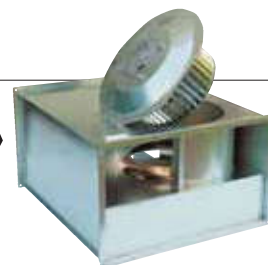


# EXPLOSION PROOF ATEX CERTIFIED DUCT FAN

## RKX 500x250 D3 ATEX



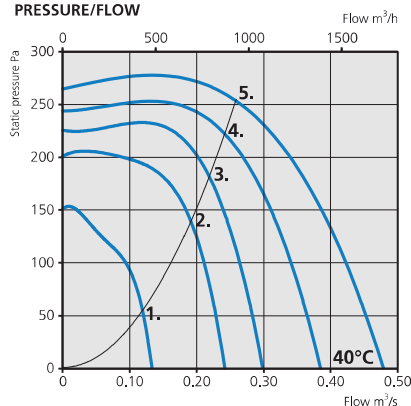
- Duct fan with rectangular connections.
- RKX is a refinement of RK and a safe choice for numerous applications within the industry.
- The fan is intended to transport gas in explosive environment.
- The fan can only be used in zone 1 and 2.
- The ATEX fan is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor AC motor has maintenance-free sealed ball-bearings.
- Motor has insulation class F.
- Endosure class of the fan is IP 54.
- External motor protection and junction box are available as accessories.

- For speed control a transformer can be connected.
- Fan housing is manufactured from galvanized sheet steel with a nonsparking inlet cone made from copper.
- The fan is certified according to ATEX 94/9/EEC and comply with ISO 14694, category BV-2, BV-3 and quality factor G 6.3.
- CENELEC members in European countries should take the national standards, based on EN 60079-14 and EN 60079-17, into consideration.
- The fan is intended to be installed indoors in a duct system.
- Swing-out design to simplify the maintenance and cleaning of the impeller.

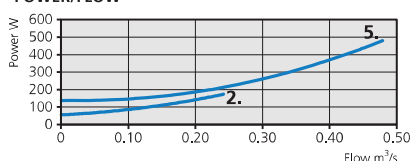
### ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 500x250, for reducing vibration in ventilation systems
- Junction box (ATEX)
- Thermal contact relay (ATEX)
- Current sensitive external motor protection with corresponding ATEX classification
- Transformer VRDT 1, VRTT 1 (must be installed outside of the explosion risk zone)

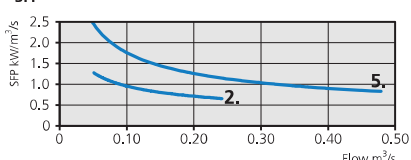
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TECHNICAL DATA

RKX 500x250 D3 ATEX		Art.no. 7730008	
Marking		II 2G, EEx e IIB+H2 T3	
Voltage	400/50	V/Hz	
Phase	3	~	
Current	0.92	A	
Power	530	W	
Speed	1280	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		56	dB(A)
Weight	18.0	kg	
Wiring diagram		4040115	

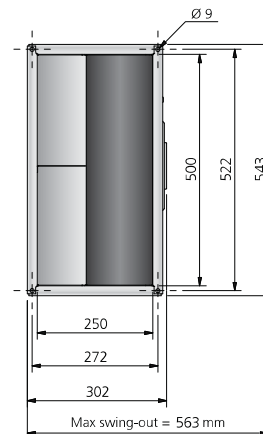
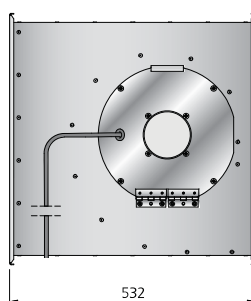
### SOUND DATA

	$L_{pA}$	$L_{wA}$ tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	56	63	38	43	56	57	58	54	49	43
5. Outlet 400V		79	63	63	67	70	73	73	72	67
5. Inlet 400V		73	63	65	66	62	63	65	65	60
4. Inlet 240V		72	62	63	66	62	63	65	64	59
3. Inlet 185V		69	59	60	62	62	60	61	60	54
2. Inlet 145V		65	54	55	58	59	55	56	55	47
1. Inlet 95V		58	45	45	51	55	44	44	38	27

