

UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS

RKB 300x150 C1 AC

- Duct fan with rectangular connections.
- Proven performance and reliability.
- High capacity and very good efficiency.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.

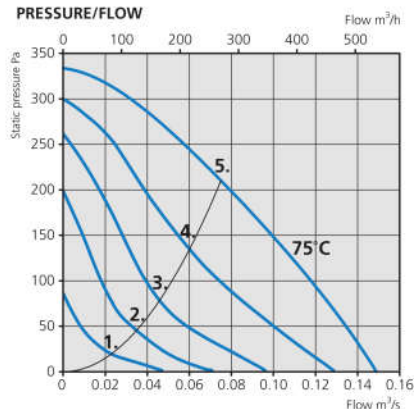
- Junction box has enclosure class IP 54.
- For speed control a transformer or electric speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.



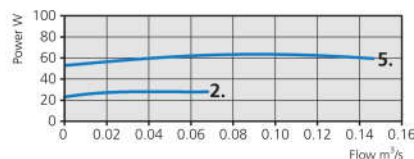
ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 300x150, for reducing vibration in ventilation systems
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

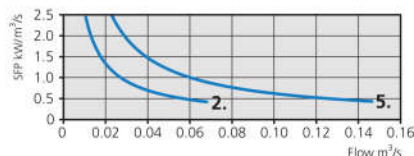
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

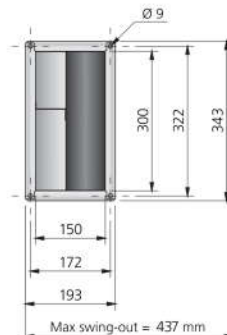
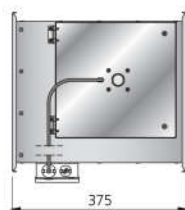
TECHNICAL DATA

RKB 300x150 C1 AC	Art.no. 7470006
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	0.35 A
Power	64 W
Speed	2460 rpm
Capacitor	2 µF
Max. temperature of transported air	75 °C
Max. temperature of transported air when speed-controlled	75 °C
Sound pressure level at 3 m	50 dB(A)
Weight	6.2 kg
Wiring diagram	4040001

SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	50	57	31	36	52	56	47	44	38	34
5. Outlet 230V		72	53	55	65	68	66	61	56	47
5. Inlet 230V		71	49	56	65	69	59	55	50	45
4. Inlet 165V		67	47	55	62	65	53	47	46	40
3. Inlet 135V		61	41	50	57	59	47	39	38	29
2. Inlet 110V		52	35	45	49	49	36	28	24	13
1. Inlet 80V		42	28	38	39	37	23	14	9	7

DIMENSIONS (mm)





UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS

RKB 400x200 A1 AC



ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 400x200, for reducing vibration in ventilation systems
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 1.0

- Duct fan with rectangular connections.
- Proven performance and reliability.
- High capacity and very good efficiency.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.

- 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 the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

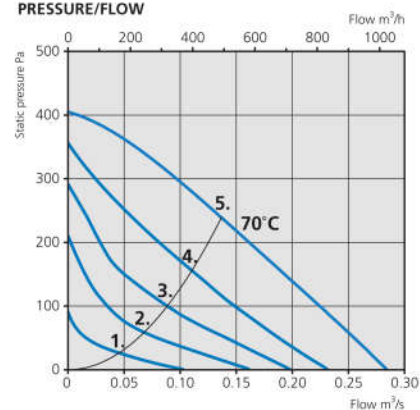
TECHNICAL DATA

RKB 400x200 A1 AC	Art.no. 7470005
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	0.50 A
Power	115 W
Speed	2530 rpm
Capacitor	3 µF
Max. temperature of transported air	70 °C
Max. temperature of transported air when speed-controlled	70 °C
Sound pressure level at 3 m	53 dB(A)
Weight	9.8 kg
Wiring diagram	4040001

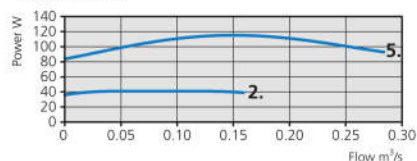
SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	53	60	28	42	54	58	53	52	46	32
5. Outlet 230V		75	53	61	70	71	66	69	65	53
5. Inlet 230V		72	50	60	68	68	65	60	60	49
4. Inlet 165V		69	50	59	65	64	59	56	54	42
3. Inlet 135V		63	46	55	59	57	53	50	46	33
2. Inlet 110V		57	42	52	53	50	45	39	34	21
1. Inlet 80V		47	37	43	43	41	33	25	18	13

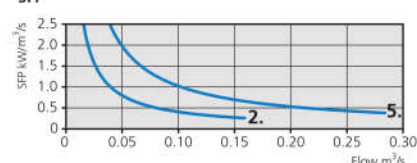
PRESSURE/FLOW



POWER/FLOW



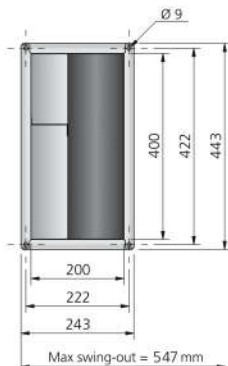
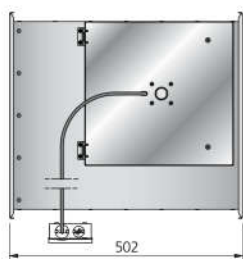
SFP



TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

DIMENSIONS (mm)



UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS

RKB 400x200 B1 ErP AC

- Duct fan with rectangular connections.
- Proven performance and reliability.
- High capacity and very good efficiency.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.

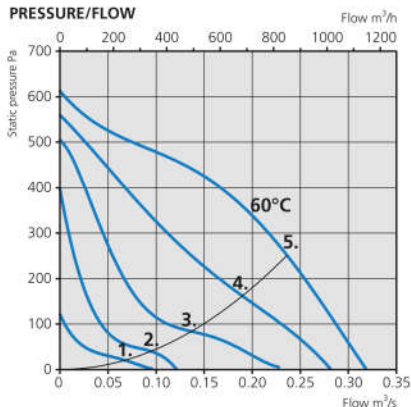
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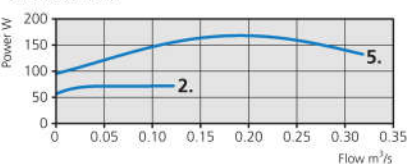
ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 400x200, for reducing vibration in ventilation systems
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 1.0

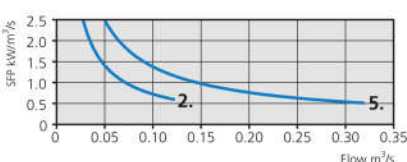
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

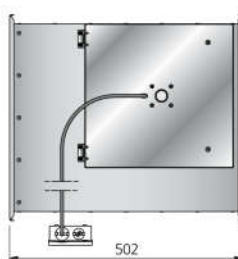
TECHNICAL DATA

RKB 400x200 B1 ErP AC		Art.no. 7470045
Voltage	230/50	V/Hz
Voltage range	220-240/50	V/Hz
Phase	1	~
Current	0.86	A
Power	169	W
Speed	2690	rpm
Capacitor	5	µF
Max. temperature of transported air	70	°C
Max. temperature of transported air when speed-controlled	70	°C
Sound pressure level at 3 m	58	dB(A)
Weight	10.5	kg
Wiring diagram	4040001	

