ÖSTBERG
HEALTHY INDOOR CLIMATE
WITH ENERGY EFFICIENT VENTILATION

PRODUCT CATALOGUE 2015

FANS

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ENERGY EFFICIENT VENTILATION

Östberg is one of the leading producers of radial fans in the world.
In the early 1970s, the founder and owner of the company designed the first circular and rectangular in-line radial duct fans in history with external rotor motors and straight-through airflow (180°).
We have continued to develop new products and today offer a wide product range of centrifugal in-line duct fans, roof fans, wall fans and energy recovery units.
Our goal is to always offer the highest-quality products at competitive prices.
The company is certified according to the quality and environment standards ISO 9001 and ISO 14001.
These high demands guarantee an efficient and rational production of high-standard fans.
All our fans are tested before delivery, which gives us 100% control of production.
Air quality directly affects the way we feel, not only physically but also mentally.
Therefore use high-quality products from Östberg in order to achieve a healthy indoor climate with energy-efficient ventilation.

The following two symbols are used in this catalogue:

AC-MOTOR DRIVEN FAN FROM ÖSTBERG

EC-MOTOR DRIVEN FAN FROM ÖSTBERG

Products marked with the AC and EC symbols are approved for use in the EU, EFTA & EEA countries.

RADIAL FAN

Diameter impeller (mm)

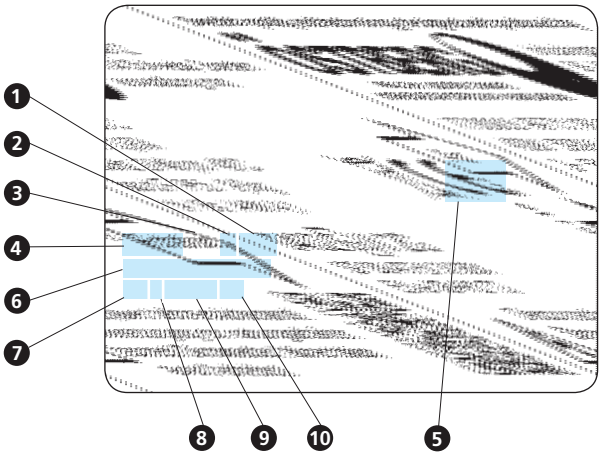
RFTX 160 A

- Radial
- Forward curved impeller
- 3-phase
- ATEX
- **AC=** Asynchronous fan motor
- **EC=** Low energy fan motor
- Capacity (**A/B/C**)

RFTX **360**
The RFTX range of radial fans complies with ATEX standards, the technical standard for explosion proof fans. The non-sparking inlet cone is made from copper and the motor is separated from the air stream.
RFTX is available with AC motor.
Airflows up to 1.800 m³/h (0.50 m³/s).

MARKING SIGNS

1. Category **2** = zone **1** & **2**, **G** = gas. Danger zone where explosive gas can occur temporary during normal operation.
2. Equipment group **II** (not for mines).
3. Symbol for explosion proof material.
4. SP notified body number.
5. Certified with European standards (CENELEC standard).
6. Certified number.
7. Explosion proof material.
8. Increased security = Sparks do not appear in the equipment.
9. Explosion group: **IIB** (ethylene gas) + **H2** (hydrogen gas).
10. Temperature class **T3**. Can be used in gases with an ignition temperature ≥200°C.



DUCT FAN WITH RECTANGULAR CONNECTIONS

Dimension (mm)

RKX 500x250 D3

- Rectangular
- Duct fan
- ATEX
- 3-phase
- Capacity (**B/D/E/F**)

RKX **368**
The RKX range of duct fans complies with ATEX standards, the technical standard for explosion proof fans. RKX is a duct fan with rectangular connections which is a refinement of our RK range. The inlet cone is manufactured from non-sparking copper and the RKX is powered by a high quality ATEX approved motor. This makes this fans a safe choice for a number of different applications within the industry.
With swing-out design as standard makes the fan easy to maintain and clean.
RKX is available with AC motor.
Airflows up to 4.800 m³/h (1.30 m³/s).

MARKING SIGNS

1. Category **2** = zone **1** & **2**, **G** = gas. Danger zone where explosive gas can occur temporary during normal operation.
2. Equipment group **II** (not for mines).
3. Symbol for explosion proof material.
4. SP notified body number.
5. Certified with European standards (CENELEC standard).
6. Certified number.
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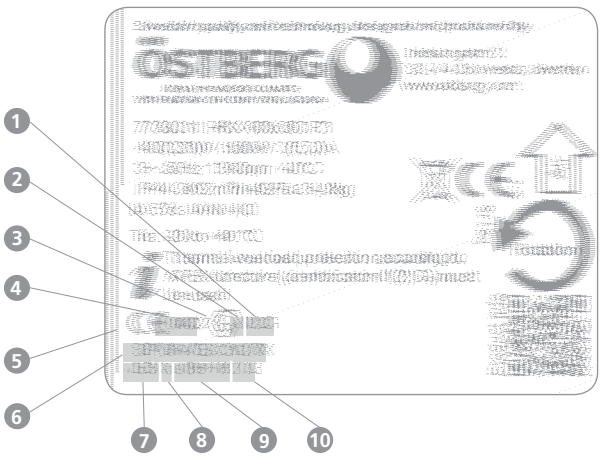
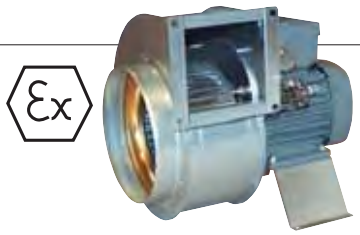
10. Temperature class **T3**. Can be used in gases with an ignition temperature ≥200°C.



RFTX 140 A ATEX

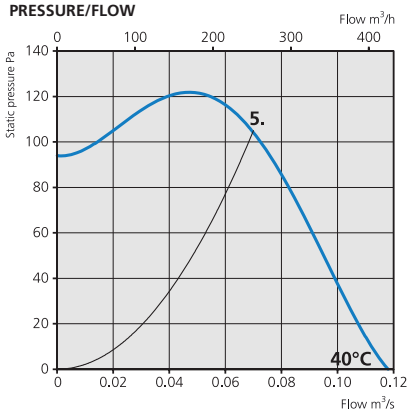


- Radial fan with circular inlet connection.
- The RFTX is a safe choice for numerous applications in hazardous locations.
- The fan is intended to transport gas in explosive environment.
- The fan can only be used in zone 1 and 2.
- The ATEX fan is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor AC motor is separated from the air stream and has maintenance-free sealed ball-bearings.
- Motor has insulation class F.
- Integrated junction box.
- Enclosure class of the motor is IP 55.
- External motor protection available as an accessory.
- 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.