### TRANSFORMER STEPS

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

### DIMENSIONS (mm)





## EXPLOSION PROOF ATEX CERTIFIED DUCT FAN

### RKX 500x300 B3 ATEX

#### ACCESSORIES

- Mounting brackets Universal Kit
- Junction box (ATEX)
- Thermal contact relay (ATEX)
- Current sensitive external motor protection with corresponding ATEX classification
- Transformer VRDT 2, VRTT 2 (must be installed outside of the explosion risk zone)

- Duct fan with rectangular connections.
- RKX is a refinement of RK and a safe choice for numerous applications within the industry.
- The fan is intended to transport gas in explosive environment.
- The fan can only be used in zone 1 and 2.
- The ATEX fan is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor AC motor has maintenance-free sealed ball-bearings.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- External motor protection and junction box are available as accessories.

- For speed control a transformer can be connected.
- Fan housing is manufactured from galvanized sheet steel with a nonsparking inlet cone made from copper.
- The fan is certified according to ATEX 94/9/EEC and comply with ISO 14694, category BV-2, BV-3 and quality factor G 6.3.
- CENELEC members in European countries should take the national standards, based on EN 60079-14 and EN 60079-17, into consideration.
- The fan is intended to be installed indoors in a duct system.
- Swing-out design to simplify the maintenance and cleaning of the impeller.

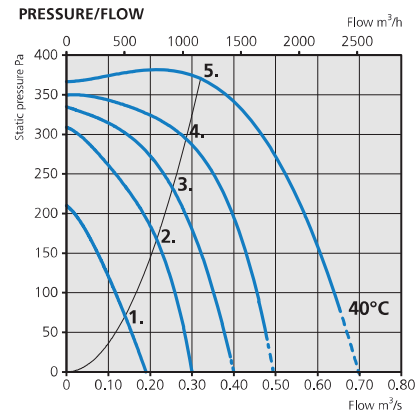
#### TECHNICAL DATA

RKX 500x300 B3 ATEX		Art.no. 7730010
Marking		II 2G, EEX e IIB+H2 T3
Voltage	400/50	V/Hz
Phase	3	~
Current	1.50	A
Power	800	W
Speed	1240	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	55	dB(A)
Weight	21.4	kg
Wiring diagram	4040115	

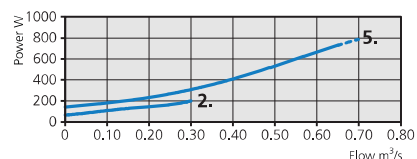
#### SOUND DATA

	$L_{pA}$	$L_{wA}$ tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	55	62	37	48	56	53	59	52	51	45
5. Outlet 400V		79	63	66	68	70	75	72	72	66
5. Inlet 400V		73	63	68	66	59	64	65	64	58
4. Inlet 240V		72	61	64	64	61	62	65	63	57
3. Inlet 185V		68	58	61	60	58	59	60	59	51
2. Inlet 145V		63	53	55	56	54	53	55	52	42
1. Inlet 95V		54	44	48	50	46	45	43	37	26

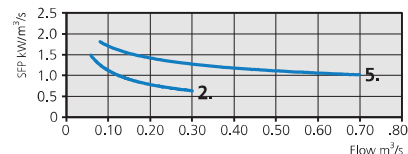
#### PRESSURE/FLOW



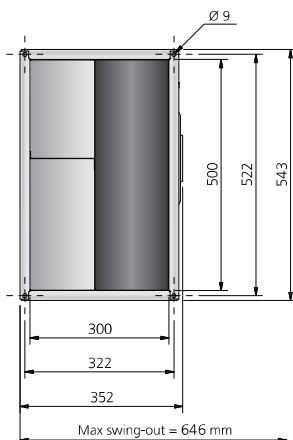
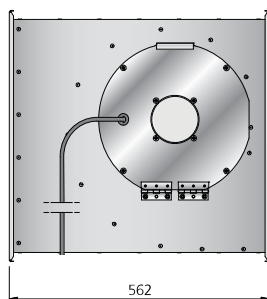
#### POWER/FLOW