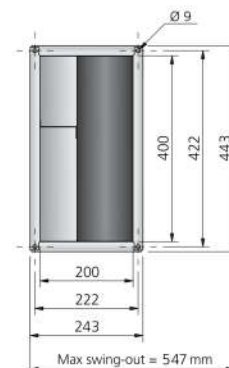
SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	58	65	33	43	60	62	53	53	48	46
5. Outlet 230V		81	61	64	76	76	72	72	68	64
5. Inlet 230V		76	57	63	73	67	67	65	65	61
4. Inlet 165V		72	52	60	70	60	60	59	59	51
3. Inlet 135V		63	48	57	59	51	51	53	49	33
2. Inlet 110V		56	44	52	51	44	43	46	35	19
1. Inlet 80V		53	38	52	43	35	34	26	23	21

DIMENSIONS (mm)



Flow direction →





UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS

RKB 400x200 E1 ErP AC



ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 400x200, for reducing vibration in ventilation systems
- Electronic speed controller, VRS 2.0

- Duct fan with rectangular connections.
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- Impeller with backward curved blades.
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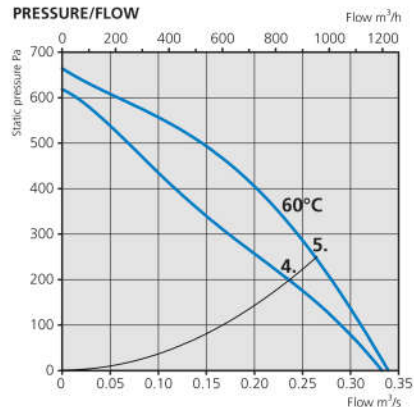
TECHNICAL DATA

RKB 400x200 E1 ErP AC	Art.no. 7470046
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	1.24 A
Power	229 W
Speed	2760 rpm
Capacitor	6 µF
Max. temperature of transported air	60 °C
Max. temperature of transported air when speed-controlled	60 °C
Sound pressure level at 3 m	59 dB(A)
Weight	11.1 kg
Wiring diagram	4040001

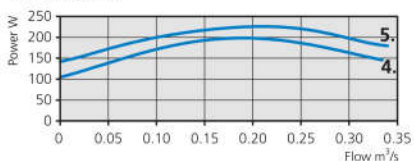
SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	59	66	42	47	61	63	56	53	47	40
5. Outlet 230V		83	64	65	78	79	74	74	70	64
5. Inlet 230V		79	64	63	76	72	69	65	65	59
4. Inlet 165V		75	56	62	72	67	64	61	60	54

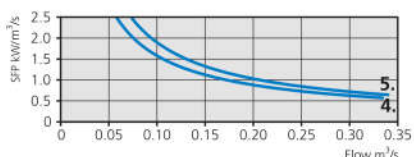
PRESSURE/FLOW



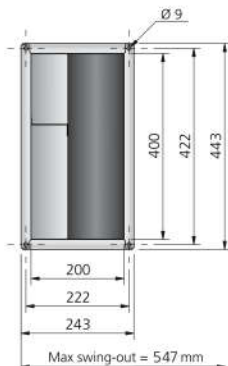
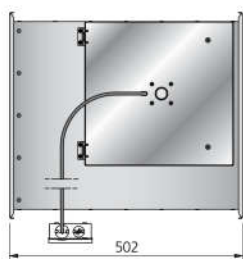
POWER/FLOW



SFP



DIMENSIONS (mm)



TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

This product cannot be speed controlled below 165 V.

UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS

RKB 500x250 A1 AC

- Duct fan with rectangular connections.
- Proven performance and reliability.
- High capacity and very good efficiency.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.

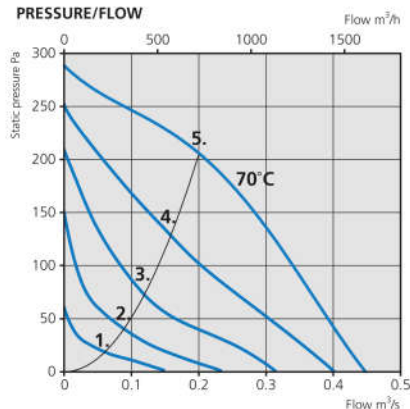
- Junction box has enclosure class IP 54.
- For speed control a transformer or electric speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.



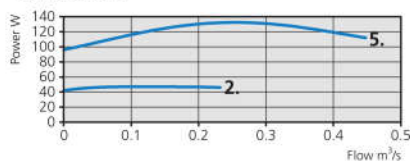
ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 500x250, for reducing vibration in ventilation systems
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 1.0

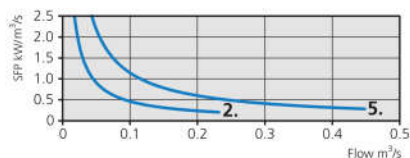
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

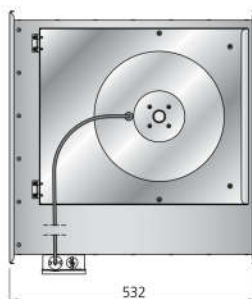
TECHNICAL DATA

RKB 500x250 A1 AC	Art.no. 7470002
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	0.59 A
Power	133 W
Speed	1270 rpm
Capacitor	5 µF
Max. temperature of transported air	70 °C
Max. temperature of transported air when speed-controlled	70 °C
Sound pressure level at 3 m	48 dB(A)
Weight	16.4 kg
Wiring diagram	4040001

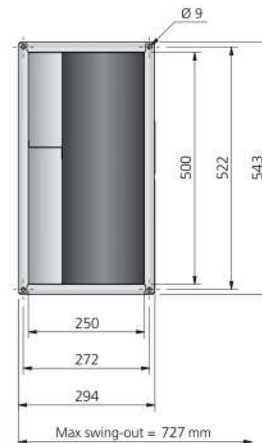
SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	48	55	35	51	48	47	49	44	36	29
5. Outlet 230V		70	58	63	63	62	61	63	57	48
5. Inlet 230V		67	56	62	63	58	53	55	50	41
4. Inlet 165V		66	62	61	59	56	49	50	44	33
3. Inlet 135V		58	53	55	53	47	41	41	34	22
2. Inlet 110V		54	48	52	46	40	33	32	23	17
1. Inlet 80V		51	34	51	38	31	27	22	17	13

DIMENSIONS (mm)



Flow direction →





UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS

RKB 500x250 B1 ErP AC



ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 500x250, for reducing vibration in ventilation systems
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 1.0

- Duct fan with rectangular connections.
- Proven performance and reliability.
- High capacity and very good efficiency.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.

