

# UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS



## RKB 300x150 B1 EC

### ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 300x150, for reducing vibration in ventilation systems
- Speed controller, MS EC
- Pressure regulator

- 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 and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- 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.
- 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.

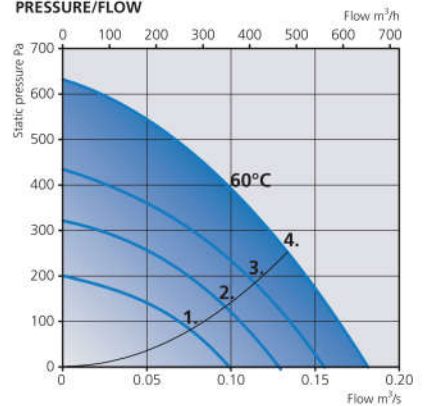
### TECHNICAL DATA

RKB 300x150 B1 EC	Art.no. 7470021
Voltage	230/50 V/Hz
Voltage range	200-240 / 50/60 V/Hz
Phase	1 ~
Current	0.90 A
Power	113 W
Speed	3700 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	6.5 kg
Wiring diagram	4040143

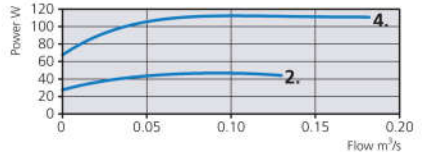
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	57	64	36	50	52	61	57	55	49	42
4. Outlet 10V		84	61	66	76	79	75	78	74	66
4. Inlet 10V		78	55	63	72	74	67	66	67	60
3. Inlet 8V		79	52	63	69	78	63	62	63	55
2. Inlet 7V		70	50	58	66	65	59	58	59	50
1. Inlet 5.5V		68	48	56	65	62	56	55	55	46

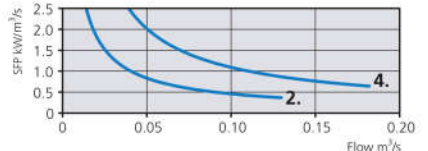
### PRESSURE/FLOW



### POWER/FLOW



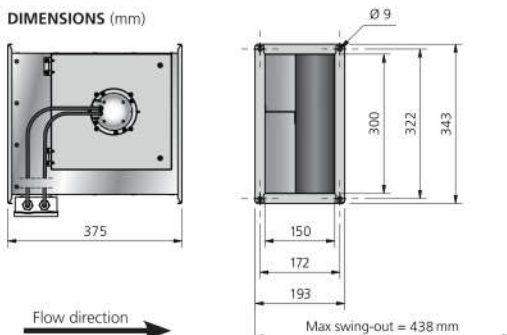
### SFP



### VOLTAGE STEPS

1. 5.5V 2. 7V 3. 8V 4. 10V

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS

## RKB 400x200 C1 EC



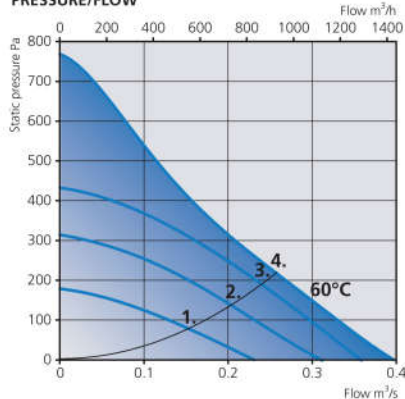
- Duct fan with rectangular connections.
- Proven performance and reliability.
- High capacity and very good efficiency.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- 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.
- 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.

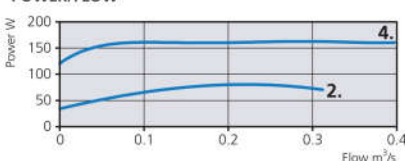
### ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 400x200, for reducing vibration in ventilation systems
- Speed controller, MS EC
- Pressure regulator

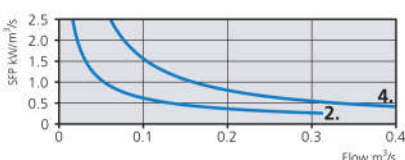
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### VOLTAGE STEPS

1. 5.5V
2. 7V
3. 8V
4. 10V

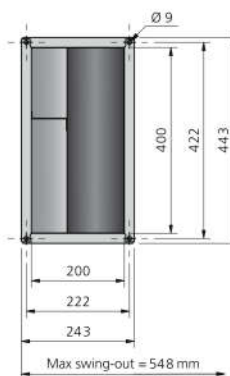
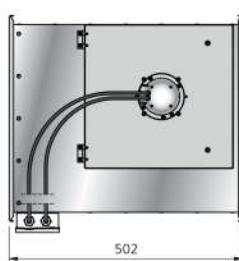
### TECHNICAL DATA

RKB 400x200 C1 EC	Art.no. 7470022
Voltage	230/50 V/Hz
Voltage range	200-240 / 50/60 V/Hz
Phase	1 ~
Current	1.26 A
Power	162 W
Speed	2650 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	9.6 kg
Wiring diagram	4040143

### SOUND DATA

	$L_{pA}$	$L_{wA}$ tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	60	67	40	45	63	64	54	50	45	38
4. Outlet 10V		84	64	71	79	79	75	73	69	61
4. Inlet 10V		81	64	72	78	74	68	65	64	55
3. Inlet 8V		80	63	71	78	72	66	63	63	53
2. Inlet 7V		77	61	68	75	67	62	59	57	48
1. Inlet 5.5V		71	56	63	69	61	54	51	48	36

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS



## RKB 500x250 A1 EC

### ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 500x250, for reducing vibration in ventilation systems
- Speed controller, MS EC
- Pressure regulator

- 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 and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- 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.
- 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.

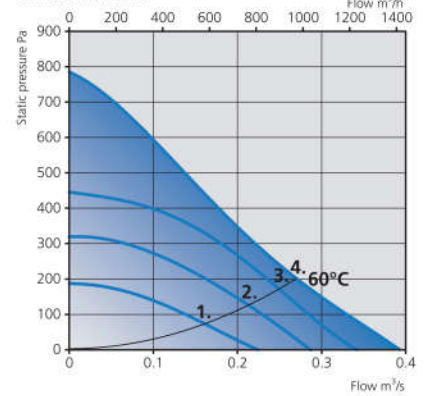
### TECHNICAL DATA

RKB 500x250 A1 EC	Art.no. 7470042
Voltage	230/50 V/Hz
Voltage range	200-240 / 50/60 V/Hz
Phase	1 ~
Current	1.24 A
Power	162 W
Speed	3080 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	59 dB(A)
Weight	13.8 kg
Wiring diagram	4040143

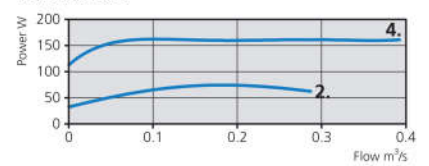
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	59	66	45	49	63	60	53	51	45	37
4. Outlet 10V		82	62	68	77	75	73	76	71	61
4. Inlet 10V		77	66	66	74	66	68	68	67	55
3. Inlet 8V		75	61	65	72	63	65	66	64	52
2. Inlet 7V		71	58	62	68	59	62	62	59	47
1. Inlet 5.5V		66	54	57	64	52	54	54	48	36

