

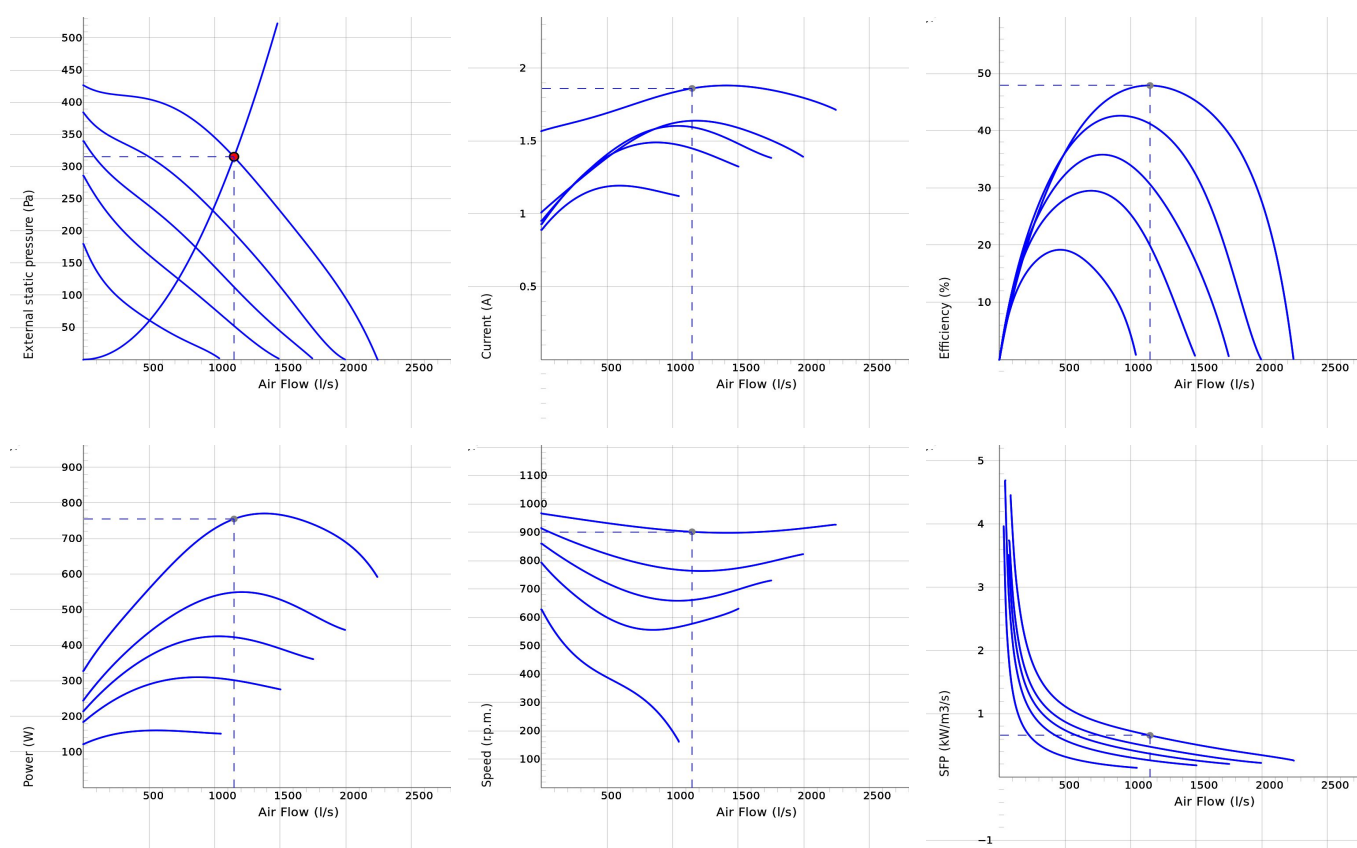
RKB 800X500 B3



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.

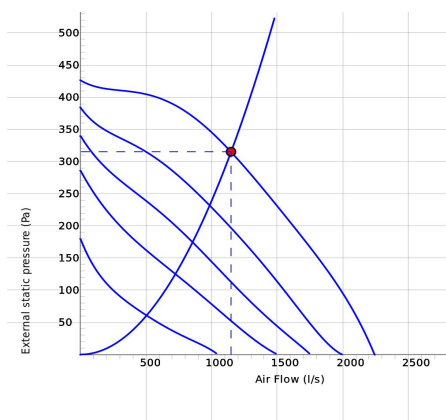
DIAGRAMS



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)
1148	315	755	901	1.86	47.9	0.658	400

SOUND DATA



	Tot	63	125	250	500	1k	2k	4k	8k
Inlet Lw dB(A)	77	59	74	66	66	70	67	61	56
Outlet Lw dB(A)	83	60	77	72	76	79	74	67	61
Surrounding Lw dB(A)	65	46	59	57	60	59	54	47	40
Surrounding Lp dB (A) 3m	58	39	52	50	53	52	47	40	33