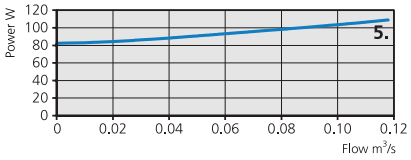
ACCESSORIES

- Mounting clamp, MK 160, simplifies the connection to duct and absorb vibrations
- Outlet flange 160, for connection to duct on the outlet side
- Safety grill, BSV/BSR
- Current sensitive external motor protection with corresponding ATEX classification

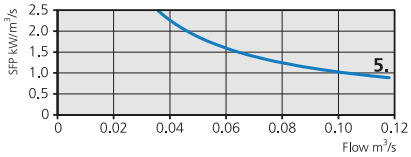
PRESSURE/FLOW



POWER/FLOW



SFP



TECHNICAL DATA

RFTX 140 A ATEX	**Art.no. 7730001**	
Marking	**II 2G, EX e IIB+H2 T3**	
Voltage	400/50	V/Hz
Phase	3	~
Current	0.52	A
Power	110	W
Speed	1300	rpm
Capacitor	-	µF
Max. temperature of transported air	40	C°
Max. temperature of transported air when speed controlled	Can not be speed controlled	
Sound pressure level at 3 m	49	dB(A)
Weight	7.8	kg
Wiring diagram	4040116	

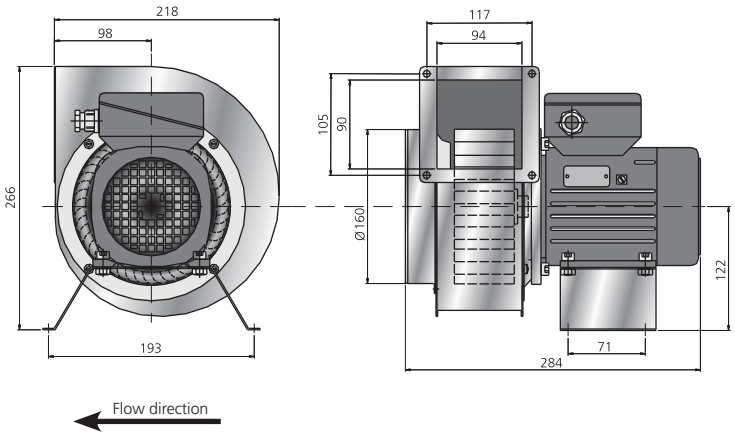
SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	49	56	30	25	39	47	54	52	40	39
5. Outlet 400V		58	44	53	53	52	51	43	37	26
5. Inlet 400V		57	40	52	52	52	49	46	38	26

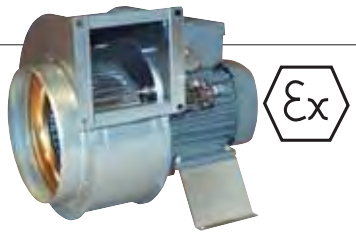
TRANSFORMER STEPS

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

DIMENSIONS (mm)



RFTX 140 C ATEX



ACCESSORIES

- Mounting clamp, MK 160, simplifies the connection to duct and absorb vibrations
- Outlet flange 160, for connection to duct on the outlet side
- Safety grill, BSV/BSR
- Current sensitive external motor protection with corresponding ATEX classification

- Radial fan with circular inlet connection.
- The RFTX is a safe choice for numerous applications in hazardous locations.
- 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 is separated from the air stream and has maintenance-free sealed ball-bearings.
- Motor has insulation class F.
- Integrated junction box.

- Enclosure class of the motor is IP 55.
- External motor protection available as an accessory.
- 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.

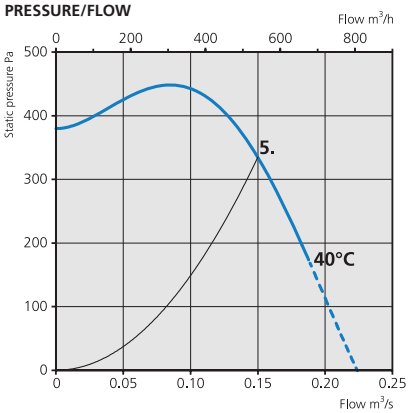
TECHNICAL DATA

RFTX 140 C ATEX	Art.no. 7730002	
Marking	**II 2G, EX e IIB+H2 T3**	
Voltage	400/50	V/Hz
Phase	3	~
Current	0.53	A
Power	300	W
Speed	2810	rpm
Capacitor	-	µF
Max. temperature of transported air	40	C°
Max. temperature of transported air when speed controlled	Can not be speed controlled	
Sound pressure level at 3 m	57	dB(A)
Weight	7.5	kg
Wiring diagram	4040116	

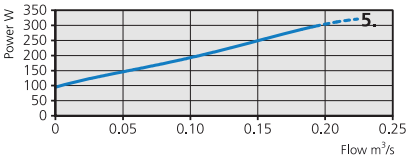
SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	57	64	34	35	51	55	60	60	57	51
5. Outlet 400V		81	64	75	76	74	71	72	64	59
5. Inlet 400V		76	58	65	72	72	67	68	62	56

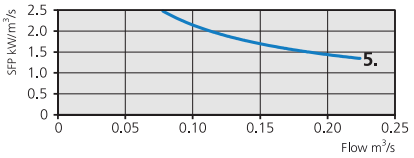
PRESSURE/FLOW



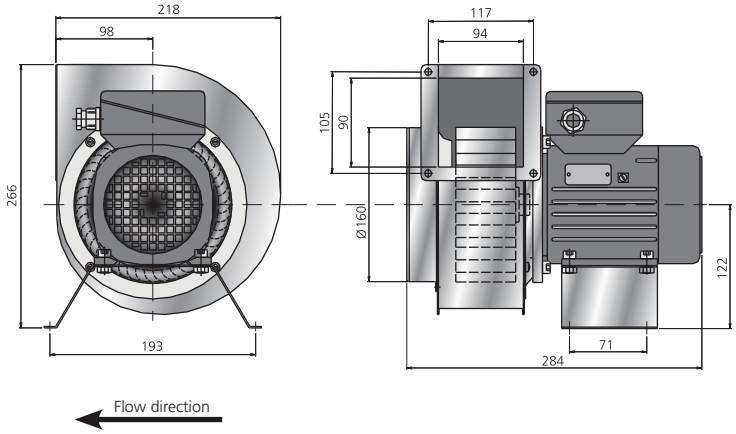
POWER/FLOW



SFP



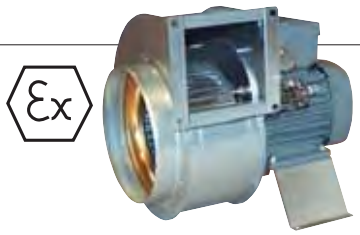
DIMENSIONS (mm)