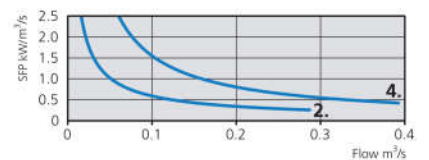
### PRESSURE/FLOW



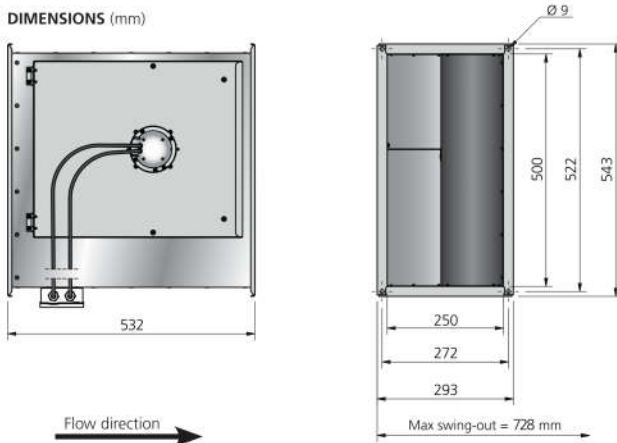
### POWER/FLOW



### SFP



### DIMENSIONS (mm)



### VOLTAGE STEPS

1. 5.5V 2. 7V 3. 8V 4. 10V

# UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS

## RKB 500x250 B1 EC

- 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 and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Integrated approved thermal motor protection.

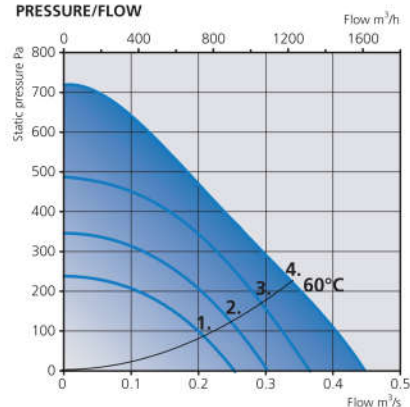
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.



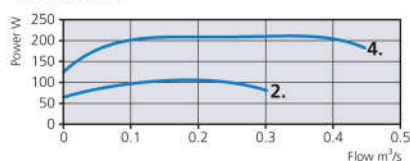
### ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 500x250, for reducing vibration in ventilation systems
- Speed controller, MS EC
- Pressure regulator

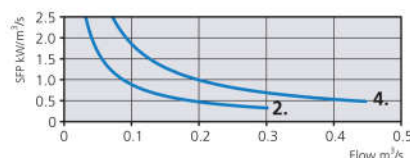
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### VOLTAGE STEPS

1. 5V    2. 7V    3. 8.5V    4. 10V

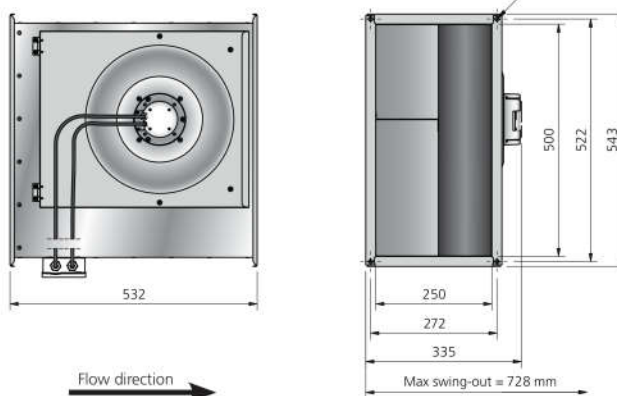
### TECHNICAL DATA

RKB 500x250 B1 EC	Art.no. 7470036
Voltage	230/50 V/Hz
Voltage range	200-240 / 50/60 V/Hz
Phase	1 ~
Current	0.93 A
Power	211 W
Speed	2600 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	14.5 kg
Wiring diagram	4040143

### SOUND DATA

	$L_{pA}$	$L_{wA}$ tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	57	64	42	45	58	60	56	55	51	47
4. Outlet 10V		85	67	64	70	80	76	78	74	73
4. Inlet 10V		78	71	63	69	68	69	69	68	67
3. Inlet 8.5V		74	57	61	67	68	65	65	65	63
2. Inlet 7V		70	54	57	65	65	60	61	61	57
1. Inlet 5V		68	49	54	66	56	54	55	56	50

### DIMENSIONS (mm)





# UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS



## RKB 500x250 E1 EC

### ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 500x250, for reducing vibration in ventilation systems
- Speed controller, MS EC
- Pressure regulator

- 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 and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- 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.
- 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.

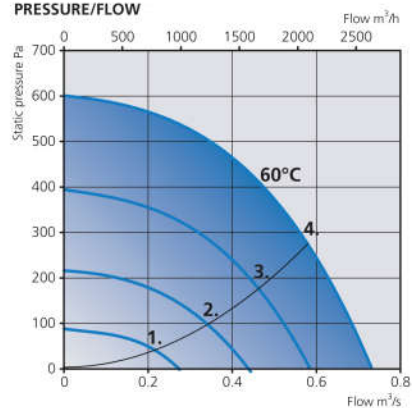
### TECHNICAL DATA

RKB 500x250 E1 EC	Art.no. 7470037
Voltage	230/50 V/Hz
Voltage range	200-277 / 50/60 V/Hz
Phase	1 ~
Current	1.59 A
Power	366 W
Speed	2020 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	64 dB(A)
Weight	18.0 kg
Wiring diagram	4040175

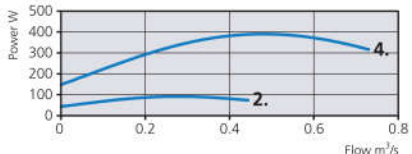
### SOUND DATA

	$L_{pA}$	$L_{wA}$ tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	64	71	44	55	70	59	54	48	45	39
4. Outlet 10V		83	71	72	80	77	71	69	64	63
4. Inlet 10V		82	68	71	81	72	64	63	59	57
3. Inlet 8V		75	64	71	72	66	58	57	53	51
2. Inlet 6V		67	58	63	62	57	50	49	47	36
1. Inlet 4V		56	52	49	49	45	39	38	30	16

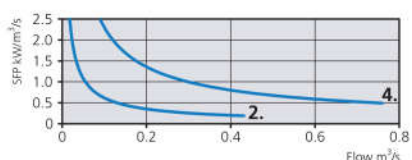
### PRESSURE/FLOW



### POWER/FLOW



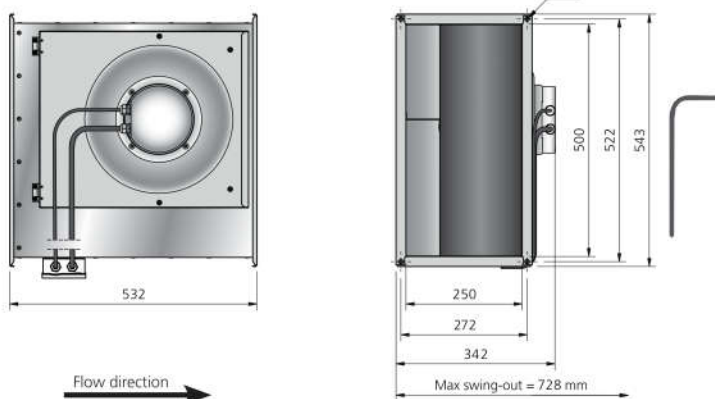
### SFP



### VOLTAGE STEPS

1. 4V    2. 6V    3. 8V    4. 10V

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS

## RKB 600x300 A1 EC

- 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 and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Integrated approved thermal motor protection.