- 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 the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

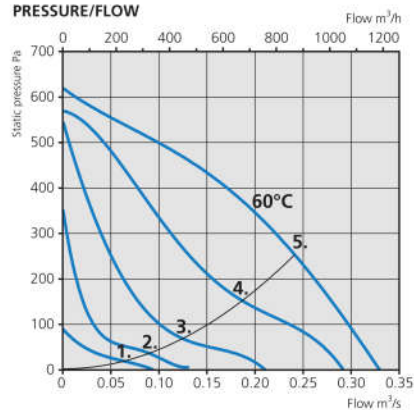
TECHNICAL DATA

RKB 500x250 B1 ErP AC	Art.no. 7470047
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	0.91 A
Power	168 W
Speed	2680 rpm
Capacitor	5 µF
Max. temperature of transported air	70 °C
Max. temperature of transported air when speed-controlled	70 °C
Sound pressure level at 3 m	58 dB(A)
Weight	14.7 kg
Wiring diagram	4040001

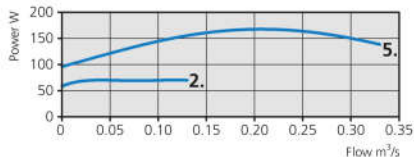
SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	58	65	34	44	63	59	52	51	47	43
5. Outlet 230V		78	57	61	74	71	70	71	67	63
5. Inlet 230V		72	54	57	68	60	64	64	63	60
4. Inlet 165V		68	50	57	66	54	58	57	57	53
3. Inlet 135V		64	45	56	62	50	50	50	54	40
2. Inlet 110V		57	50	53	47	35	40	50	40	20
1. Inlet 80V		56	43	54	49	28	33	34	17	12

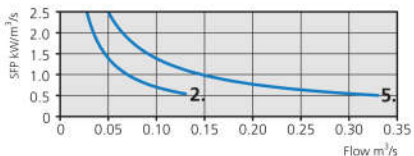
PRESSURE/FLOW



POWER/FLOW



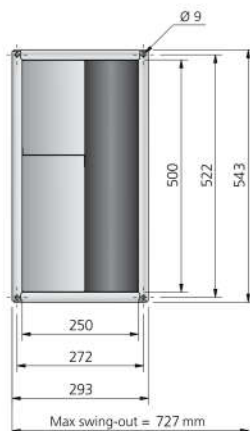
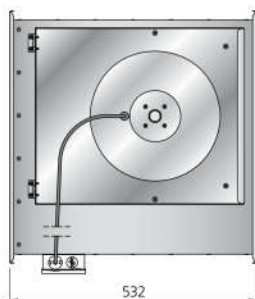
SFP



TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

DIMENSIONS (mm)



UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS

RKB 500x250 E1 ErP AC

- Duct fan with rectangular connections.
- Proven performance and reliability.
- High capacity and very good efficiency.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.

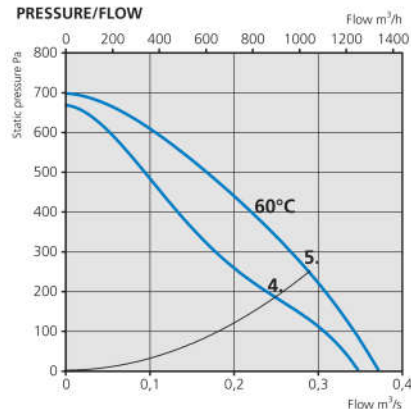
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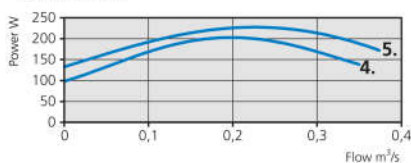
ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 500x250, for reducing vibration in ventilation systems
- Electronic speed controller, VRS 2.0

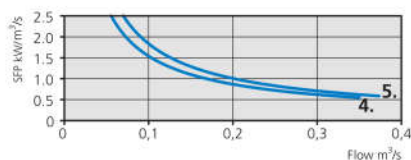
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

This product cannot be speed controlled below 165 V.

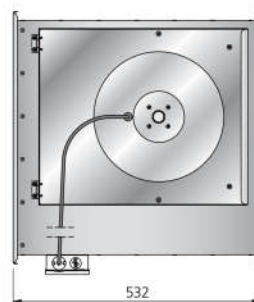
TECHNICAL DATA

RKB 500x250 E1 ErP AC	Art.no. 7470048
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	1.28 A
Power	230 W
Speed	2750 rpm
Capacitor	6 µF
Max. temperature of transported air	60 °C°
Max. temperature of transported air when speed-controlled	60 °C°
Sound pressure level at 3 m	57 dB(A)
Weight	15.2 kg
Wiring diagram	4040001

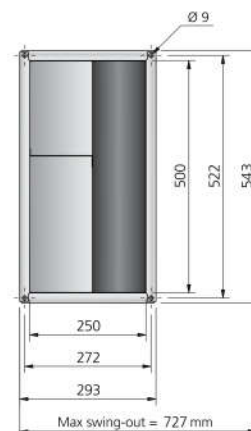
SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	57	64	49	47	61	59	53	53	47	43
5. Outlet 230V		81	72	62	74	73	72	75	71	65
5. Inlet 230V		76	68	62	70	65	68	68	67	62
4. Inlet 165V		72	51	56	70	59	64	64	61	57

DIMENSIONS (mm)



Flow direction →





UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS

RKB 500x250 H1 AC

ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 500x250, for reducing vibration in ventilation systems
- Transformer VRDE 3, VRTE 3
- Electronic speed controller, VRS 4.0

- 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 approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- 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 the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.
- This product is not approved for use in the EU, EFTA or EEA countries.

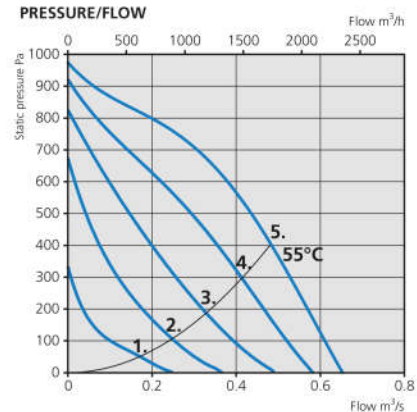
TECHNICAL DATA

RKB 500x250 H1 AC	Art.no. 7470029
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	3.00 A
Power	675 W
Speed	2570 rpm
Capacitor	14 µF
Max. temperature of transported air	55 °C
Max. temperature of transported air when speed-controlled	55 °C
Sound pressure level at 3 m	66 dB(A)
Weight	21.4 kg
Wiring diagram	4040005

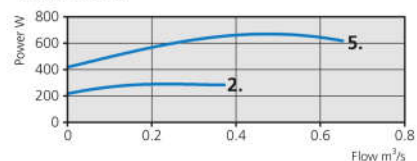
SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	66	73	53	57	68	66	67	64	58	49
5. Outlet 230V		85	64	70	79	79	77	78	72	63
5. Inlet 230V		79	63	67	76	70	71	69	66	59
4. Inlet 165V		76	60	64	74	66	67	65	62	55
3. Inlet 135V		72	55	61	70	61	62	59	55	49
2. Inlet 110V		66	51	59	64	52	54	50	48	37
1. Inlet 80V		57	44	54	52	43	43	40	38	29

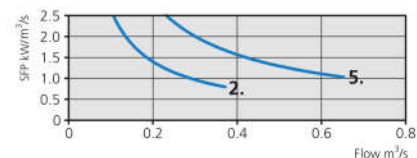
PRESSURE/FLOW



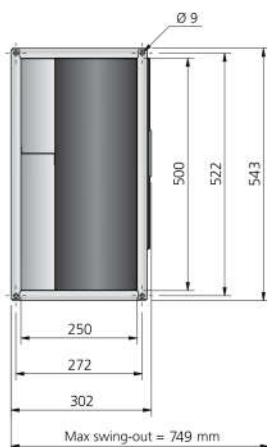
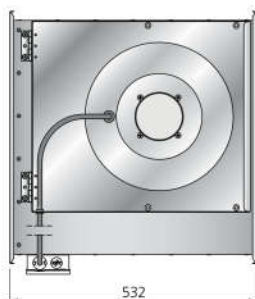
POWER/FLOW



SFP



DIMENSIONS (mm)



TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS

RKB 600x300 B3 ErP AC

- Duct fan with rectangular connections.
- Proven performance and reliability.
- High capacity and very good efficiency.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.