TRANSFORMER STEPS

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

RFTX 160 A ATEX

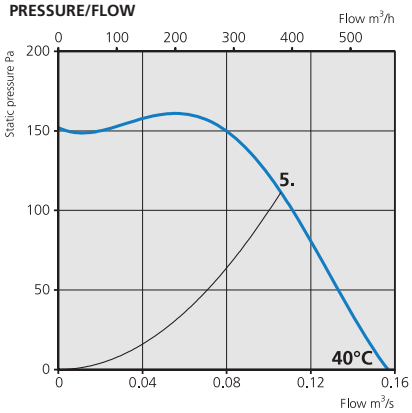


- Radial fan with circular inlet connection.
- The RFTX is a safe choice for numerous applications in hazardous locations.
- The fan is intended to transport gas in explosive environment.
- The fan can only be used in zone 1 and 2.
- The ATEX fan is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor AC motor is separated from the air stream and has maintenance-free sealed ball-bearings.
- Motor has insulation class F.
- Integrated junction box.
- Enclosure class of the motor is IP 55.
- External motor protection available as an accessory.
- 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.

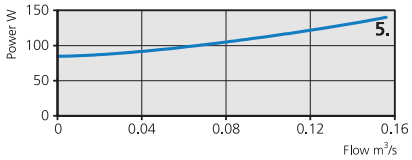
ACCESSORIES

- Mounting clamp, MK 160, simplifies the connection to duct and absorb vibrations
- Outlet flange 160, for connection to duct on the outlet side
- Safety grill, BSV/BSR
- Current sensitive external motor protection with corresponding ATEX classification

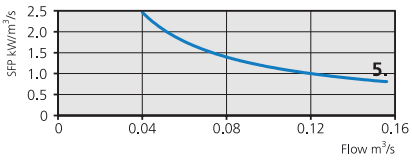
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

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

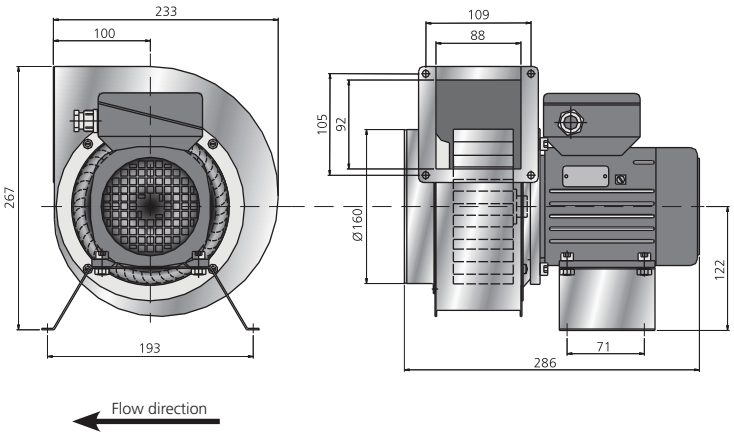
TECHNICAL DATA

RFTX 160 A ATEX	**Art.no. 7730004**	
Marking	**II 2G, EX e IIB+H2 T3**	
Voltage	400/50	V/Hz
Phase	3	~
Current	0.53	A
Power	143	W
Speed	1300	rpm
Capacitor	-	µF
Max. temperature of transported air	40	C°
Max. temperature of transported air when speed controlled	Can not be speed controlled	
Sound pressure level at 3 m	50	dB(A)
Weight	8.0	kg
Wiring diagram	4040116	

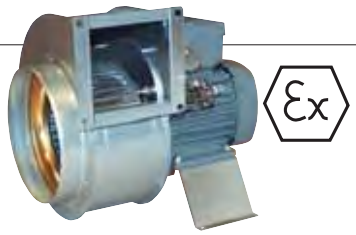
SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	50	57	29	28	39	48	52	54	43	40
5. Outlet 400V		64	50	56	58	57	59	53	48	40
5. Inlet 400V		63	50	56	58	57	56	53 4	7	37

DIMENSIONS (mm)



RFTX 160 C ATEX



ACCESSORIES

- Mounting clamp, MK 160, simplifies the connection to duct and absorb vibrations
- Outlet flange 160, for connection to duct on the outlet side
- Safety grill, BSV/BSR
- Current sensitive external motor protection with corresponding ATEX classification

- Radial fan with circular inlet connection.
- The RFTX is a safe choice for numerous applications in hazardous locations.
- 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 is separated from the air stream and has maintenance-free sealed ball-bearings.
- Motor has insulation class F.
- Integrated junction box.

- Enclosure class of the motor is IP 55.
- External motor protection available as an accessory.
- 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.

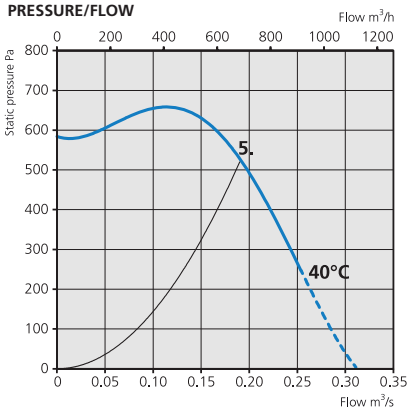
TECHNICAL DATA

RFTX 160 C ATEX	**Art.no. 7730003**	
Marking	**II 2G, EX e IIB+H2 T3**	
Voltage	400/50	V/Hz
Phase	3	~
Current	0.97	A
Power	590	W
Speed	2740	rpm
Capacitor	-	µF
Max. temperature of transported air	40	C°
Max. temperature of transported air when speed controlled	Can not be speed controlled°	
Sound pressure level at 3 m	61	dB(A)
Weight	9.6	kg
Wiring diagram	4040116	

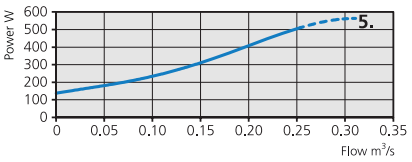
SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	61	68	43	35	54	58	62	64	62	54
5. Outlet 400V		84	71	78	80	77	73	72	67	61
5. Inlet 400V		78	59	66	74	73	70	69	65	57