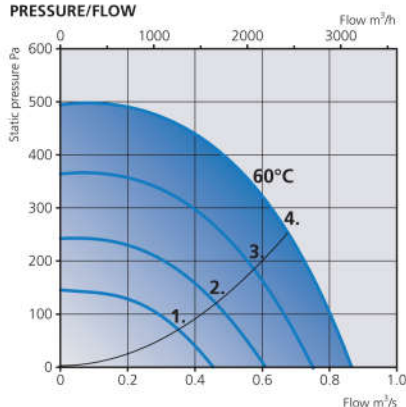
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.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



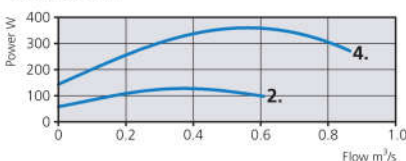
### ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 600x300, for reducing vibration in ventilation systems
- Speed controller, MS EC
- Pressure regulator

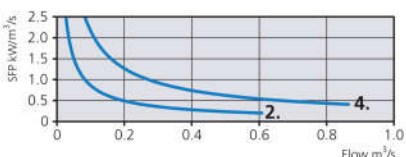
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### VOLTAGE STEPS

1. 6V    2. 7V    3. 8V    4. 10V

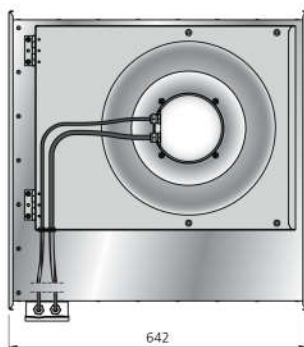
### TECHNICAL DATA

RKB 600x300 A1 EC	Art.no. 7480110
Voltage	230/50 V/Hz
Voltage range	200-277 / 50/60 V/Hz
Phase	1 ~
Current	1.59 A
Power	366 W
Speed	1650 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	59 dB(A)
Weight	32.3 kg
Wiring diagram	4040175

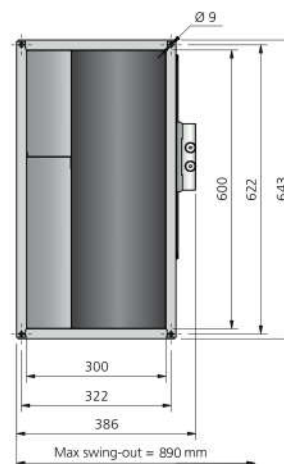
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	59	66	41	59	63	58	54	48	42	40
4. Outlet 10V		81	65	70	78	74	69	67	63	62
4. Inlet 10V		78	63	73	76	66	61	61	58	58
3. Inlet 8.5V		73	60	69	70	61	56	57	55	54
2. Inlet 7V		68	57	64	63	55	50	52	52	45
1. Inlet 5.5V		62	54	58	57	47	44	46	47	29

### DIMENSIONS (mm)



Flow direction →



# UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS



## RKB 600x300 B1 EC

### ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 600x300, for reducing vibration in ventilation systems
- Speed controller, MS EC
- Pressure regulator

- 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 and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- 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.
- 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.

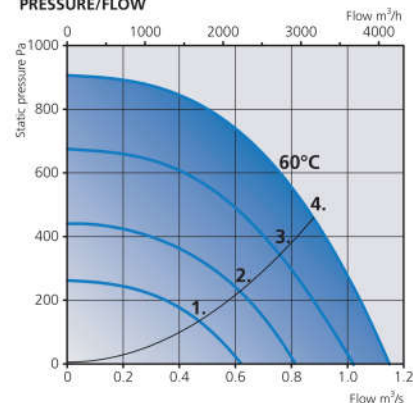
### TECHNICAL DATA

RKB 600x300 B1 EC	Art.no. 7480101
Voltage	230/50 V/Hz
Voltage range	200-277 / 50/60 V/Hz
Phase	1 ~
Current	4.06 A
Power	868 W
Speed	2190 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	67 dB(A)
Weight	29.2 kg
Wiring diagram	4040145

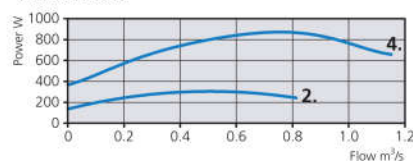
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	67	74	50	61	72	66	63	59	51	46
4. Outlet 10V		92	74	75	91	83	79	77	72	68
4. Inlet 10V		88	72	76	87	74	73	70	67	62
3. Inlet 8.5V		86	69	75	86	69	69	65	63	61
2. Inlet 7V		78	65	72	76	63	62	60	57	57
1. Inlet 5.5V		71	61	67	67	55	57	53	52	51

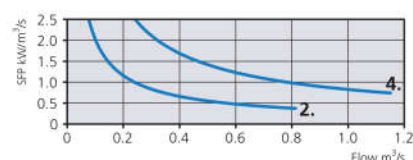
### PRESSURE/FLOW



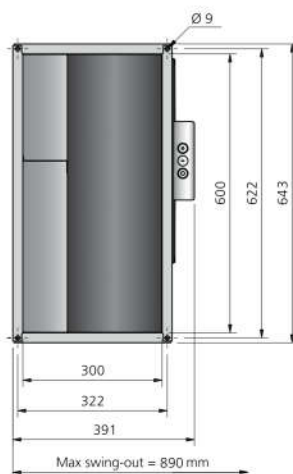
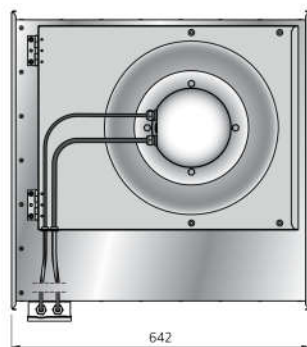
### POWER/FLOW



### SFP



### DIMENSIONS (mm)



### VOLTAGE STEPS

1. 5.5V 2. 7V 3. 8.5V 4. 10V

# UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS

## RKB 600x300 E3 EC

- 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 and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Integrated approved thermal motor protection.

