

## RFTX 140 A

### Description



The technical standard for explosion proof fans is called ATEX. C.A. Östberg was one of the first European fan producers to receive ATEX certification.

The RFTX range of fans complies with ATEX standards. The focus is on safety. Only top quality components are used.

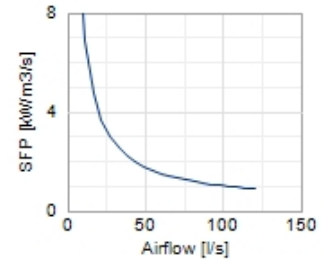
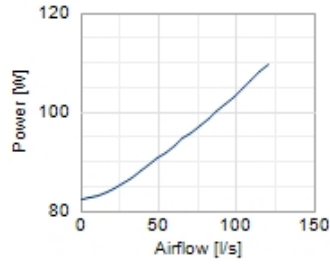
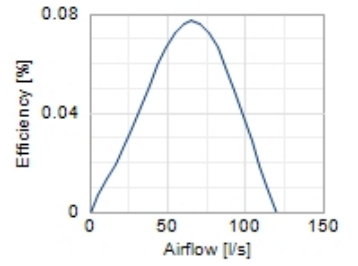
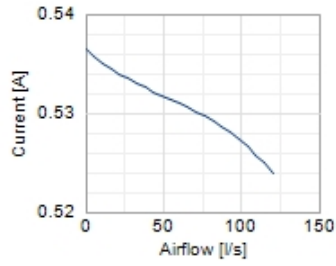
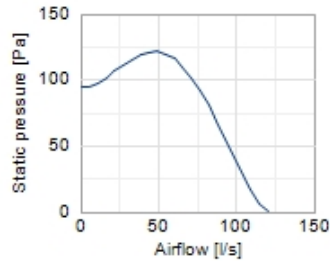
RFTX provides a non sparking performance, powered by a high quality motor which is separated from the air stream. This makes RFTX a safe choice for a number of different applications within the industry. Seven models are available ranging from 0.08 to 0.5 m<sup>3</sup>/s.

### Technical data

Parameter	Value	Unit
Voltage	400	V
Phase	3	~
Frequency	50	Hz
Power	110	W
Current	0,52	A
Speed	1300	r.p.m.
Max. temperature of transported air	40	°C
Max. temperature of transported air when speed controlled	40	°C
Sound pressure level at 3 m	49	dB(A)
Length	218	mm
Width	284	mm
Height	266	mm
Weight	7,8	kg
Enclosure class	55	IP
Insulation class, motor	F	

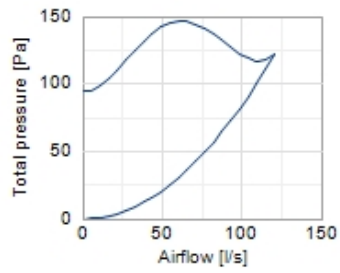
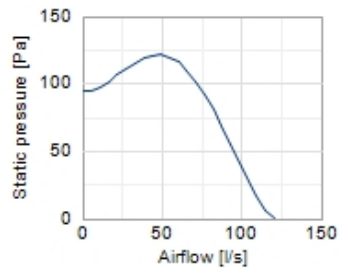
## Diagrams

User point
Airflow [l/s] <b>66,2</b>
Static pressure [Pa] <b>109</b>
Work point
Airflow [l/s] <b>66,2</b>
Static pressure [Pa] <b>109</b>
Power [W] <b>94,8</b>
Current [A] <b>0,531</b>
Speed [r.p.m.] -
Efficiency [%] <b>0,0775</b>
SFP [kW/m <sup>3</sup> /s] <b>1,4</b>
Voltage [V] <b>400</b>



## Sound

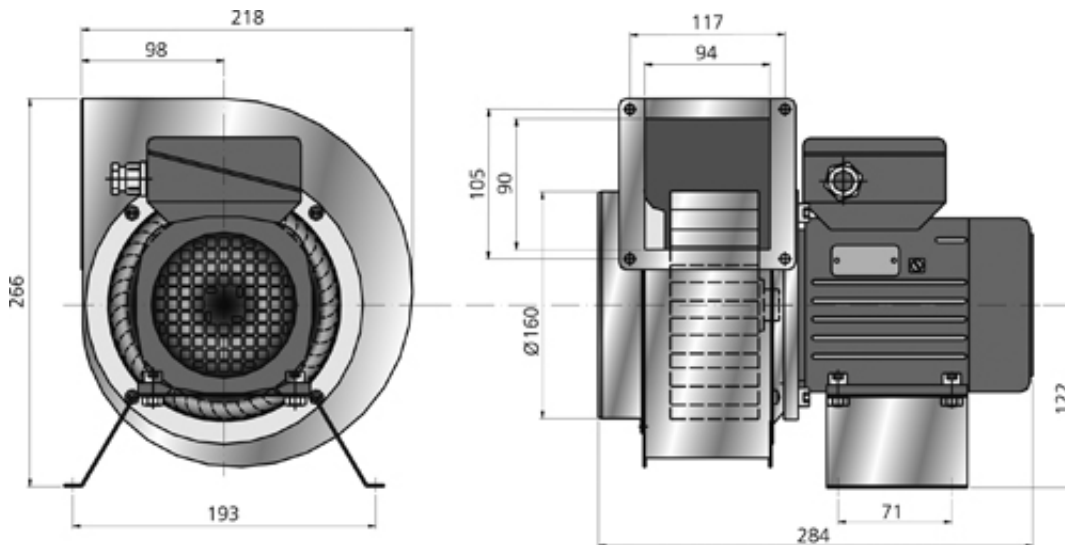
User point
Airflow [l/s]
<b>71</b>
Static pressure [Pa]
<b>102</b>
Work point
Airflow [l/s]
<b>71</b>
Static pressure [Pa]
<b>102</b>
Total pressure [Pa]
<b>144</b>
Power [W]
<b>95,9</b>
Current [A]
<b>0,53</b>
Speed [r.p.m.]
-
Efficiency [%]
<b>0,0762</b>
SFP [kW/m3/s]
<b>1,33</b>
Voltage [V]
<b>400</b>



Distance: 3  
Sound propagation: Hemispherical  
Equivalent absorption area: 20

	Tot	63	125	250	500	1k	2k	4k	8k
Inlet Lw dB(A)	58	39	52	52	52	49	46	38	26
Outlet Lw dB(A)	59	42	53	53	52	51	43	37	26
Surrounding Lw dB(A)	57	28	25	39	47	54	52	40	39
Surrounding Lp dB(A)	50	22	19	33	41	48	45	34	33

## Dimensions



## Electric accessory



Motor protection  
0,40-0,63 A

## Accessory



Outlet pipe140  
A/C

## Documents

### Directions for use

1270109\_utg4\_RFTX\_sveng\_low.pdf

### EC Declarations

EC\_Decl\_1270109\_utg3\_RFTX\_sveng.pdf

### Product declarations

BVD10\_u1\_RFTX\_RKX.pdf

### ATEX Certificates

RFTX SP09ATEX3136X.pdf

IMPORTANT\_INFORMATION\_ATEX.pdf

ATEX\_SP07ATEX7124 20130618.pdf