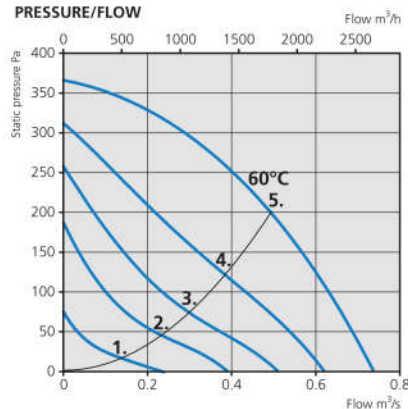
- Junction box has enclosure class IP 54.
- For speed control a transformer or electric speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.



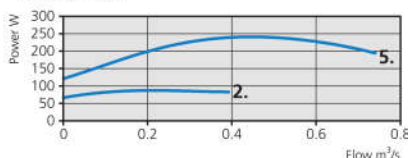
ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 600x300, for reducing vibration in ventilation systems
- Transformer VRDE 1.5, VRTE C

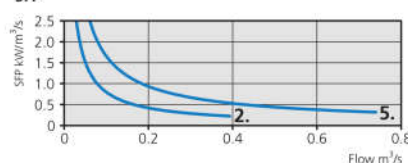
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

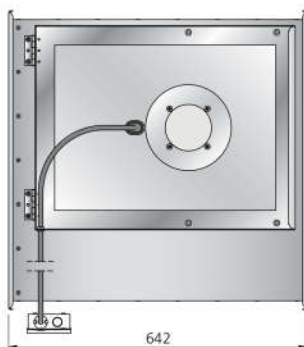
TECHNICAL DATA

RKB 600x300 B3 ErP AC	Art.no. 7480159
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	0.47 / 0.82 A
Power	240 W
Speed	1330 rpm
Capacitor	- μF
Max. temperature of transported air	60 °C
Max. temperature of transported air when speed-controlled	60 °C
Sound pressure level at 3 m	52 dB(A)
Weight	26.3 kg
Wiring diagram	Y 4040004 / Δ 4040003

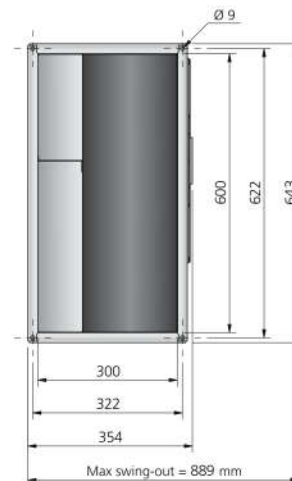
SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	52	59	33	55	55	49	46	43	41	33
5. Outlet 400V		76	58	70	72	66	64	62	59	56
5. Inlet 400V		70	54	66	65	56	55	56	54	48
4. Inlet 240V		66	50	63	60	50	51	52	49	36
3. Inlet 185V		58	51	51	53	45	46	45	42	25
2. Inlet 145V		51	46	43	46	40	39	39	27	16
1. Inlet 95V		39	33	33	34	25	25	17	17	12

DIMENSIONS (mm)



Flow direction →





UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS

RKB 600x350 B3 ErP AC



ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 600x350, for reducing vibration in ventilation systems
- Transformer VRDE 1.5, VRTE C

- Duct fan with rectangular connections.
- Proven performance and reliability.
- High capacity and very good efficiency.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.

- 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 the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

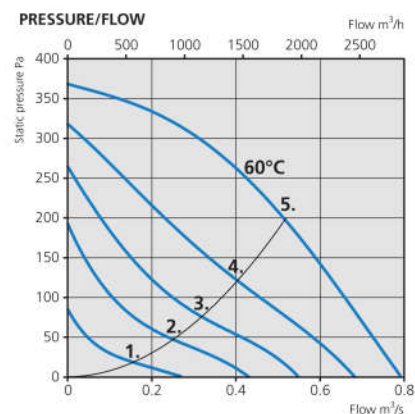
TECHNICAL DATA

RKB 600x350 B3 ErP AC	Art.no. 7480160
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	0.47 / 0.82 A
Power	245 W
Speed	1330 rpm
Capacitor	- μF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed-controlled	60 C°
Sound pressure level at 3 m	50 dB(A)
Weight	27.1 kg
Wiring diagram	Y 4040004 / Δ 4040003

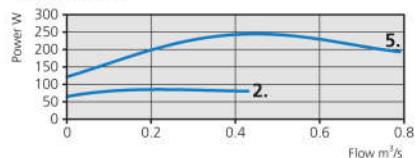
SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	50	57	32	53	53	46	46	40	37	32
5. Outlet 400V		74	56	68	69	64	65	61	59	56
5. Inlet 400V		70	54	68	63	54	55	56	55	47
4. Inlet 240V		66	49	64	59	48	50	51	51	33
3. Inlet 185V		59	51	55	52	42	45	48	45	23
2. Inlet 145V		51	45	44	44	36	39	42	24	14
1. Inlet 95V		39	33	34	33	25	27	19	17	11

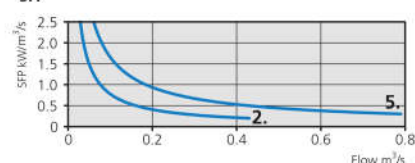
PRESSURE/FLOW



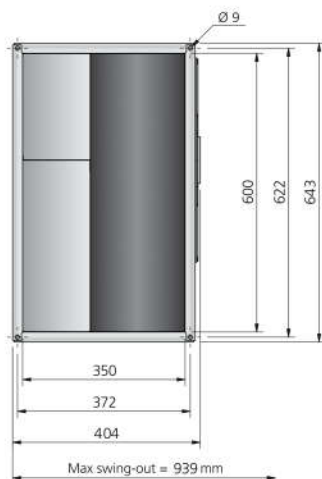
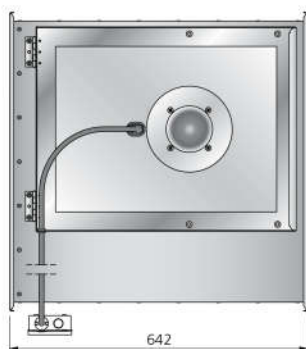
POWER/FLOW



SFP



DIMENSIONS (mm)



TRANSFORMER STEPS

1. 95V 2. 145V 3. 185V 4. 240V 5. 400V

UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS

RKB 600x350 D1 ErP AC

- Duct fan with rectangular connections.
- Proven performance and reliability.
- High capacity and very good efficiency.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.

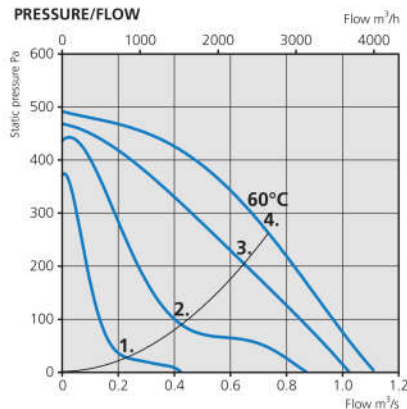
- Junction box has enclosure class IP 54.
- For speed control a transformer or electric speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.