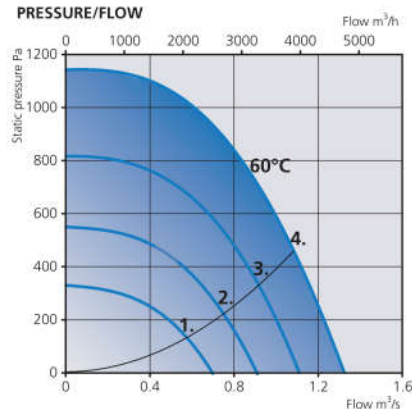
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- Swing-out design to simplify the maintenance and cleaning of the impeller.
- The fan is intended to be installed in a duct system.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



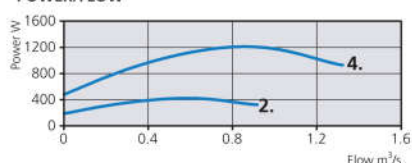
### ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 600x300, for reducing vibration in ventilation systems
- Speed controller, MS EC
- Pressure regulator

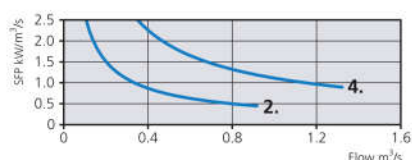
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### VOLTAGE STEPS

1. 5.5V 2. 7V 3. 8.5V 4. 10V

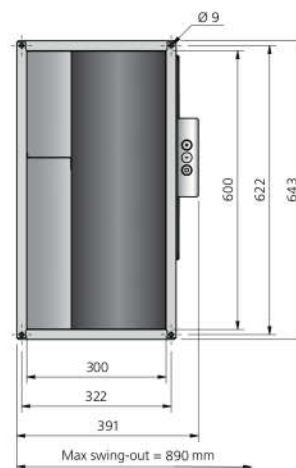
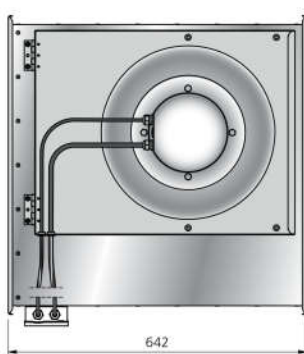
### TECHNICAL DATA

RKB 600x300 E3 EC	Art.no. 7480102
Voltage	400/50 V/Hz
Voltage range	380-480 / 50/60 V/Hz
Phase	3 ~
Current	1.88 A
Power	1220 W
Speed	2500 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	71 dB(A)
Weight	29.1 kg
Wiring diagram	4040147

### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	71	78	54	66	76	70	68	61	54	51
4. Outlet 10V		95	77	79	92	89	84	83	77	72
4. Inlet 10V		90	76	79	89	80	79	75	72	67
3. Inlet 8.5V		88	73	77	87	75	74	71	68	63
2. Inlet 7V		83	68	76	82	69	68	66	62	62
1. Inlet 5.5V		75	64	70	72	61	60	57	55	57

### DIMENSIONS (mm)





# UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS



## RKB 600x350 A1 EC

### ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 600x350, for reducing vibration in ventilation systems
- Speed controller, MS EC
- Pressure regulator

- 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 and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- 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.
- 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.

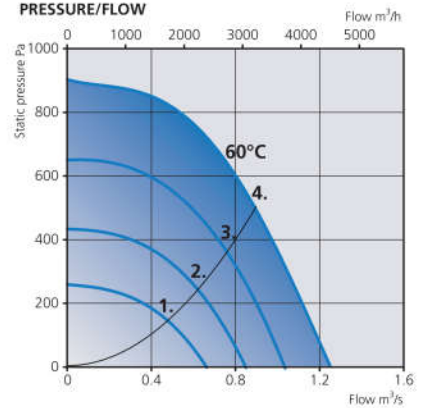
### TECHNICAL DATA

RKB 600x350 A1 EC	Art.no. 7480103
Voltage	230/50 V/Hz
Voltage range	200-277 / 50/60 V/Hz
Phase	1 ~
Current	4.04 A
Power	880 W
Speed	2200 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	69 dB(A)
Weight	30.3 kg
Wiring diagram	4040145

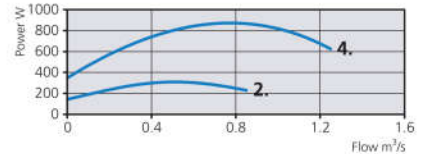
### SOUND DATA

	$L_{pA}$	$L_{wA}$ tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	69	76	43	57	76	62	61	57	50	45
4. Outlet 10V		90	70	74	88	81	80	77	72	66
4. Inlet 10V		86	69	72	85	72	71	69	66	61
3. Inlet 8.5V		82	66	72	81	66	65	65	61	58
2. Inlet 7V		76	61	73	71	60	60	59	55	55
1. Inlet 5.5V		68	57	65	62	52	56	53	51	48

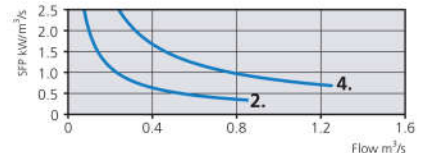
### PRESSURE/FLOW



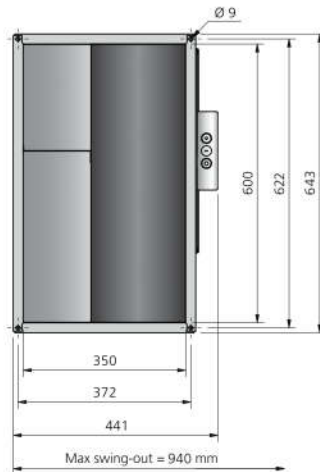
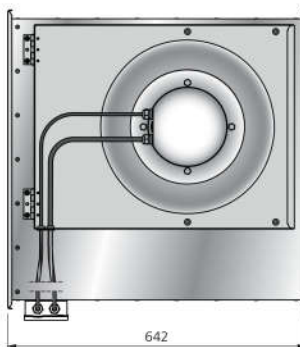
### POWER/FLOW



### SFP



### DIMENSIONS (mm)



### VOLTAGE STEPS

1. 5.5V 2. 7V 3. 8.5V 4. 10V

# UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS

## RKB 600x350 E3 EC



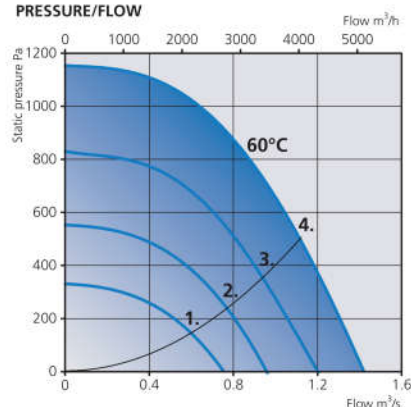
- Duct fan with rectangular connections.
- Proven performance and reliability.
- High capacity and very good efficiency.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- 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.
- 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.