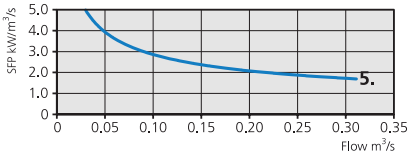
PRESSURE/FLOW



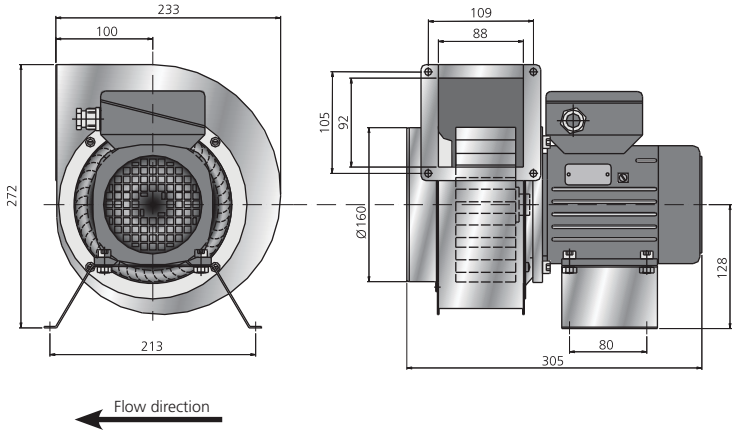
POWER/FLOW



SFP



DIMENSIONS (mm)

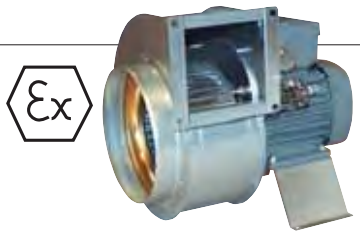


TRANSFORMER STEPS

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

EXPLOSION PROOF ATEX CERTIFIED RADIAL FAN

RFTX 200 A ATEX



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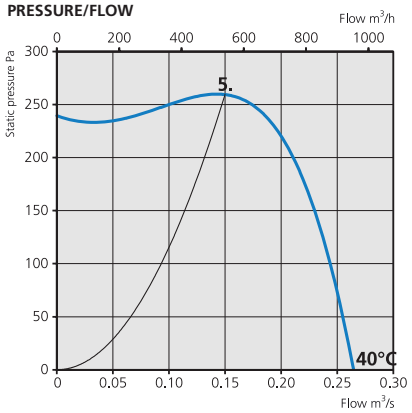
- The ATEX fan is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor AC motor is separated from the air stream and has maintenance-free sealed ball-bearings.
- Motor has insulation class F.
- Integrated junction box.
- Enclosure class of the motor is IP 55.
- External motor protection available as an accessory.
- 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.

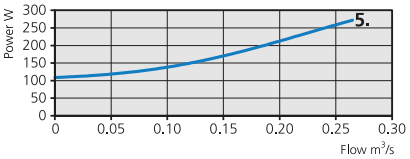
ACCESSORIES

- Mounting clamp, MK 200, simplifies the connection to duct and absorb vibrations
- Outlet flange 200, for connection to duct on the outlet side
- Safety grill, BSV/BSR
- Current sensitive external motor protection with corresponding ATEX classification

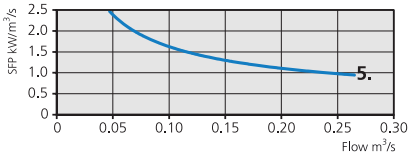
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

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

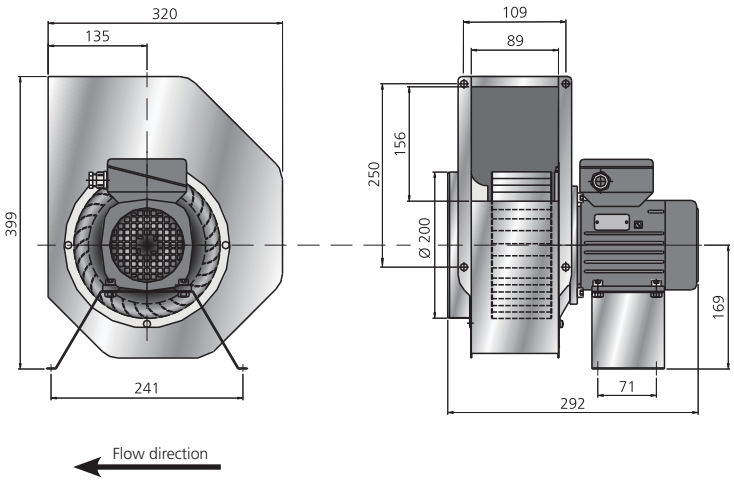
TECHNICAL DATA

RFTX 200 A ATEX	**Art.no. 7730005**	
Marking	**II 2G, EX e IIB+H2 T3**	
Voltage	400/50	V/Hz
Phase	3	~
Current	0.60	A
Power	270	W
Speed	1300	rpm
Capacitor	-	µF
Max. temperature of transported air	40	C°
Max. temperature of transported air when speed controlled	Can not be speed controlled	
Sound pressure level at 3 m	51	dB(A)
Weight	9.2	kg
Wiring diagram	4040116	

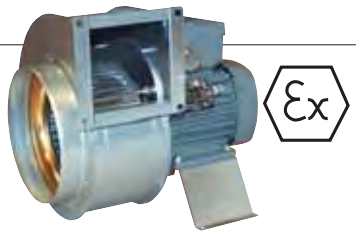
SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	51	58	29	30	43	51	54	54	48	44
5. Outlet 400V		70	61	63	61	61	64	60	60	52
5. Inlet 400V		68	59	60	57	60	63	60	57	49

DIMENSIONS (mm)



RFTX 200 B ATEX



ACCESSORIES

- Mounting clamp, MK 200, simplifies the connection to duct and absorb vibrations
- Outlet flange 200, for connection to duct on the outlet side
- Safety grill, BSV/BSR
- Current sensitive external motor protection with corresponding ATEX classification

- Radial fan with circular inlet connection.
- The RFTX is a safe choice for numerous applications in hazardous locations.
- 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 is separated from the air stream and has maintenance-free sealed ball-bearings.
- Motor has insulation class F.
- Integrated junction box.

- Enclosure class of the motor is IP 55.
- External motor protection available as an accessory.
- 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.

