



**For ATEX-sone 1/1, 22/22 og 21/21**

**Sentrifugalvifte** med lukket vifteblad, som brukes til punktavsug fra luftforurensende eller sponproduserende arbeidsprosesser. Transportert luft må ikke inneholde klebende eller klistrende damper, støv eller spon.

- Vifte og gnisthemmende foring er bygget etter norm EN 14986

**Arbeidsområde:**

Maks trykk: 5 800 Pa

Maks luftmengde: 32 500 m<sup>3</sup>/h

Maks støvmengde: 5 g/m<sup>3</sup>, ikke klebende

Temperatur: Utsuget luft (transportluft i vifte) = maks. 60 °C

Maks partikkelstørrelse: 5×5×5 mm, ikke klebende

Romtemperatur = maks. 40 °C

**Konstruksjon:**

Radialventilator med lukket ventilatorvinge monteret i fuldsveist stål kabinet og med direkte koblet motor.

**Model:** C (Transport of dust)

**Vinge:** Løbehjul type P-G. Lukket vinge med bagudrettede lige, selvrensende skovlblade  
Statisk/dynamisk afbalanceret jf. ISO 14694 (BV3 G 6,3)

**Hus:** Opsveist i 3 eller 4mm stålplate  
Gnisthæmmende forringe utført i kobber  
Ventilatorhuset kan monteres med varierende udløbspositioner (RD0, RD45 RD90, RD135, RD270 og RD 315)  
Standard lakering:  
Leveres standard i galvaniseret utførelse. Derefter pulverlakeret (RAL 5007).

**Motor:** B3+B5 flangemotor  
3x400V 50Hz (3-fasede motorer 3x400VAC kan med specialmotor frekvensreguleres. Motoren skal være mærket med frekvensreguleringsdata.)  
Motor zone 1: II 2G Exe - IIC T3 / II 2G Exde IIC T4  
Motor zone 22: II 3D Ex - IIB T120°C  
Motor zone 21: II 2D Ex h IIIB T120°C  
Ventilator type RV-A-C er fremstillet specielt for den udvalgte ATEX-zone og forsynet med ATEX-certifikat fra fabrik.

**Konstruert og testet i henhold til:**

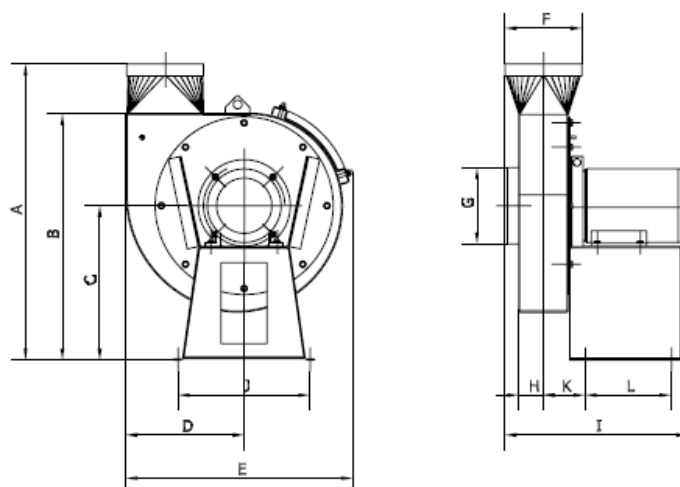
- Maskindirektivet 2006/42/EF
- ATEX-direktivet 2014/34/EU
- EMC-direktivet 2014/30/EU
- Lavspenningsdirektivet 2014/35/EU
- EN 1127-1
- EN 12100
- EN ISO 12499
- EN ISO 13857
- EN 14986
- EN 60529+A1+A2
- EN ISO 80079-36
- ISO 5801
- ISO 3746

- ISO 3746
- ISO 14694
- ISO 60204-1
- ISO 60079-(0+A11)-(1)-(7)-(14)-(15)-(31)
- IEC 60034-(1)-(2-1)-(5)-(6)-(7)-(8)-(9)-(12)-(14)-(30-1)