Work Point

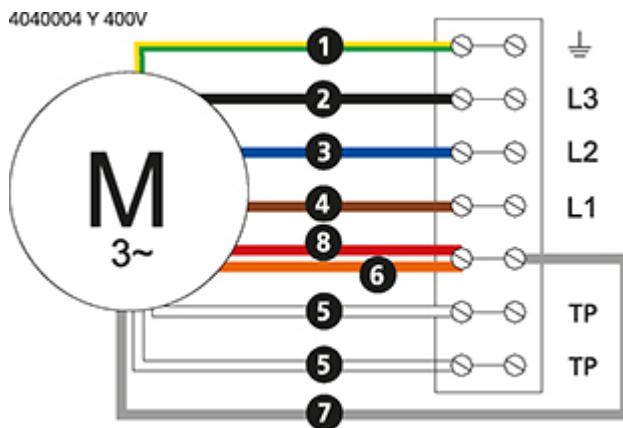
Air Flow (l/s) 1148	External static pressure (Pa) 315	Power (W) 755	Speed (r.p.m.) 901	Current (A) 1.86	Efficiency (%) 47.9	SFP (kW/m3/s) 0.658	Voltage (V) 400
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TECHNICAL DATA

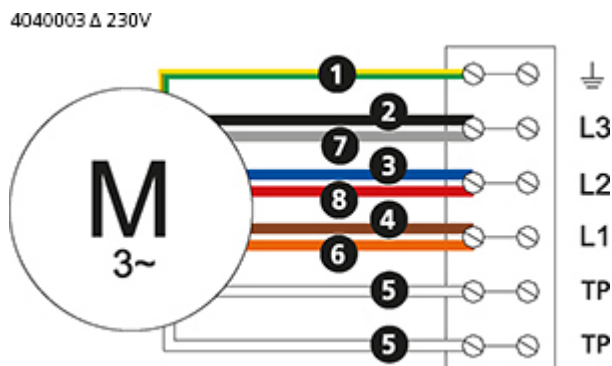
RKB 800x500 B3 outdrawn tp 7480017

Parameter	Value	Unit
Voltage	400	V
Voltage Delta	230	V
Phase	3	~
Frequency	50	Hz
Power	776	W
Current	1.88	A
Speed	900	r.p.m.
Max. temperature of transported air	80	°C
Max. temperature of transported air when speed controlled	80	°C
Sound pressure level at 3 m	57	dB(A)
Weight	63.2	kg
Enclosure class	54	IP
Insulation class, motor	F	
Max. flow	2242	l/s
Max. pressure	426	Pa
Voltage range	380-415	V

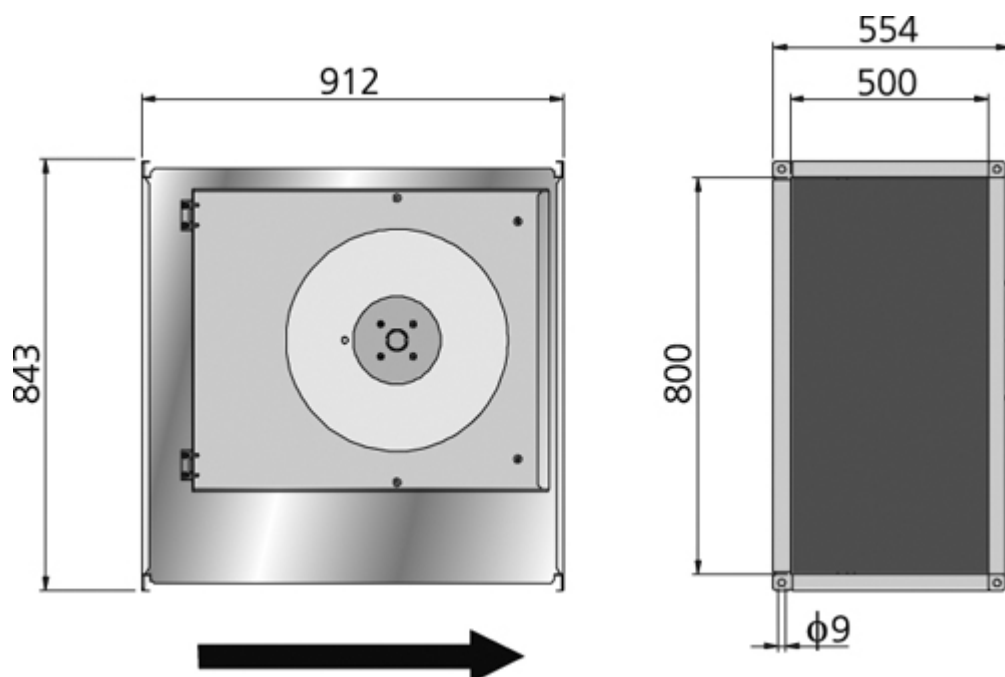
WIRING DIAGRAM



- Ⓜ = 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 2



Transformer
controller VRDT 2