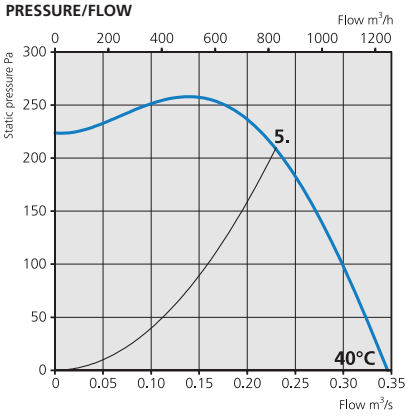
TECHNICAL DATA

RFTX 200 B ATEX	Art.no. 7730006	
Marking	**II 2G, EX e IIB+H2 T3**	
Voltage	400/50	V/Hz
Phase	3	~
Current	0.79	A
Power	388	W
Speed	1380	rpm
Capacitor	-	µF
Max. temperature of transported air	40	C°
Max. temperature of transported air when speed controlled	Can not be speed controlled	
Sound pressure level at 3 m	53	dB(A)
Weight	10.9	kg
Wiring diagram	4040116	

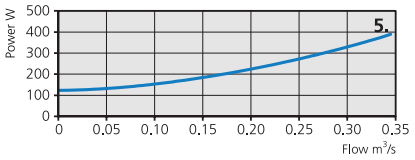
SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	53	60	33	32	46	53	56	54	50	47
5. Outlet 400V		76	65	71	70	65	68	64	64	57
5. Inlet 400V		74	62	69	68	63	67	64	61	54

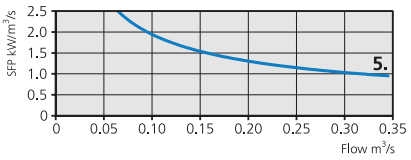
PRESSURE/FLOW



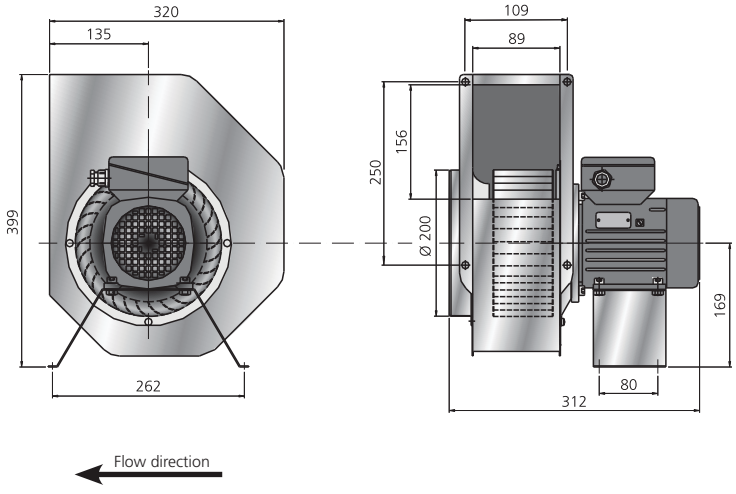
POWER/FLOW



SFP



DIMENSIONS (mm)

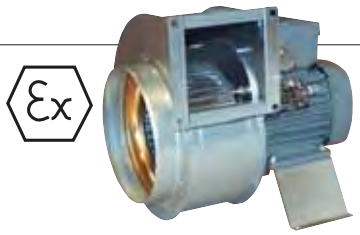


TRANSFORMER STEPS

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

EXPLOSION PROOF ATEX CERTIFIED RADIAL FAN

RFTX 200 C ATEX

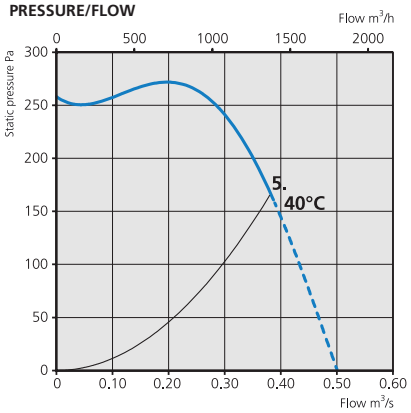


- Radial fan with circular inlet connection.
- The RFTX is a safe choice for numerous applications in hazardous locations.
- The fan is intended to transport gas in explosive environment.
- The fan can only be used in zone 1 and 2.
- The ATEX fan is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor AC motor is separated from the air stream and has maintenance-free sealed ball-bearings.
- Motor has insulation class F.
- Integrated junction box.
- Enclosure class of the motor is IP 55.
- External motor protection available as an accessory.
- 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.

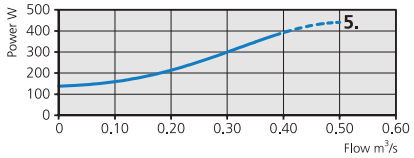
ACCESSORIES

- Mounting clamp, MK 200, simplifies the connection to duct and absorb vibrations
- Outlet flange 200, for connection to duct on the outlet side
- Safety grill, BSV/BSR
- Current sensitive external motor protection with corresponding ATEX classification

PRESSURE/FLOW



POWER/FLOW



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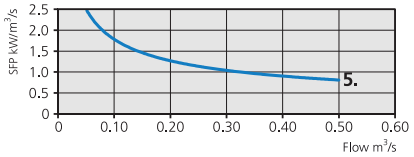


TRANSFORMER STEPS

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

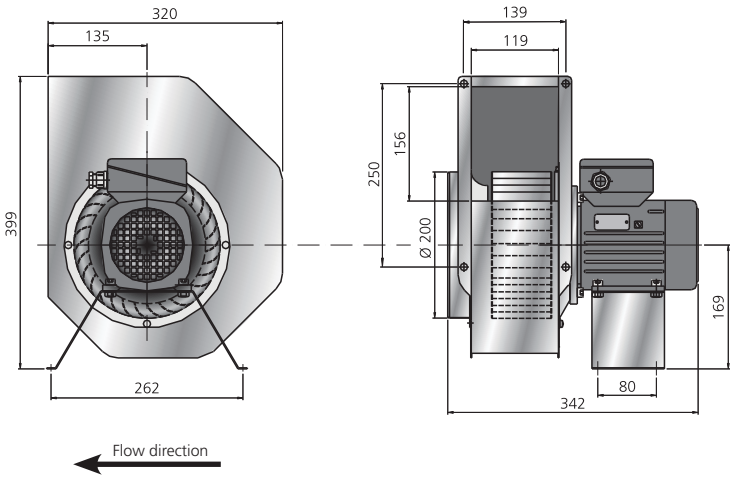
TECHNICAL DATA

RFTX 200 C ATEX	**Art.no. 7730007**	
Marking	**II 2G, EX e IIB+H2 T3**	
Voltage	400/50	V/Hz
Phase	3	~
Current	0.79	A
Power	385	W
Speed	1380	rpm
Capacitor	-	µF
Max. temperature of transported air	40	C°
Max. temperature of transported air when speed controlled	Can not be speed controlled	
Sound pressure level at 3 m	57	dB(A)
Weight	11.3	kg
Wiring diagram	4040116	

SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	57	64	38	38	51	56	60	58	55	50
5. Outlet 400V		86	68	79	84	75	73	69	66	59
5. Inlet 400V		82	67	77	80	73	71	67	64	57

DIMENSIONS (mm)



RADIAL FAN

Diameter impeller (mm)

RFTX 160 A

Radial
Forward curved impeller
3-phase
ATEX

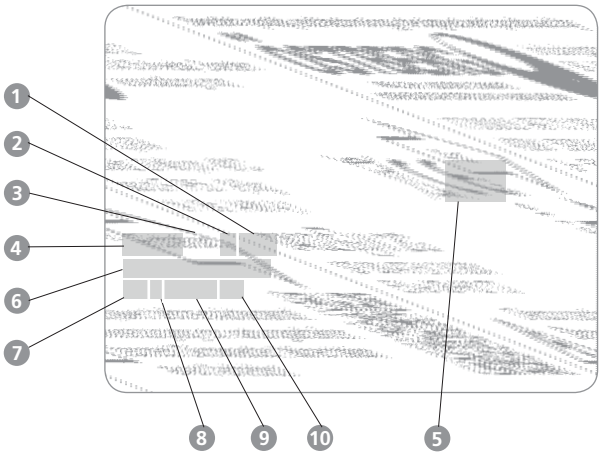
AC= Asynchronous fan motor
EC= Low energy fan motor

Capacity (**A/B/C**)

RFTX **360**
The RFTX range of radial fans complies with ATEX standards, the technical standard for explosion proof fans. The non-sparking inlet cone is made from copper and the motor is separated from the air stream.
RFTX is available with AC motor.
Airflows up to 1.800 m³/h (0.50 m³/s).

MARKING SIGNS

1. Category **2** = zone **1** & **2**, **G** = gas. Danger zone where explosive gas can occur temporary during normal operation.
2. Equipment group **II** (not for mines).
3. Symbol for explosion proof material.
4. SP notified body number.
5. Certified with European standards (CENELEC standard).
6. Certified number.
7. Explosion proof material.
8. Increased security = Sparks do not appear in the equipment.
9. Explosion group: **IIB** (ethylene gas) + **H2** (hydrogen gas).
10. Temperature class **T3**. Can be used in gases with an ignition temperature ≥200°C.



DUCT FAN WITH RECTANGULAR CONNECTIONS

Dimension (mm)

RKX 500x250 D3

Rectangular
Duct fan
ATEX

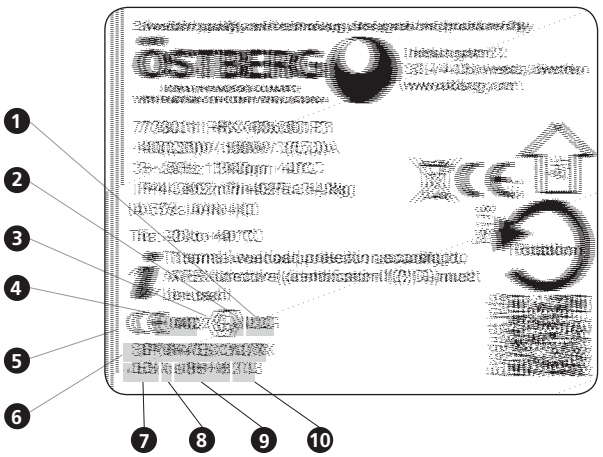
3-phase

Capacity (**B/D/E/F**)

RKX **368**
The RKX range of duct fans complies with ATEX standards, the technical standard for explosion proof fans. RKX is a duct fan with rectangular connections which is a refinement of our RK range. The inlet cone is manufactured from non-sparking copper and the RKX is powered by a high quality ATEX approved motor. This makes this fans a safe choice for a number of different applications within the industry.
With swing-out design as standard makes the fan easy to maintain and clean.
RKX is available with AC motor.
Airflows up to 4.800 m³/h (1.30 m³/s).

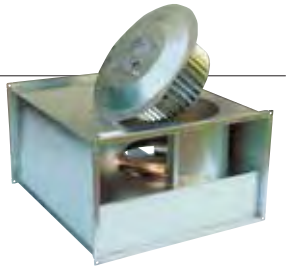
MARKING SIGNS

1. Category **2** = zone **1** & **2**, **G** = gas. Danger zone where explosive gas can occur temporary during normal operation.
2. Equipment group **II** (not for mines).
3. Symbol for explosion proof material.
4. SP notified body number.
5. Certified with European standards (CENELEC standard).
6. Certified number.
7. Explosion proof material.
8. Increased security = Sparks do not appear in the equipment.
9. Explosion group: **IIB** (ethylene gas) + **H2** (hydrogen gas).
10. Temperature class **T3**. Can be used in gases with an ignition temperature ≥200°C.



EXPLOSION PROOF ATEX CERTIFIED DUCT FAN

RKX 500x250 D3 ATEX

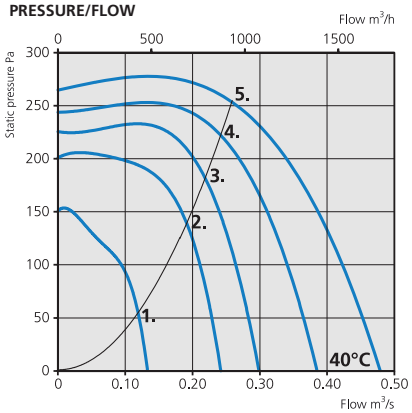


- Duct fan with rectangular connections.
- RKX is a refinement of RK and a safe choice for numerous applications within the industry.
- The fan is intended to transport gas in explosive environment.
- The fan can only be used in zone 1 and 2.
- The ATEX fan is not subject to the ErP directive.
- Impeller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

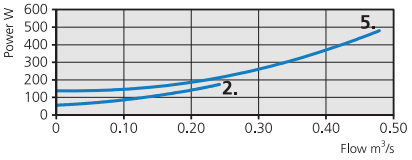
ACCESSORIES

- 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)

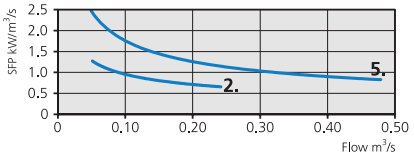
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