#### SFP



#### DIMENSIONS (mm)



#### TRANSFORMER STEPS

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

# EXPLOSION PROOF ATEX CERTIFIED DUCT FAN

## RKX 600x300 F3 ATEX



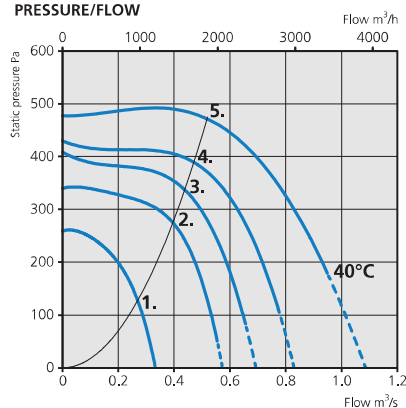
- Duct fan with rectangular connections.
- RKX is a refinement of RK and a safe choice for numerous applications within the industry.
- The fan is intended to transport gas in explosive environment.
- The fan can only be used in zone 1 and 2.
- The ATEX fan is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor AC motor has maintenance-free sealed ball-bearings.
- Motor has insulation class F.
- Endosure class of the fan is IP 54.
- External motor protection and junction box are available as accessories.

- For speed control a transformer can be connected.
- Fan housing is manufactured from galvanized sheet steel with a nonsparking inlet cone made from copper.
- The fan is certified according to ATEX 94/9/EEC and comply with ISO 14694, category BV-2, BV-3 and quality factor G 6.3.
- CENELEC members in European countries should take the national standards, based on EN 60079-14 and EN 60079-17, into consideration.
- The fan is intended to be installed indoors in a duct system.
- Swing-out design to simplify the maintenance and cleaning of the impeller.

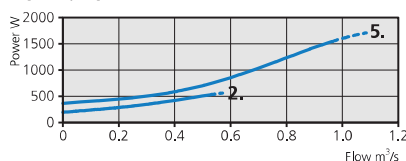
### ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 600x300, for reducing vibration in ventilation systems
- Junction box (ATEX)
- Thermal contact relay (ATEX)
- Current sensitive external motor protection with corresponding ATEX classification
- Transformer VRDT 4, VRTT 4 (must be installed outside of the explosion risk zone)

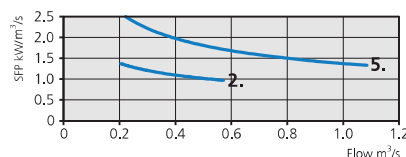
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TRANSFORMER STEPS

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

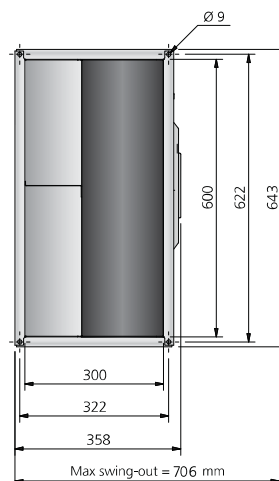
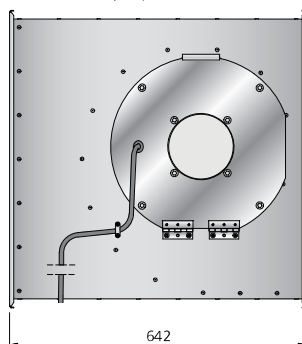
### TECHNICAL DATA

RKX 600x300 F3 ATEX	Art.no. 7730011
Marking	II 2G, EEx e IIB+H2 T3
Voltage	Y 400/Δ 230 / 50 V/Hz
Phase	3 ~
Current	3,00 / 5,30 A
Power	1500 W
Speed	1340 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	34,8 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	60	67	50	54	59	58	63	60	57	52
5. Outlet 400V		86	67	70	75	75	80	80	79	74
5. Inlet 400V		78	66	71	70	65	72	70	69	64
4. Inlet 240V		78	65	69	70	64	72	70	69	65
3. Inlet 185V		76	64	67	68	63	70	68	68	63
2. Inlet 145V		73	62	64	65	61	67	65	65	59
1. Inlet 95V		65	56	57	58	55	58	57	56	47

