

RFTX 140 C

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.

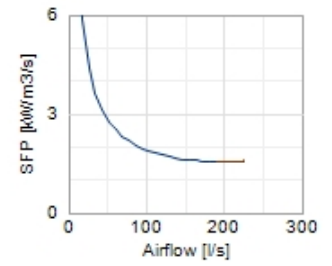
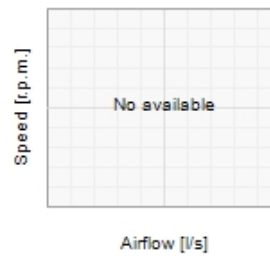
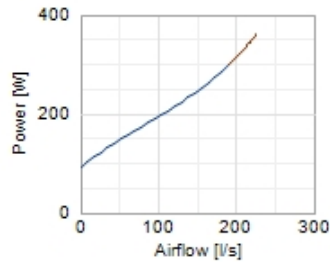
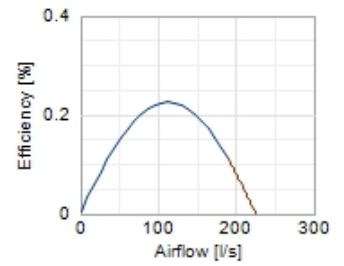
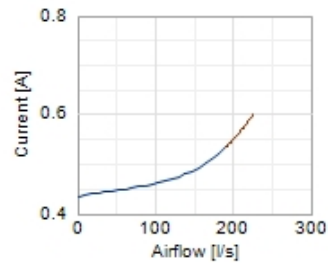
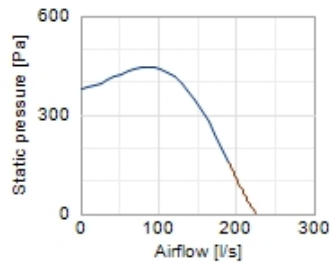
RFTX provides a non sparking performance, powered by a high quality motor which is separated from the air stream. This makes RFTX a safe choice for a number of different applications within the industry. Seven models are available ranging from 0.08 to 0.5 m³/s.

Technical data

| Parameter | Value | Unit |
|---|-------|--------|
| Voltage | 400 | V |
| Phase | 3 | ~ |
| Frequency | 50 | Hz |
| Power | 300 | W |
| Current | 0,53 | A |
| Speed | 2810 | 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 | 57 | dB(A) |
| Length | 218 | mm |
| Width | 284 | mm |
| Height | 266 | mm |
| Weight | 7,5 | kg |
| Enclosure class | 55 | IP |
| Insulation class, motor | F | |

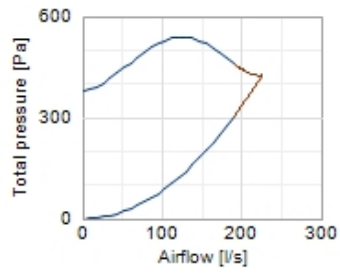
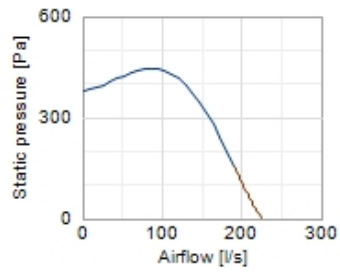
Diagrams

| |
|----------------------------|
| User point |
| Airflow [l/s] |
| 113 |
| Static pressure [Pa] |
| 429 |
| Work point |
| Airflow [l/s] |
| 113 |
| Static pressure [Pa] |
| 429 |
| Power [W] |
| 207 |
| Current [A] |
| 0,467 |
| Speed [r.p.m.] |
| - |
| Efficiency [%] |
| 0,226 |
| SFP [kW/m ³ /s] |
| 1,81 |
| Voltage [V] |
| 400 |



Sound

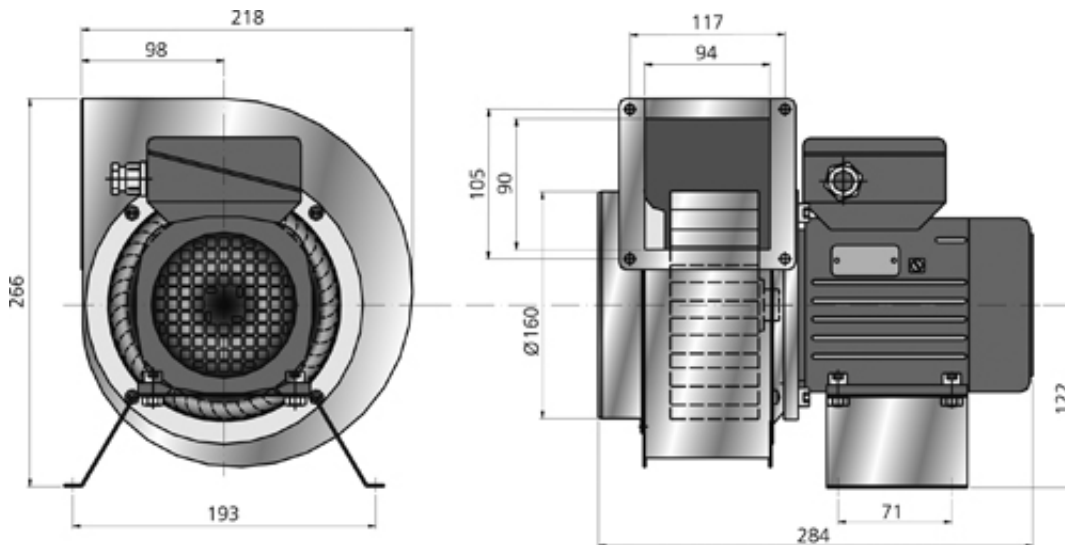
| |
|------------------------------------|
| User point |
| Airflow [l/s] 92 |
| Static pressure [Pa] 445 |
| Work point |
| Airflow [l/s] 91,9 |
| Static pressure [Pa] 445 |
| Total pressure [Pa] 516 |
| Power [W] 187 |
| Current [A] 0,459 |
| Speed [r.p.m.] - |
| Efficiency [%] 0,217 |
| SFP [kW/m3/s] 2 |
| Voltage [V] 400 |



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

| | Tot | 63 | 125 | 250 | 500 | 1k | 2k | 4k | 8k |
|----------------------|-----|----|-----|-----|-----|----|----|----|----|
| Inlet Lw dB(A) | 75 | 55 | 64 | 70 | 70 | 64 | 67 | 60 | 54 |
| Outlet Lw dB(A) | 78 | 60 | 68 | 72 | 73 | 69 | 70 | 62 | 57 |
| Surrounding Lw dB(A) | 64 | 32 | 35 | 50 | 55 | 59 | 60 | 56 | 50 |
| Surrounding Lp dB(A) | 58 | 25 | 28 | 43 | 48 | 52 | 53 | 50 | 43 |

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