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

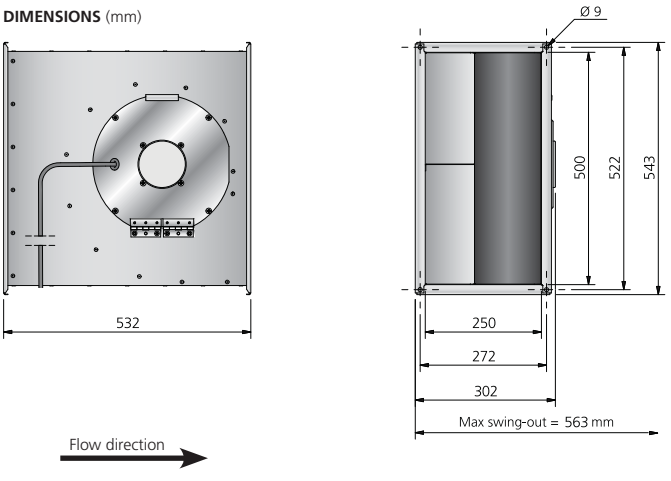
TECHNICAL DATA

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

DIMENSIONS (mm)



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)

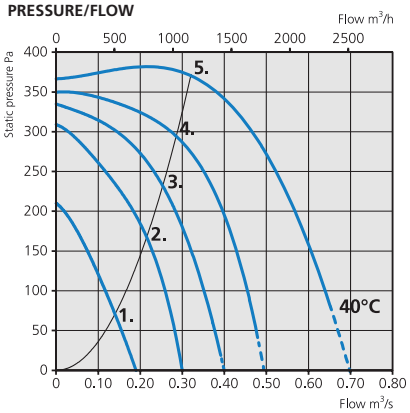
- Duct fan with rectangular connections.
- RKX is a refinement of RK and a safe choice for numerous applications within the industry.
- The fan is intended to transport gas in explosive environment.
- The fan can only be used in zone 1 and 2.
- The ATEX fan is not subject to the ErP directive.
- Impeller 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	

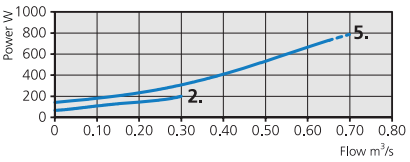
PRESSURE/FLOW



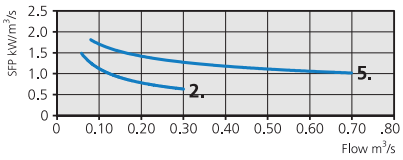
SOUND DATA

	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

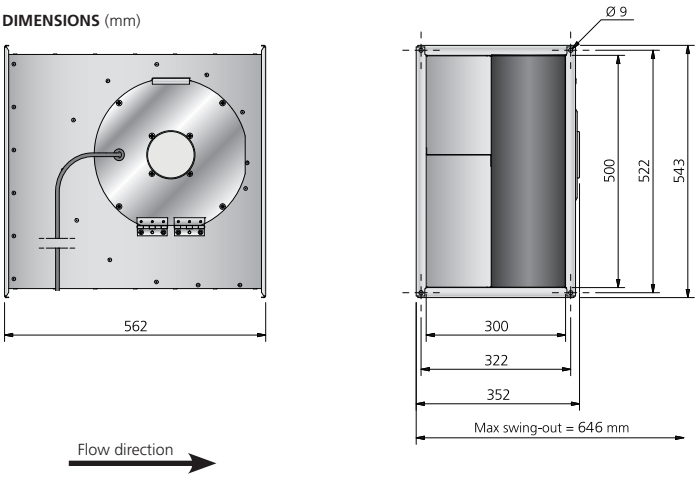
POWER/FLOW



SFP



DIMENSIONS (mm)

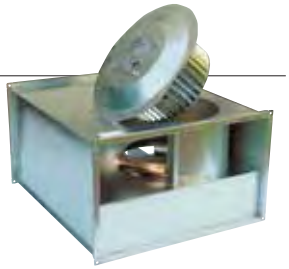


TRANSFORMER STEPS

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

EXPLOSION PROOF ATEX CERTIFIED DUCT FAN

RKX 600x300 F3 ATEX

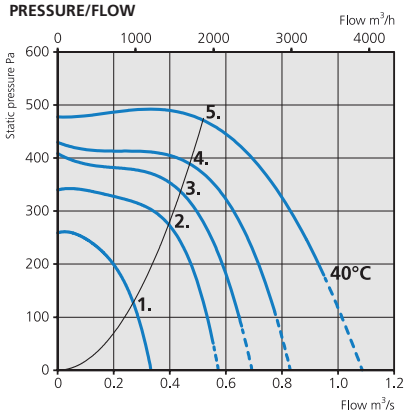


- Duct fan with rectangular connections.
- RKX is a refinement of RK and a safe choice for numerous applications within the industry.
- The fan is intended to transport gas in explosive environment.
- The fan can only be used in zone 1 and 2.
- The ATEX fan is not subject to the ErP directive.
- Impeller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

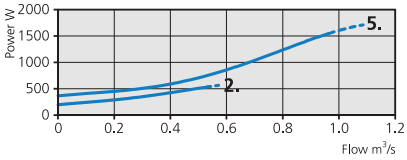
ACCESSORIES

- 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)

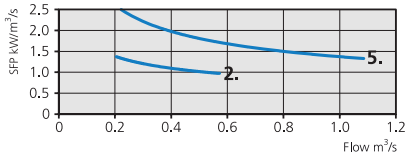
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

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

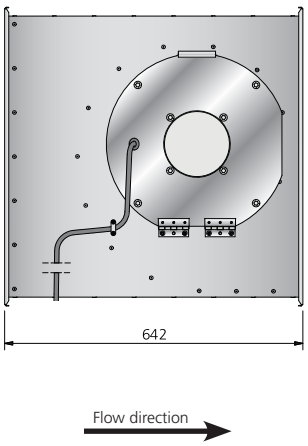
TECHNICAL DATA

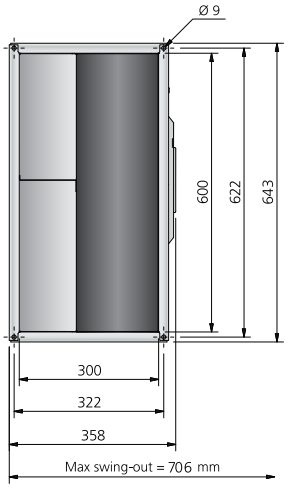
RKX 600x300 F3 ATEX	**Art.no. 7730011**	
Marking	**II 2G, EEX e IIB+H2 T3**	
Voltage	Y 400/Δ 230 / 50	V/Hz
Phase	3	~
Current	3.00 / 5.30	A
Power	1500	W
Speed	1340	rpm
Capacitor	-	µF
Max. temperature of transported air	40	C°
Max. temperature of transported air when speed controlled	40	C°
Sound pressure level at 3 m	60	dB(A)
Weight	34.8	kg
Wiring diagram	Y 4040004 / Δ 4040003	