| Type         | Varenr.<br>ATEX zone<br>1 <sup>1)</sup> | Varenr.<br>ATEX zone<br>22 | Varenr.<br>ATEX zone<br>21 <sup>1)</sup> |
|--------------|-----------------------------------------|----------------------------|------------------------------------------|
| RV-A 35/1-C2 | 10 321 710                              | 10 322 320                 | 10 321 740                               |
| RV-A 35/2-C2 | 10 321 780                              | 10 322 370                 | 10 321 790                               |
| RV-A 35/3-C2 | 10 321 800                              | 10 322 420                 | 10 321 840                               |
| RV-A 45-C2   | 10 321 860                              | 10 322 470                 | 10 321 890                               |
| RV-A 50-C2   | 10 321 910                              | 10 322 520                 | 10 321 940                               |
| RV-A 60-C2   | 10 321 960                              | 10 322 570                 | 10 321 990                               |
| RV-A 70-C2   | 10 322 010                              | 10 322 620                 | 10 322 040                               |
| RV-A 80-C2   | -                                       | 10 322 955                 | -                                        |
| RV-A 85-C2   | -                                       | 10 322 965                 | -                                        |
| RV-A 90-C2   | -                                       | 10 322 975                 | -                                        |
| RV-A 35-C4   | 10 322 050                              | -                          | -                                        |
| RV-A 45-C4   | 10 322 110                              | -                          | -                                        |
| RV-A 50-C4   | 10 322 160                              | -                          | -                                        |
| RV-A 60-C4   | 10 322 210                              | -                          | -                                        |
| RV-A 70-C4   | 10 322 260                              | -                          | -                                        |

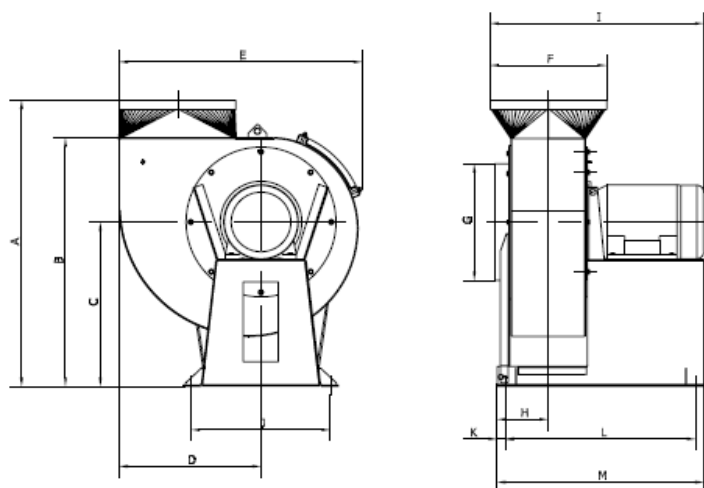
<sup>1)</sup> DTI Ref. no. 2017-1-0262A

| Type         | Volt<br>[V] | Polet | [kW]  | Max. amp. | Startstrøm | Vægt<br>[kg] |
|--------------|-------------|-------|-------|-----------|------------|--------------|
| RV-A 35/1-C2 | 3x400       | 2     | 3,00  | 6,00      | 50,50      | 79,0         |
| RV-A 35/2-C2 | 3x400       | 2     | 4,00  | 7,70      | 63,00      | 91,0         |
| RV-A 35/3-C2 | 3x400       | 2     | 5,50  | 11,50     | 88,20      | 104,0        |
| RV-A 45-C2   | 3x400       | 2     | 7,50  | 14,50     | 113,40     | 125,0        |
| RV-A 50-C2   | 3x400       | 2     | 11,00 | 20,60     | 158,00     | 145,0        |
| RV-A 60-C2   | 3x400       | 2     | 15,00 | 27,80     | 216,00     | 225,0        |
| RV-A 70-C2   | 3x400       | 2     | 22,00 | 39,90     | 319,80     | 280,0        |
| RV-A 80-C2   | 3x400       | 2     | 30,00 | 53,50     | 397,50     | 355,0        |
| RV-A 85-C2   | 3x400       | 2     | 37,00 | 64,00     | 487,50     | 370,0        |
| RV-A 90-C2   | 3x400       | 2     | 45,00 | 78,50     | 592,80     | 450,0        |
| RV-A 35-C4   | 3x400       | 4     | 0,75  | 2,10      | 10,62      | 62,0         |
| RV-A 45-C4   | 3x400       | 4     | 1,10  | 2,70      | 14,30      | 76,0         |
| RV-A 50-C4   | 3x400       | 4     | 1,50  | 3,40      | 22,44      | 82,0         |
| RV-A 60-C4   | 3x400       | 4     | 2,20  | 4,95      | 33,58      | 125,0        |
| RV-A 70-C4   | 3x400       | 4     | 3,00  | 6,65      | 44,53      | 141,0        |