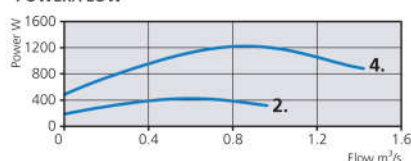
### ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 600x350, for reducing vibration in ventilation systems
- Speed controller, MS EC
- Pressure regulator

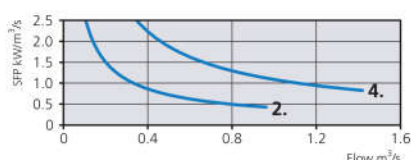
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### VOLTAGE STEPS

1. 6V    2. 7V    3. 8V    4. 10V

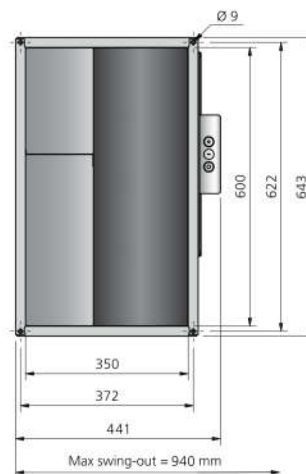
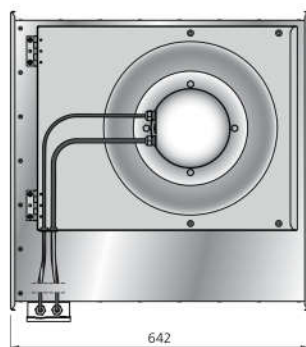
### TECHNICAL DATA

RKB 600x350 E3 EC	Art.no. 7480104
Voltage	400/50 V/Hz
Voltage range	380-480 / 50/60 V/Hz
Phase	3 ~
Current	1.91 A
Power	1220 W
Speed	2500 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	70 dB(A)
Weight	30.2 kg
Wiring diagram	4040147

### SOUND DATA

	$L_{pA}$	$L_{wA}$ tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	70	77	49	63	76	67	66	59	54	49
4. Outlet 10V		93	76	78	91	87	83	81	76	72
4. Inlet 10V		89	74	76	87	76	76	76	71	67
3. Inlet 8.5V		88	71	73	87	72	71	74	67	64
2. Inlet 7V		81	66	75	79	66	66	65	61	63
1. Inlet 5.5V		73	60	70	69	58	57	58	55	57

### DIMENSIONS (mm)



# UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS



## RKB 700x400 B1 EC

### ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 700x400, for reducing vibration in ventilation systems
- Speed controller, MS EC
- Pressure regulator

- 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 and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- 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.
- 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.

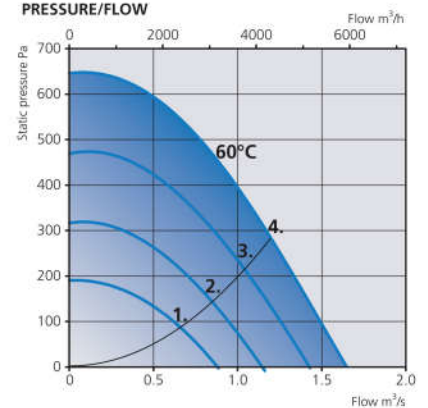
### TECHNICAL DATA

RKB 700x400 B1 EC	Art.no. 7480112
Voltage	230/50 V/Hz
Voltage range	200-277 / 50/60 V/Hz
Phase	1 ~
Current	3.29 A
Power	720 W
Speed	1420 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	59 dB(A)
Weight	42.0 kg
Wiring diagram	4040145

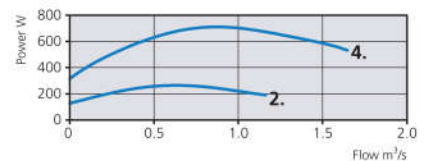
### SOUND DATA

	$L_{PA}$	$L_{WA}$ tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	59	66	49	60	64	59	53	46	43	40
4. Outlet 10V		84	69	77	80	75	74	68	64	62
4. Inlet 10V		79	67	76	73	69	66	63	60	58
3. Inlet 8.5V		75	64	71	69	65	61	60	56	53
2. Inlet 7V		70	61	66	64	59	55	56	52	43
1. Inlet 5.5V		64	60	57	57	52	50	49	44	31

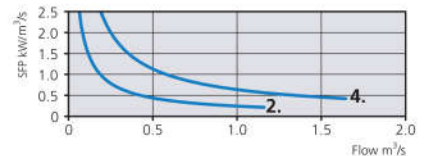
### PRESSURE/FLOW



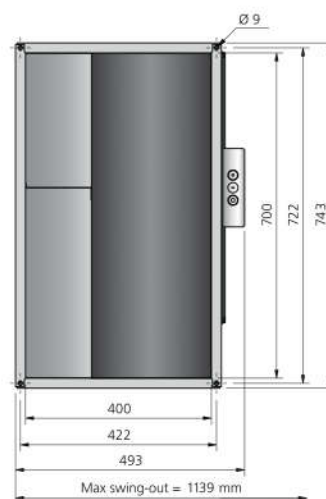
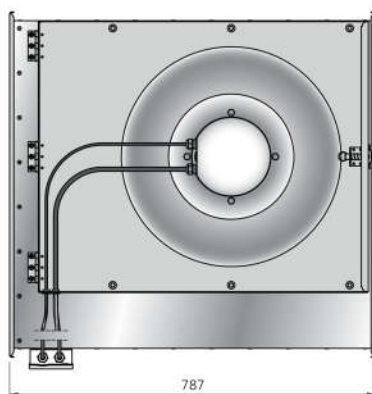
### POWER/FLOW



### SFP



### DIMENSIONS (mm)



### VOLTAGE STEPS

1. 6V 2. 7V 3. 8V 4. 10V



# UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS

## RKB 700x400 B3 EC



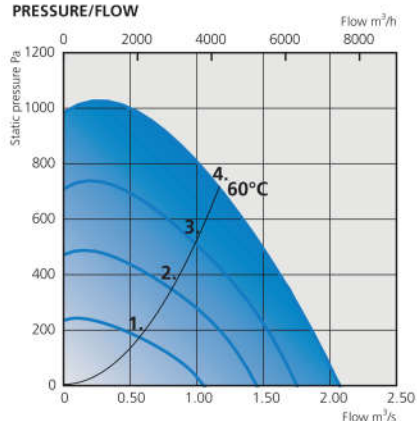
- Duct fan with rectangular connections.
- Proven performance and reliability.
- High capacity and very good efficiency.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- 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.
- 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.