SOUND DATA

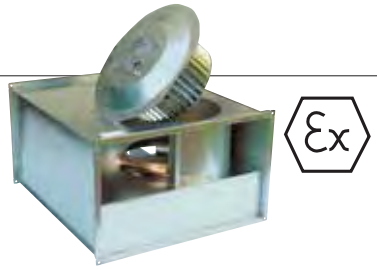
	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	60	67	50	54	59	58	63	60	57	52
5. Outlet 400V		86	67	70	75	75	80	80	79	74
5. Inlet 400V		78	66	71	70	65	72	70	69	64
4. Inlet 240V		78	65	69	70	64	72	70	69	65
3. Inlet 185V		76	64	67	68	63	70	68	68	63
2. Inlet 145V		73	62	64	65	61	67	65	65	59
1. Inlet 95V		65	56	57	58	55	58	57	56	47

DIMENSIONS (mm)





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.

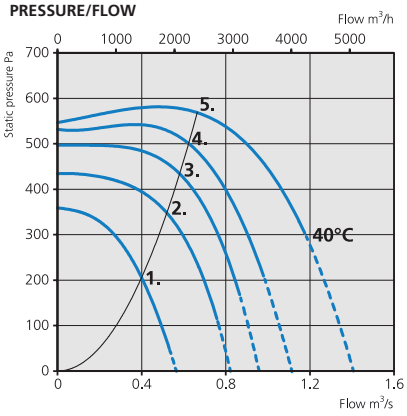
TECHNICAL DATA

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	

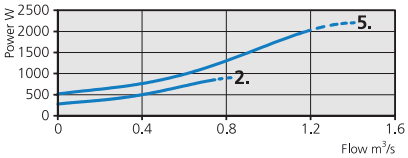
SOUND DATA

	L_{pA}	L_{wA} 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

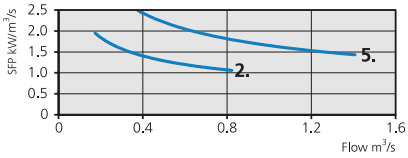
PRESSURE/FLOW



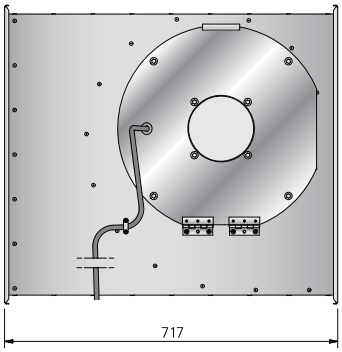
POWER/FLOW



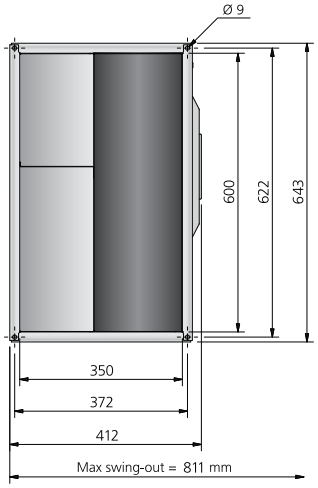
SFP



DIMENSIONS (mm)



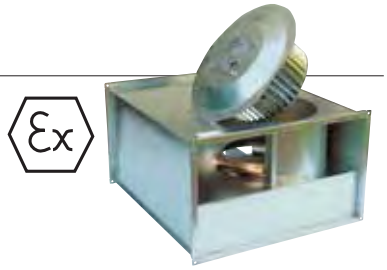
Flow direction



TRANSFORMER STEPS

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

RKX 700x400 B3 ATEX



- Duct fan with rectangular connections.
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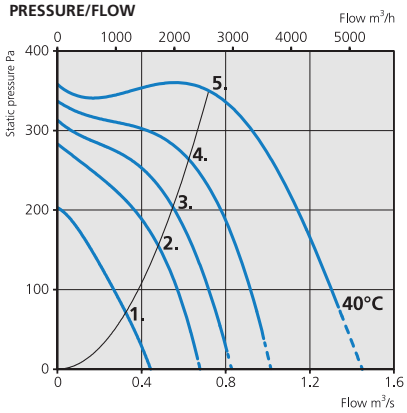
- The ATEX fan is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor AC motor has maintenance-free sealed ball-bearings.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- External motor protection and junction box are available as accessories.
- 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.

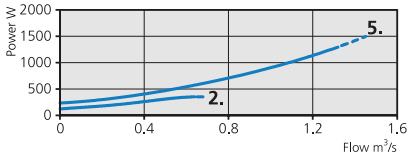
ACCESSORIES

- 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)

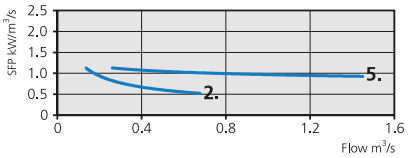
PRESSURE/FLOW



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	

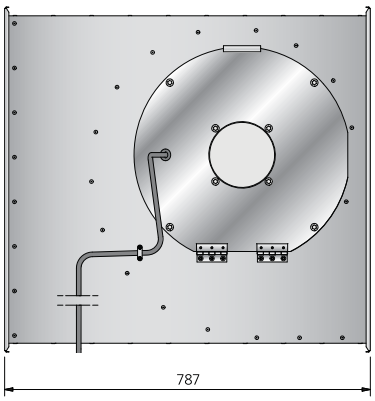
SOUND DATA

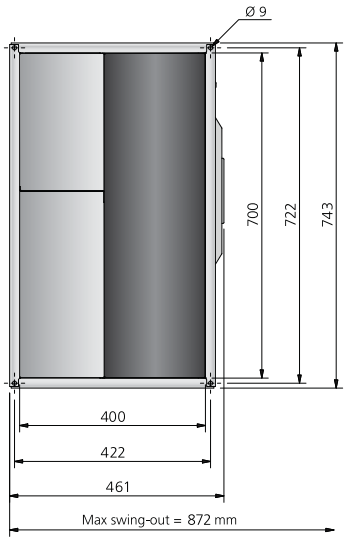
	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	55	62	45	52	52	55	56	53	51	46
5. Outlet 400V		81	70	69	72	73	74	74	73	67
5. Inlet 400V		73	64	65	64	61	67	65	64	58
4. Inlet 240V		72	61	62	63	62	66	64	63	56
3. Inlet 185V		69	58	59	61	59	62	61	60	51
2. Inlet 145V		64	54	55	57	54	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)





Flow direction