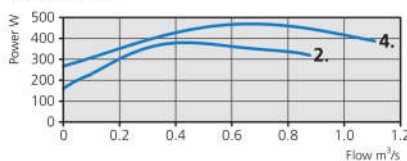
ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 600x350, for reducing vibration in ventilation systems
- Transformer VRDE 7, VRTE 5
- Electronic speed controller, VRS 4.0

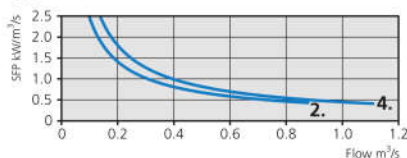
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

1. 110V 2. 135V 3. 165V 4. 230V

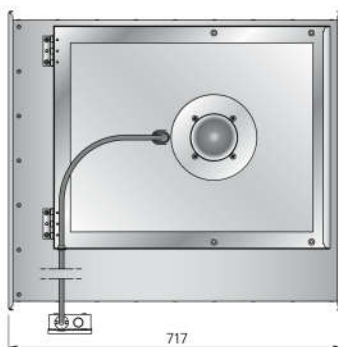
TECHNICAL DATA

RKB 600x350 D1 ErP AC	Art.no. 7480162
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	3.11 A
Power	476 W
Speed	1390 rpm
Capacitor	10 µF
Max. temperature of transported air	60 °C
Max. temperature of transported air when speed-controlled	60 °C
Sound pressure level at 3 m	57 dB(A)
Weight	32.0 kg
Wiring diagram	4040005

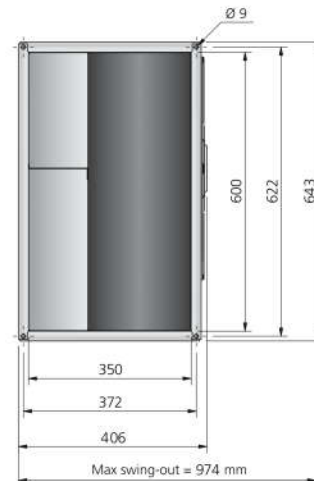
SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 230V	57	64	39	59	60	54	54	46	44	41
4. Outlet 230V		81	64	75	78	72	73	67	63	63
4. Inlet 230V		75	61	72	71	64	61	62	57	54
3. Inlet 165V		73	59	71	67	61	57	60	54	51
2. Inlet 135V		64	57	60	56	50	48	48	44	25
1. Inlet 110V		61	50	61	49	42	41	34	20	14

DIMENSIONS (mm)



Flow direction →





UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS

RKB 600x350 D3 ErP AC



ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 600x350, for reducing vibration in ventilation systems
- Transformer VRDT 2, VRTT 2

- Duct fan with rectangular connections.
- Proven performance and reliability.
- High capacity and very good efficiency.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.

- 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 the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

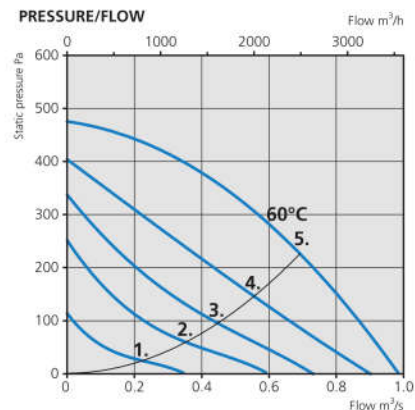
TECHNICAL DATA

RKB 600x350 D3 ErP AC	Art.no. 7480161
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	0.82 / 1.43 A
Power	424 W
Speed	1330 rpm
Capacitor	- μF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed-controlled	60 C°
Sound pressure level at 3 m	55 dB(A)
Weight	30.4 kg
Wiring diagram	Y 4040004 / Δ 4040003

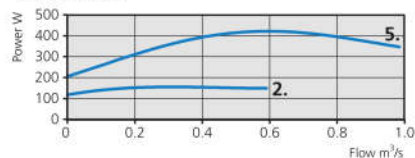
SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	55	62	42	58	58	53	50	44	41	36
5. Outlet 400V		80	65	75	75	70	71	65	61	62
5. Inlet 400V		74	61	70	69	64	59	60	56	55
4. Inlet 240V		70	57	67	64	57	54	55	52	48
3. Inlet 185V		63	57	58	58	51	49	49	49	31
2. Inlet 145V		58	55	49	51	44	43	43	43	20
1. Inlet 95V		46	41	41	40	34	33	31	16	14

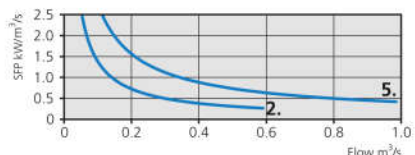
PRESSURE/FLOW



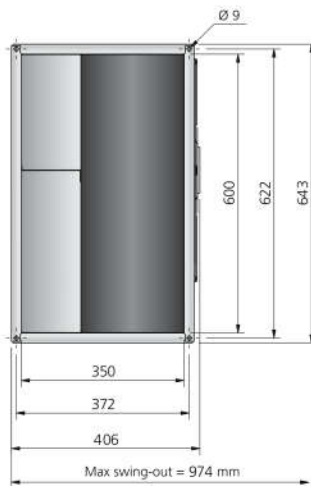
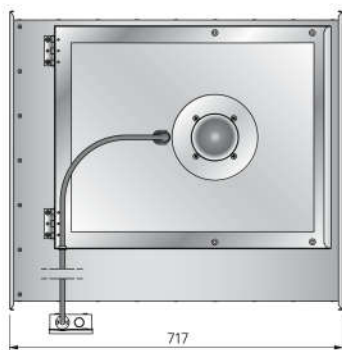
POWER/FLOW



SFP



DIMENSIONS (mm)



TRANSFORMER STEPS

1. 95V 2. 145V 3. 185V 4. 240V 5. 400V

UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS

RKB 700x400 B3 ErP AC

- Duct fan with rectangular connections.
- Proven performance and reliability.
- High capacity and very good efficiency.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.

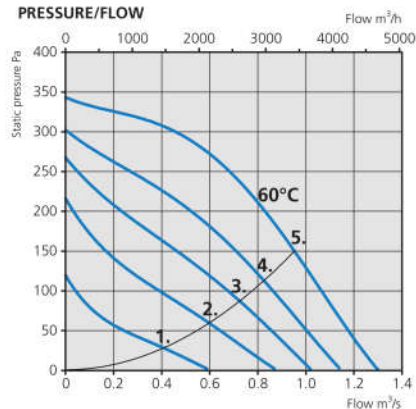
- Junction box has enclosure class IP 54.
- For speed control a transformer or electric speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.



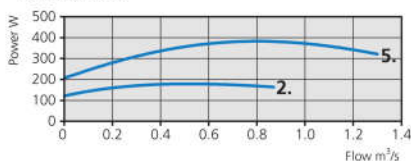
ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 700x400, for reducing vibration in ventilation systems
- Transformer VRDT 1, VRTT 1

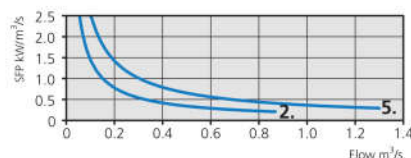
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

1. 95V 2. 145V 3. 185V 4. 240V 5. 400V

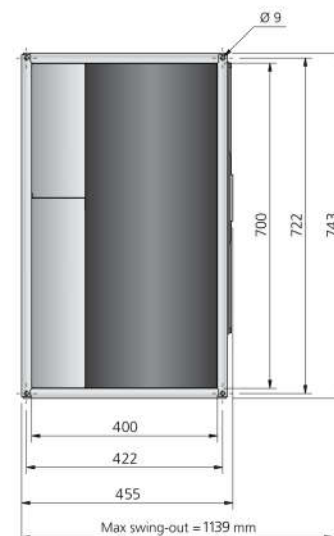
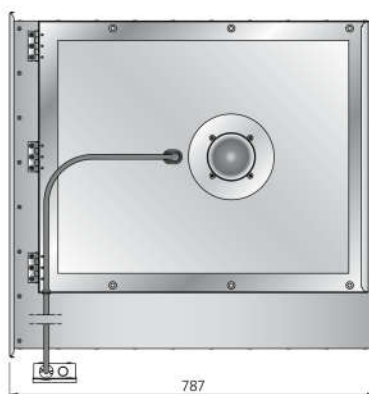
TECHNICAL DATA