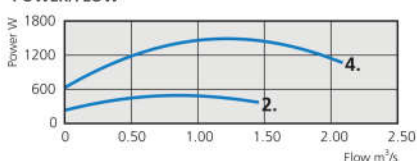
### ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 700x400, for reducing vibration in ventilation systems
- Speed controller, MS EC
- Pressure regulator

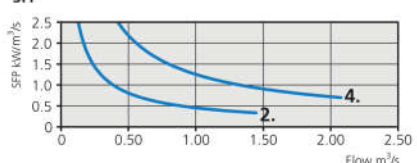
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### VOLTAGE STEPS

1. 5V    2. 7V    3. 8.5V    4. 10V

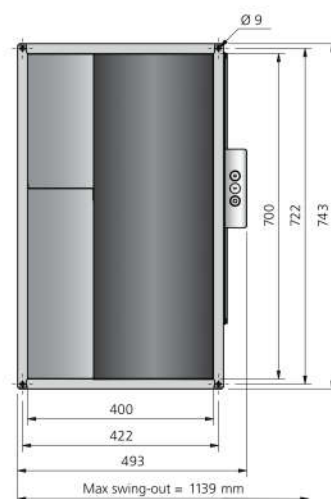
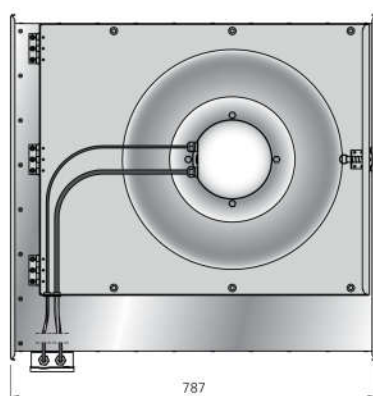
### TECHNICAL DATA

RKB 700x400 B3 EC	Art.no. 7480058
Voltage	400/50 V/Hz
Voltage range	380-480 / 50/60 V/Hz
Phase	3 ~
Current	2.30 A
Power	1500 W
Speed	2300 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	68 dB(A)
Weight	42.0 kg
Wiring diagram	4040147

### SOUND DATA

	$L_{pA}$	$L_{wA}$ tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	68	75	56	63	73	70	63	54	49	45
4. Outlet 10V		92	73	82	90	84	85	76	71	68
4. Inlet 10V		88	73	79	86	78	78	73	67	63
3. Inlet 8.5V		83	70	77	80	74	73	68	63	60
2. Inlet 7V		78	66	72	74	69	67	62	57	55
1. Inlet 5V		69	62	63	63	59	56	53	50	36

### DIMENSIONS (mm)





# UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS



## RKB 700x400 E3 EC

### ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 700x400, for reducing vibration in ventilation systems
- Speed controller, MS EC
- Pressure regulator

- 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 and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- 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.
- 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.

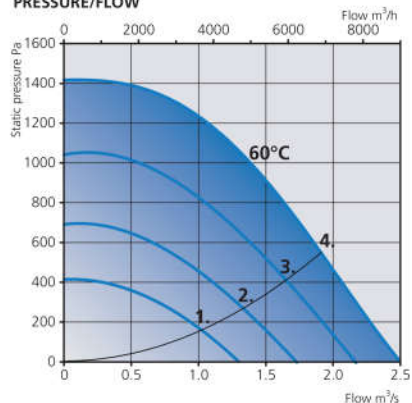
### TECHNICAL DATA

RKB 700x400 E3 EC	Art.no. 7480105
Voltage	400/50 V/Hz
Voltage range	380-480 / 50/60 V/Hz
Phase	3 ~
Current	3.68 A
Power	2420 W
Speed	2130 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	72 dB(A)
Weight	43.4 kg
Wiring diagram	4040147

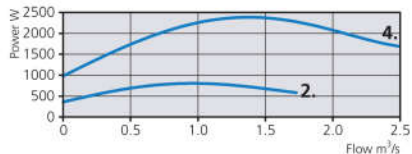
### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	72	79	57	64	77	71	67	58	53	49
4. Outlet 10V		96	78	83	94	88	88	82	76	73
4. Inlet 10V		90	76	80	88	81	79	77	72	68
3. Inlet 8.5V		87	72	79	85	77	74	72	67	65
2. Inlet 7V		81	68	78	76	71	68	65	61	60
1. Inlet 5.5V		74	63	70	68	64	60	58	56	52

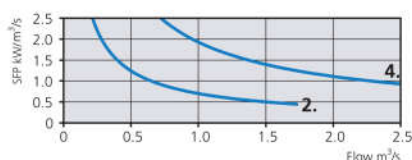
### PRESSURE/FLOW



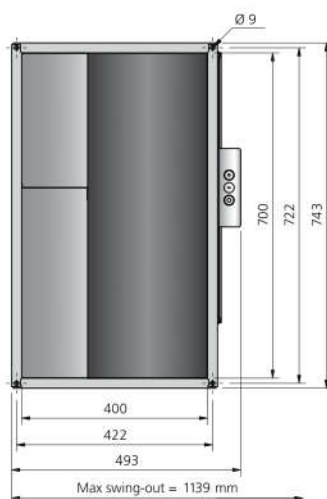
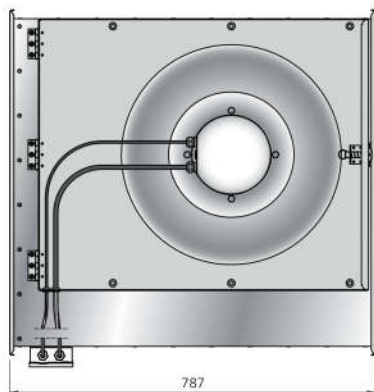
### POWER/FLOW



### SFP



### DIMENSIONS (mm)



### VOLTAGE STEPS

1. 5.5V 2. 7V 3. 8.5V 4. 10V

# UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS

## RKB 800x500 A3 EC



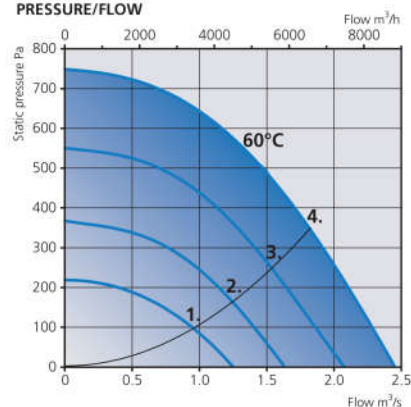
- Duct fan with rectangular connections.
- Proven performance and reliability.
- High capacity and very good efficiency.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- 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.
- 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.