### DIMENSIONS (mm)





## EXPLOSION PROOF ATEX CERTIFIED DUCT FAN

### RKX 600x350 E3 ATEX

#### ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 600x350, for reducing vibration in ventilation systems
- Junction box (ATEX)
- Thermal contact relay (ATEX)
- Current sensitive external motor protection with corresponding ATEX classification
- Transformer VRDT 4, VRTT 4 (must be installed outside of the explosion risk zone)

- Duct fan with rectangular connections.
- RKX is a refinement of RK and a safe choice for numerous applications within the industry.
- The fan is intended to transport gas in explosive environment.
- The fan can only be used in zone 1 and 2.
- The ATEX fan is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor AC motor has maintenance-free sealed ball-bearings.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- External motor protection and junction box are available as accessories.

- For speed control a transformer can be connected.
- Fan housing is manufactured from galvanized sheet steel with a nonsparking inlet cone made from copper.
- The fan is certified according to ATEX 94/9/EEC and comply with ISO 14694, category BV-2, BV-3 and quality factor G 6.3.
- CENELEC members in European countries should take the national standards, based on EN 60079-14 and EN 60079-17, into consideration.
- The fan is intended to be installed indoors in a duct system.
- Swing-out design to simplify the maintenance and cleaning of the impeller.

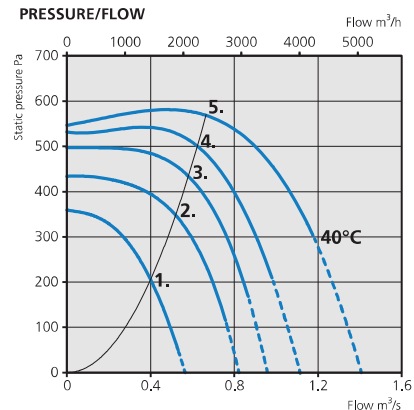
#### TECHNICAL DATA

RKX 600x350 E3 ATEX	Art.no. 7730013
Marking	II 2G, EEX e IIB+H2 T3
Voltage	Y 400/Δ 230 / 50 V/Hz
Phase	3 ~
Current	3,90 / 6,80 A
Power	2000 W
Speed	1370 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	61 dB(A)
Weight	43,0 kg
Wiring diagram	Y 4040004 / Δ 4040003

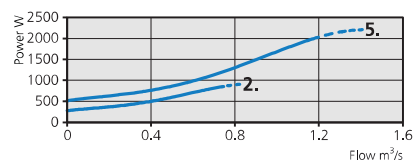
#### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	61	68	48	56	60	58	64	61	60	56
5. Outlet 400V		87	71	73	75	78	82	81	80	76
5. Inlet 400V		79	69	71	70	67	72	72	71	67
4. Inlet 240V		79	68	69	69	67	72	72	71	67
3. Inlet 185V		77	66	68	68	66	70	71	70	66
2. Inlet 145V		75	64	65	66	64	67	68	67	62
1. Inlet 95V		69	60	60	61	59	61	62	60	53

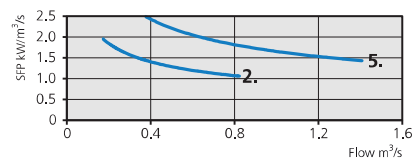
#### PRESSURE/FLOW



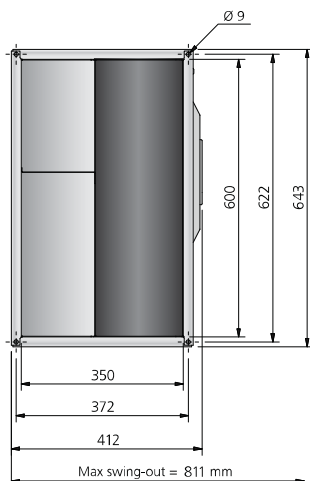
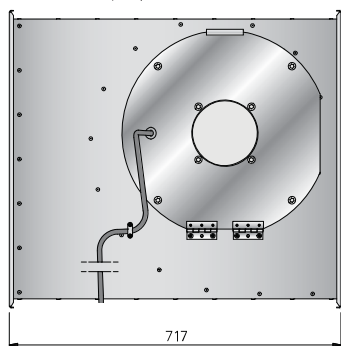
#### POWER/FLOW