RKB 700x400 B3 ErP AC	Art.no. 7480163
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	0.84 / 1.46 A
Power	386 W
Speed	920 rpm
Capacitor	- μF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed-controlled	60 C°
Sound pressure level at 3 m	52 dB(A)
Weight	42.9 kg
Wiring diagram	Y 4040004 / Δ 4040003

SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	52	59	47	51	56	53	45	38	34	29
5. Outlet 400V		77	64	74	71	67	65	61	57	51
5. Inlet 400V		72	60	69	67	62	58	56	52	44
4. Inlet 240V		67	59	62	62	58	54	52	47	37
3. Inlet 185V		63	57	56	58	53	50	48	42	31
2. Inlet 145V		57	51	50	53	47	45	41	33	22
1. Inlet 95V		46	39	41	42	37	33	26	17	11

DIMENSIONS (mm)





UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS

RKB 700x400 E3 ErP AC



ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 700x400, for reducing vibration in ventilation systems
- Transformer VRDT 4, VRTT 4

- Duct fan with rectangular connections.
- Proven performance and reliability.
- High capacity and very good efficiency.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.

- 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 the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

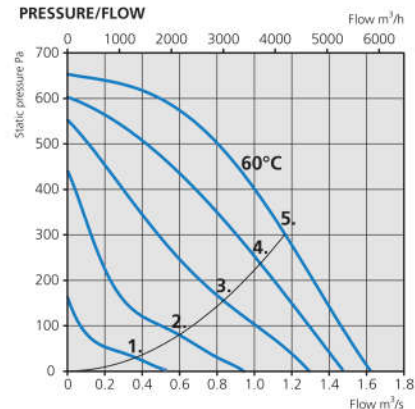
TECHNICAL DATA

RKB 700x400 E3 ErP AC	Art.no. 7480164
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	2.44 / 4.24 A
Power	830 W
Speed	1430 rpm
Capacitor	- μF
Max. temperature of transported air	40 C°
Max. temperature of transported air when speed-controlled	40 C°
Sound pressure level at 3 m	60 dB(A)
Weight	48.4 kg
Wiring diagram	Y 4040004 / Δ 4040003

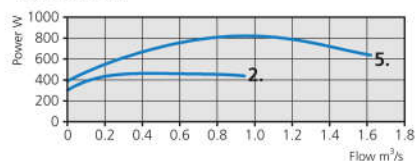
SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	60	67	47	61	64	60	55	46	42	41
5. Outlet 400V		84	69	78	80	75	75	69	67	63
5. Inlet 400V		79	62	75	75	70	66	64	62	57
4. Inlet 240V		75	59	70	71	66	63	60	58	53
3. Inlet 185V		70	56	66	65	60	57	54	52	44
2. Inlet 145V		61	53	55	57	51	47	45	42	30
1. Inlet 95V		55	43	47	45	53	35	30	20	14

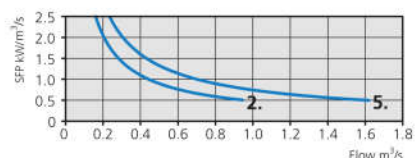
PRESSURE/FLOW



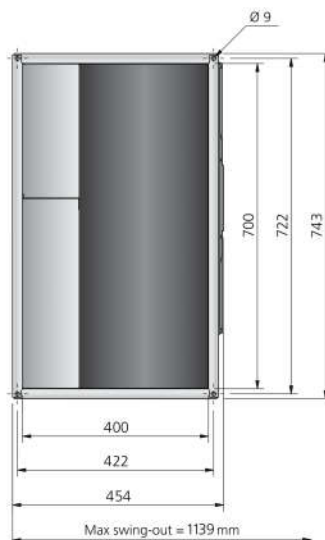
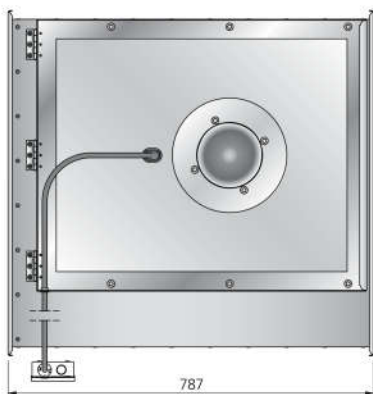
POWER/FLOW



SFP



DIMENSIONS (mm)



TRANSFORMER STEPS

1. 95V 2. 145V 3. 185V 4. 240V 5. 400V

UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS

RKB 800x500 B3 ErP AC

- Duct fan with rectangular connections.
- Proven performance and reliability.
- High capacity and very good efficiency.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.

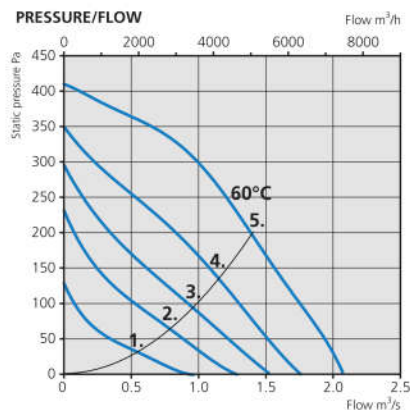
- Junction box has enclosure class IP 54.
- For speed control a transformer or electric speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.



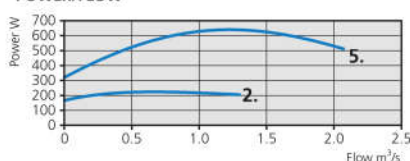
ACCESSORIES

- Rectangular flexible connection, 800x500, for reducing vibration in ventilation systems
- Transformer VRDT 2, VRTT 2

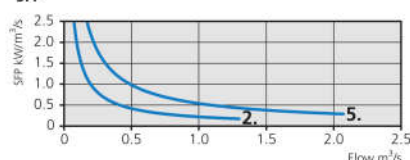
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

1. 95V 2. 145V 3. 185V 4. 240V 5. 400V

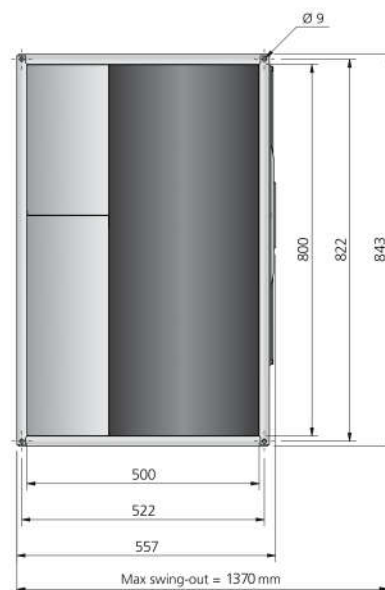
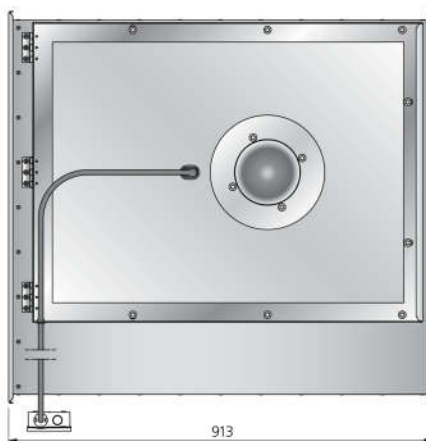
TECHNICAL DATA