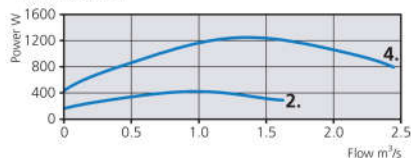
### ACCESSORIES

- Rectangular flexible connection, 800x500, for reducing vibration in ventilation systems
- Speed controller, MS EC
- Pressure regulator

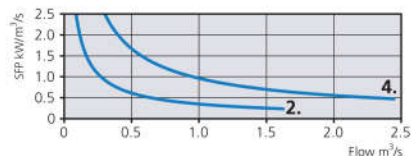
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### VOLTAGE STEPS

1. 5.5V 2. 7V 3. 8.5V 4. 10V

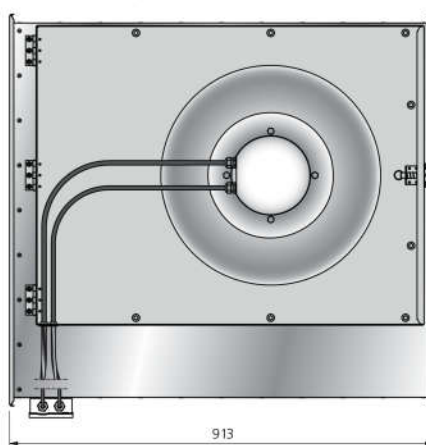
### TECHNICAL DATA

RKB 800x500 A3 EC	Art.no. 7480106
Voltage	400/50 V/Hz
Voltage range	380-480 / 50/60 V/Hz
Phase	3 ~
Current	1.96 A
Power	1260 W
Speed	1400 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	64 dB(A)
Weight	55.5 kg
Wiring diagram	4040147

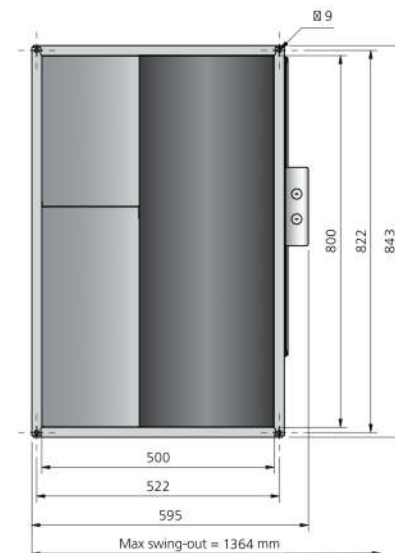
### SOUND DATA

	$L_{pA}$	$L_{wA}$ tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	64	71	54	68	66	62	56	48	42	45
4. Outlet 10V		86	70	81	81	78	78	74	71	70
4. Inlet 10V		82	66	79	73	70	72	70	67	67
3. Inlet 8.5V		77	63	74	69	66	67	66	63	65
2. Inlet 7V		72	60	69	63	60	61	61	59	59
1. Inlet 5.5V		65	60	59	56	53	55	54	56	42

### DIMENSIONS (mm)



Flow direction →



# UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS



## RKB 800x500 E3 EC

### ACCESSORIES

- Rectangular flexible connection, 800x500, for reducing vibration in ventilation systems
- Speed controller, MS EC
- Pressure regulator

- 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 and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- 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.
- 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.

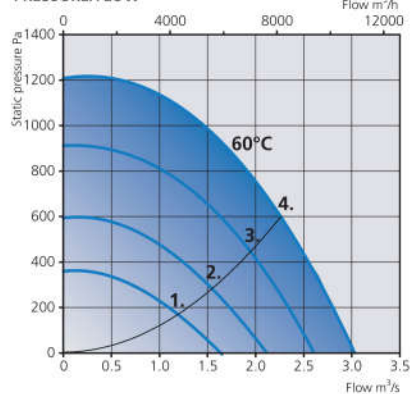
### TECHNICAL DATA

RKB 800x500 E3 EC	Art.no. 7480107
Voltage	400/50 V/Hz
Voltage range	380-480 / 50/60 V/Hz
Phase	3 ~
Current	3.92 A
Power	2570 W
Speed	1800 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	73 dB(A)
Weight	65.3 kg
Wiring diagram	4040147

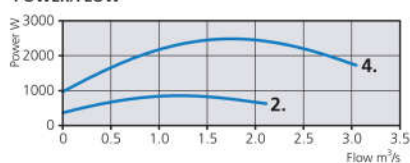
### SOUND DATA

	$L_{pA}$	$L_{wA}$ tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	73	80	58	70	79	71	64	56	53	50
4. Outlet 10V		94	75	82	90	85	86	82	79	73
4. Inlet 10V		89	70	80	87	78	78	75	72	68
3. Inlet 8.5V		83	67	80	77	73	74	70	68	67
2. Inlet 7V		78	63	75	70	68	67	64	62	64
1. Inlet 5.5V		72	60	70	64	60	60	58	58	55

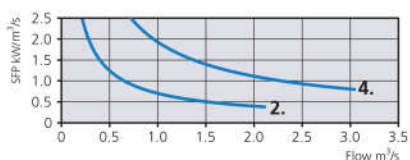
### PRESSURE/FLOW



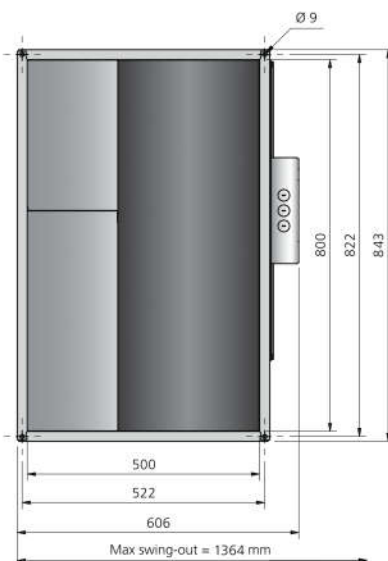
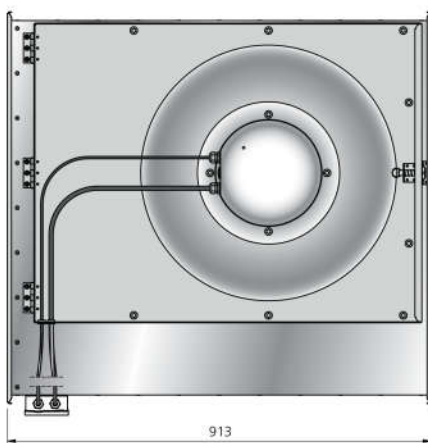
### POWER/FLOW



### SFP



### DIMENSIONS (mm)



### VOLTAGE STEPS

1. 5.5V 2. 7V 3. 8.5V 4. 10V



# UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS

## RKB 1000x500 B3 EC



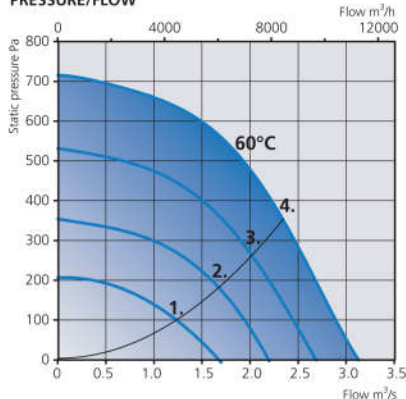
- Duct fan with rectangular connections.
- Proven performance and reliability.
- High capacity and very good efficiency.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- 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.
- 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.