#### SFP



#### DIMENSIONS (mm)

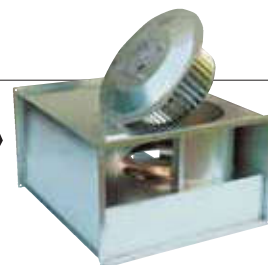


#### TRANSFORMER STEPS

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

# EXPLOSION PROOF ATEX CERTIFIED DUCT FAN

## RKX 700x400 B3 ATEX



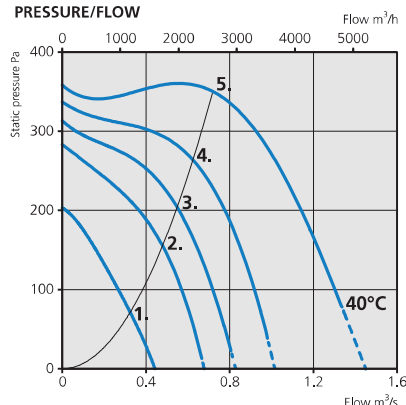
- Duct fan with rectangular connections.
- RKX is a refinement of RK and a safe choice for numerous applications within the industry.
- The fan is intended to transport gas in explosive environment.
- The fan can only be used in zone 1 and 2.
- The ATEX fan is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor AC motor has maintenance-free sealed ball-bearings.
- Motor has insulation class F.
- Endosure class of the fan is IP 54.
- External motor protection and junction box are available as accessories.

- For speed control a transformer can be connected.
- Fan housing is manufactured from galvanized sheet steel with a nonsparking inlet cone made from copper.
- The fan is certified according to ATEX 94/9/EEC and comply with ISO 14694, category BV-2, BV-3 and quality factor G 6.3.
- CENELEC members in European countries should take the national standards, based on EN 60079-14 and EN 60079-17, into consideration.
- The fan is intended to be installed indoors in a duct system.
- Swing-out design to simplify the maintenance and cleaning of the impeller.

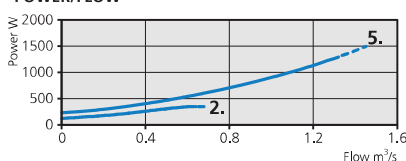
### ACCESSORIES

- Mounting brackets Universal Kit
- Rectangular flexible connection, 700x400, for reducing vibration in ventilation systems
- Junction box (ATEX)
- Thermal contact relay (ATEX)
- Current sensitive external motor protection with corresponding ATEX classification
- Transformer VRDT 4, VRTT 4 (must be installed outside of the explosion risk zone)

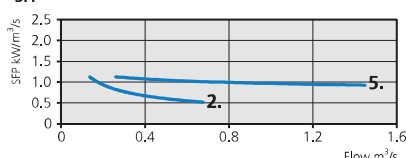
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### TECHNICAL DATA

RKX 700X400 B3 ATEX	Art.no. 7730015
Marking	II 2G, EEX e IIB+H2 T3
Voltage	Y 400/Δ 230 / 50 V/Hz
Phase	3 ~
Current	2,50 / 4,30 A
Power	1400 W
Speed	799 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	55 dB(A)
Weight	49,5 kg
Wiring diagram	Y 4040004 / Δ 4040003

### SOUND DATA

	L <sub>PA</sub>	L <sub>WA</sub> tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	55	62	45	52	52	55	56	53	51	46
5. Outlet 400V		81	70	69	72	73	74	74	73	67
5. Inlet 400V		73	64	65	64	61	67	65	64	58
4. Inlet 240V		72	61	62	63	62	66	64	63	56
3. Inlet 185V		69	58	59	61	59	62	61	60	51
2. Inlet 145V		64	54	55	57	54	58	56	54	44
1. Inlet 95V		55	45	47	50	45	49	46	41	30

### TRANSFORMER STEPS

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

### DIMENSIONS (mm)