RKB 800x500 B3 ErP AC	Art.no. 7480165
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	1.44 / 2.50 A
Power	639 W
Speed	880 rpm
Capacitor	- μF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed-controlled	60 C°
Sound pressure level at 3 m	54 dB(A)
Weight	61.8 kg
Wiring diagram	Y 4040004 / Δ 4040003

SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	54	61	50	56	57	52	47	40	36	37
5. Outlet 400V		78	70	75	70	66	66	61	58	57
5. Inlet 400V		73	63	70	64	57	60	58	54	53
4. Inlet 240V		65	59	61	57	51	54	52	51	46
3. Inlet 185V		61	57	54	52	46	49	47	49	35
2. Inlet 145V		55	49	50	47	41	44	41	45	28
1. Inlet 95V		43	38	38	36	32	32	31	21	16

DIMENSIONS (mm)





UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS

RKB 800x500 E3 ErP AC



ACCESSORIES

- Rectangular flexible connection, 800x500, for reducing vibration in ventilation systems
- Transformer VRDE 3, VRTE 3

- Duct fan with rectangular connections.
- Proven performance and reliability.
- High capacity and very good efficiency.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.

- 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 the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

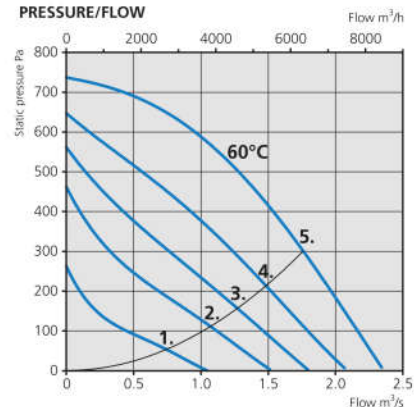
TECHNICAL DATA

RKB 800x500 E3 ErP AC	Art.no. 7480166
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	2.70 / 4.70 A
Power	1210 W
Speed	1360 rpm
Capacitor	- μF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed-controlled	60 C°
Sound pressure level at 3 m	65 dB(A)
Weight	64.2 kg
Wiring diagram	Y 4040004 / Δ 4040003

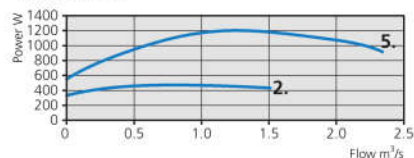
SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	65	72	49	71	65	61	55	47	44	45
5. Outlet 400V		85	67	78	80	78	77	72	69	69
5. Inlet 400V		78	64	74	72	69	68	65	64	63
4. Inlet 240V		74	61	71	67	64	63	61	59	59
3. Inlet 185V		72	58	71	63	59	58	56	57	54
2. Inlet 145V		65	58	61	57	54	52	50	54	40
1. Inlet 95V		57	54	49	46	43	44	46	41	26

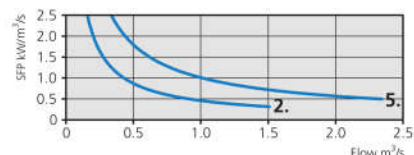
PRESSURE/FLOW



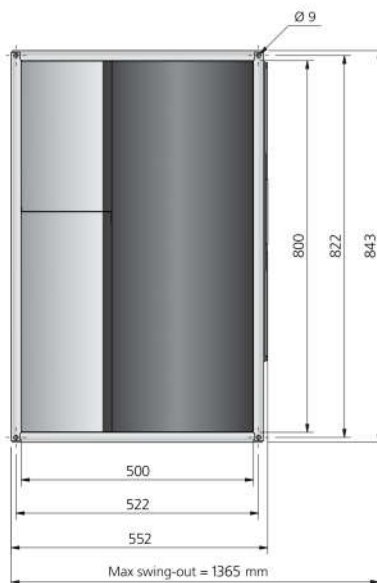
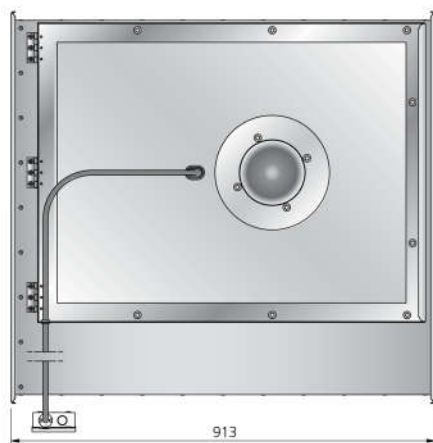
POWER/FLOW



SFP



DIMENSIONS (mm)



TRANSFORMER STEPS

1. 95V 2. 145V 3. 185V 4. 240V 5. 400V

UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS

RKB 800x500 K3 AC

- 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 approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electric

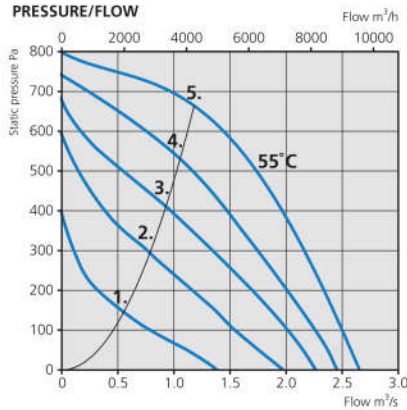
- speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.
- This product is not approved for use in the EU, EFTA or EEA countries.



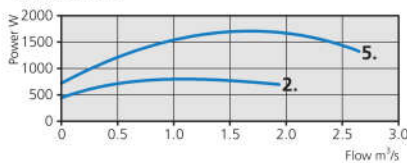
ACCESSORIES

- Rectangular flexible connection, 800x500, for reducing vibration in ventilation systems
- Transformer VRDT 4, VRTT 4

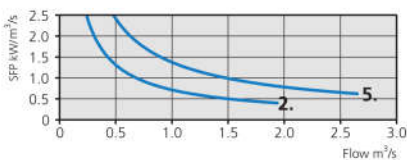
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

1. 95V 2. 145V 3. 185V 4. 240V 5. 400V

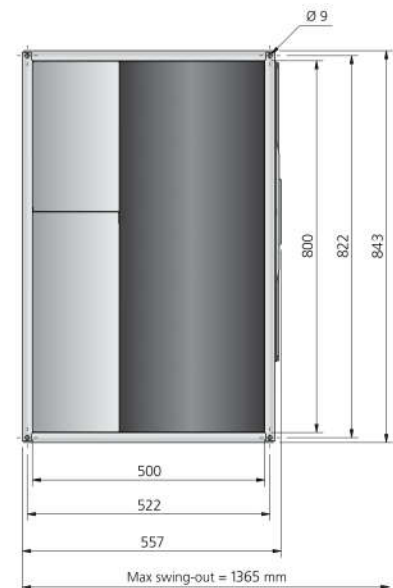
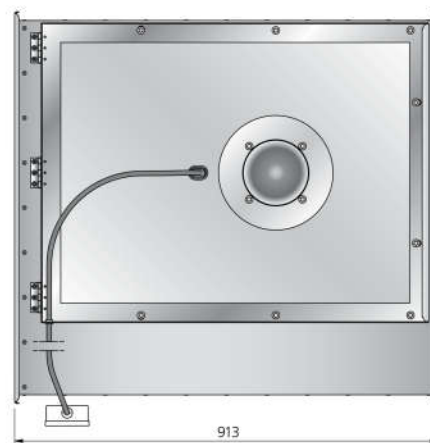
TECHNICAL DATA

