
- 7 = Grey
- 8 = Red
- 9 = Green
- 10 = Violet
- 11 = Quick switch
- 12 = Yellow



DIMENSIONS



ACCESSORIES

Mechanical accessories



Flexible connection
800x500



Silencer LDR 800x500

Electrical accessories



Transformer
controller VRTT 4



Transformer
controller VRDT 4