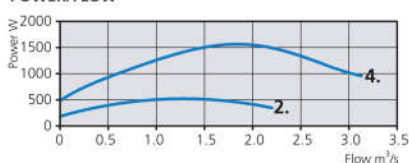
### ACCESSORIES

- Rectangular flexible connection, 1000x500, for reducing vibration in ventilation systems
- Speed controller, MS EC
- Pressure regulator

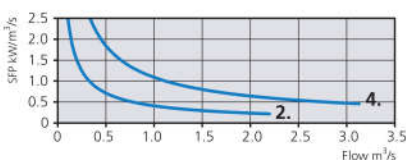
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### VOLTAGE STEPS

1. 5.5V    2. 7V    3. 8.5V    4. 10V

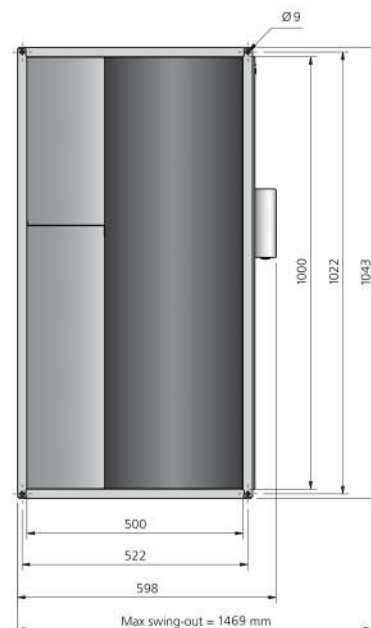
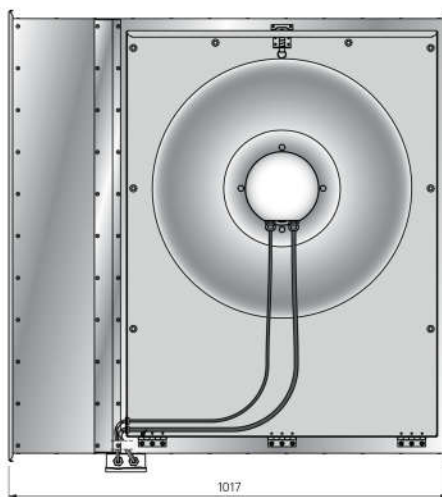
### TECHNICAL DATA

RKB 1000x500 B3 EC	Art.no. 7480108
Voltage	400/50 V/Hz
Voltage range	380-480 / 50/60 V/Hz
Phase	3 ~
Current	2.45 A
Power	1570 W
Speed	1230 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	66 dB(A)
Weight	70.9 kg
Wiring diagram	4040147

### SOUND DATA

	$L_{pA}$	$L_{WA}$ tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	66	73	55	71	67	62	57	50	46	47
4. Outlet 10V		87	71	82	82	79	78	75	70	71
4. Inlet 10V		81	66	79	72	70	72	70	65	65
3. Inlet 8.5V		78	64	75	67	65	67	66	61	63
2. Inlet 7V		73	64	70	61	59	62	60	56	58
1. Inlet 5.5V		65	60	61	53	51	55	53	56	42

### DIMENSIONS (mm)







# UNINSULATED DUCT FANS WITH RECTANGULAR CONNECTIONS

## RKB 1000x500 F3 EC

### ACCESSORIES

- Rectangular flexible connection, 300x150, for reducing vibration in ventilation systems
- Speed controller, MS EC
- Pressure regulator

- 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 and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- 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.
- 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.

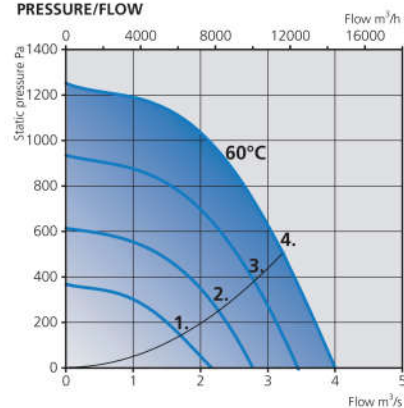
### TECHNICAL DATA

RKB 1000x500 F3 EC	Art.no. 7480109
Voltage	400/50 V/Hz
Voltage range	380-480 / 50/60 V/Hz
Phase	3 ~
Current	5.20 A
Power	3450 W
Speed	1630 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	73 dB(A)
Weight	83.3 kg
Wiring diagram	4040147

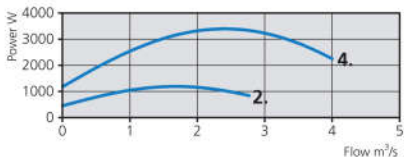
### SOUND DATA

	$L_{PA}$	$L_{WA}$ tot dB (A)	63	125	250	500	1K	2K	4K	8K
4. Surrounding 10V	73	80	61	74	77	73	68	60	56	50
4. Outlet 10V		96	76	89	91	87	88	84	80	74
4. Inlet 10V		89	74	84	82	81	81	78	74	69
3. Inlet 8.5V		86	71	82	77	76	76	74	70	66
2. Inlet 7V		81	67	78	71	70	70	68	64	67
1. Inlet 5.5V		74	65	72	63	62	62	61	57	61

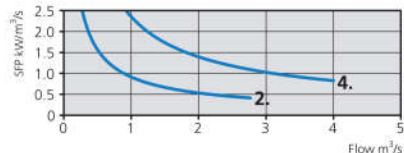
### PRESSURE/FLOW



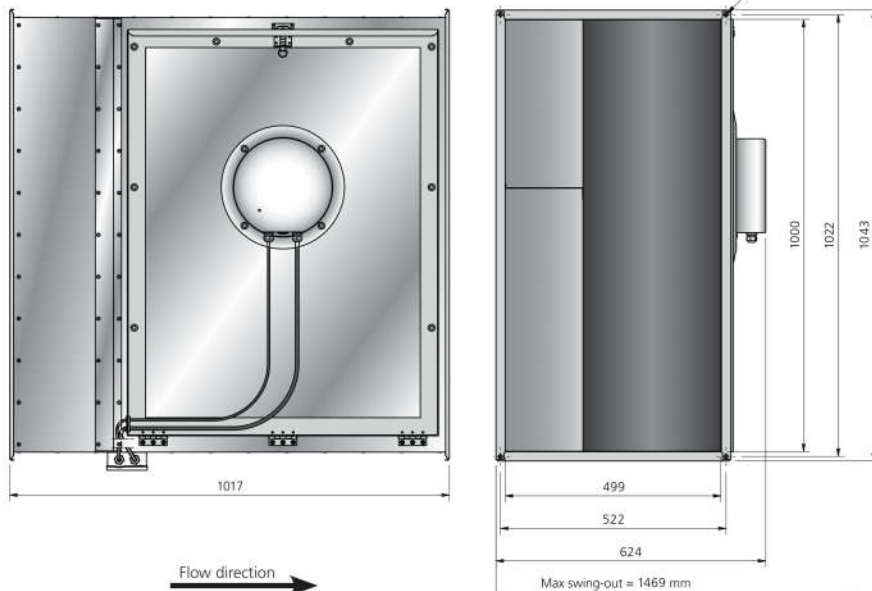
### POWER/FLOW



### SFP



### DIMENSIONS (mm)



### VOLTAGE STEPS

1. 5.5V 2. 7V 3. 8.5V 4. 10V