RKB 800x300 K3 AC	Art.no. 7480018
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	3.69 / 6.40 A
Power	1710 W
Speed	1400 rpm
Capacitor	- μF
Max. temperature of transported air	55 °C°
Max. temperature of transported air when speed-controlled	55 °C°
Sound pressure level at 3 m	64 dB(A)
Weight	62.5 kg
Wiring diagram	Y 4040004 / Δ 4040003

SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	64	71	48	60	67	65	65	61	52	46
5. Outlet 400V		89	64	75	83	81	85	81	75	68
5. Inlet 400V		82	62	73	76	70	77	76	71	63
4. Inlet 240V		81	62	74	72	69	78	75	69	61
3. Inlet 185V		76	59	71	65	64	71	69	63	56
2. Inlet 145V		72	58	68	62	61	67	65	59	52
1. Inlet 95V		64	57	61	54	51	57	53	47	38

DIMENSIONS (mm)





UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS

RKB 1000x500 J3 ErP AC



ACCESSORIES

- Rectangular flexible connection, 800x500, for reducing vibration in ventilation systems
- Transformer VRDT 4, VRTT 4

- Duct fan with rectangular connections.
- Proven performance and reliability.
- High capacity and very good efficiency.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.

- 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 the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

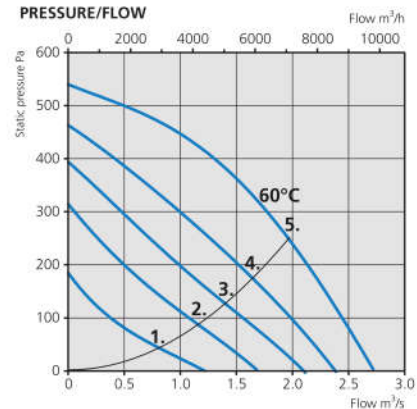
TECHNICAL DATA

RKB 1000x500 J3 ErP AC	Art.no. 7480167
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	2.93 / 5.10 A
Power	1170 W
Speed	900 rpm
Capacitor	- μF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed-controlled	60 C°
Sound pressure level at 3 m	57 dB(A)
Weight	84.0 kg
Wiring diagram	Y 4040004 / Δ 4040003

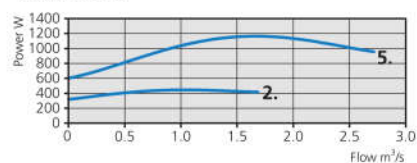
SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	57	64	50	58	61	56	51	45	40	37
5. Outlet 400V		83	77	78	76	73	74	70	66	60
5. Inlet 400V		75	64	72	67	63	67	63	60	55
4. Inlet 240V		70	64	65	62	58	62	59	56	49
3. Inlet 185V		66	61	60	58	54	58	55	52	43
2. Inlet 145V		61	57	54	52	48	53	49	47	35
1. Inlet 95V		51	45	44	41	39	43	42	31	19

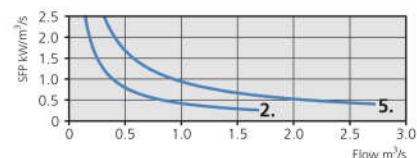
PRESSURE/FLOW



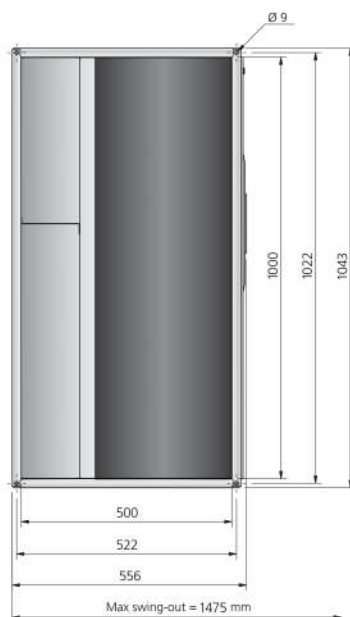
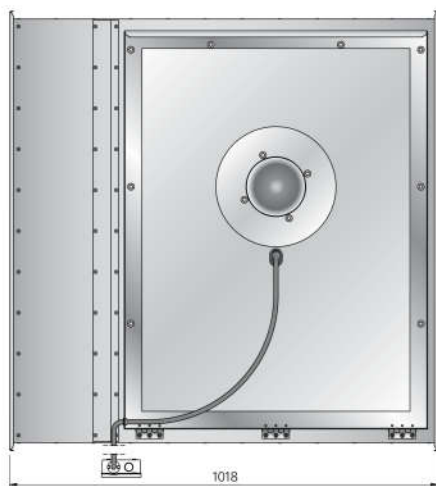
POWER/FLOW



SFP



DIMENSIONS (mm)



TRANSFORMER STEPS

1. 95V 2. 145V 3. 185V 4. 240V 5. 400V

UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS

RKB 1000x500 L3 AC



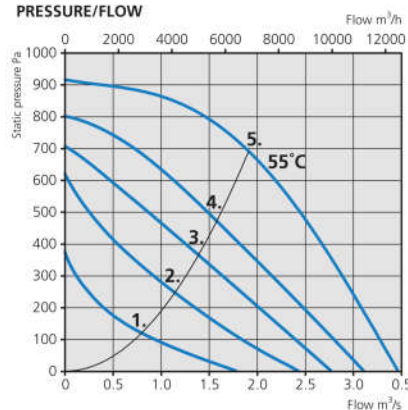
- Duct fan with rectangular connections.
- Proven performance and reliability.
- High capacity and very good efficiency.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- 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 the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.
- This product is not approved for use in the EU, EFTA or EEA countries.

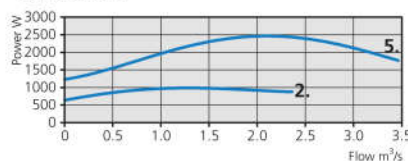
ACCESSORIES

- Rectangular flexible connection, 1000x500, for reducing vibration in ventilation systems
- Transformer VRDT 7, VRTT 7

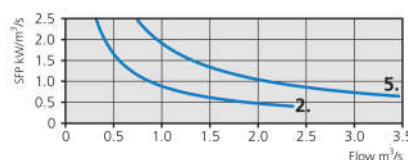
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

1. 95V 2. 145V 3. 185V 4. 240V 5. 400V

TECHNICAL DATA

RKB 1000x500 L3 AC	Art.no. 7480012
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	4.90 / 8.50 A
Power	2450 W
Speed	1350 rpm
Capacitor	- μF
Max. temperature of transported air	55 C°
Max. temperature of transported air when speed-controlled	55 C°
Sound pressure level at 3 m	67 dB(A)
Weight	82.8 kg
Wiring diagram	Y 4040004 / Δ 4040003

SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	67	74	49	64	70	67	68	63	55	48
5. Outlet 400V		95	68	83	88	87	91	87	81	72
5. Inlet 400V		88	66	79	79	78	82	82	75	67
4. Inlet 240V		82	60	76	70	71	75	76	68	61
3. Inlet 185V		79	57	71	64	66	69	68	61	55
2. Inlet 145V		73	53	69	60	68	65	63	56	49
1. Inlet 95V		63	50	58	52	54	56	54	45	37

DIMENSIONS (mm)