| Type         | A    | B   | C   | D   | E   | F    | G    | H   | I   | J   | K   | L   |
|--------------|------|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|
| RV-A 35/1-C2 | 928  | 766 | 465 | 385 | 740 | ø250 | ø250 | 66  | 543 | 375 | 127 | 235 |
| RV-A 35/2-C2 | 928  | 766 | 465 | 385 | 740 | ø250 | ø250 | 73  | 532 | 375 | 134 | 235 |
| RV-A 35/3-C2 | 966  | 804 | 503 | 385 | 740 | ø250 | ø250 | 80  | 594 | 430 | 136 | 280 |
| RV-A 45-C2   | 1012 | 829 | 515 | 465 | 863 | ø315 | ø315 | 137 | 737 | 500 | 193 | 300 |
| RV-A 50-C2   | 1017 | 829 | 515 | 507 | 886 | ø400 | ø400 | 161 | 870 | 500 | 217 | 300 |
| RV-A 35-C4   | 966  | 804 | 503 | 385 | 740 | ø250 | ø250 | 80  | 571 | 430 | 136 | 280 |
| RV-A 45-C4   | 1012 | 829 | 515 | 465 | 863 | ø315 | ø315 | 137 | 737 | 500 | 193 | 300 |
| RV-A 50-C4   | 1017 | 829 | 515 | 507 | 886 | ø400 | ø400 | 161 | 870 | 500 | 217 | 300 |

Bemærk: Mål på studse er nippelmål

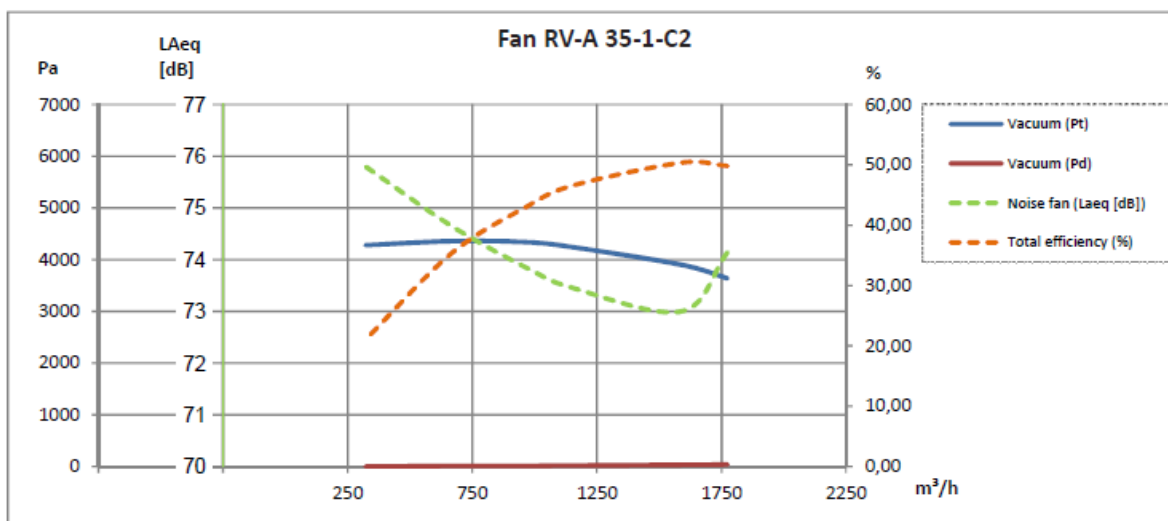


| Type       | A    | B    | C   | D   | E    | F    | G    | H   | I    | J   | K  | L   | M   |
|------------|------|------|-----|-----|------|------|------|-----|------|-----|----|-----|-----|
| RV-A 60-C2 | 1229 | 1066 | 705 | 610 | 1045 | ø500 | ø500 | 220 | 917  | 598 | 35 | 818 | 888 |
| RV-A 70-C2 | 1230 | 1066 | 705 | 674 | 1110 | ø630 | ø630 | 236 | 1089 | 598 | 35 | 850 | 920 |
| RV-A 80-C2 | 1398 | 1145 | 739 | 806 | 1279 | ø800 | ø800 | 249 | 1254 | 600 | 35 | 896 | 946 |
| RV-A 85-C2 | 1398 | 1145 | 739 | 806 | 1279 | ø800 | ø800 | 262 | 1266 | 600 | 35 | 901 | 971 |
| RV-A 90-C2 | 1398 | 1145 | 739 | 806 | 1279 | ø800 | ø800 | 274 | 1343 | 600 | 35 | 926 | 996 |
| RV-A 60-C4 | 1229 | 1066 | 706 | 610 | 1045 | ø500 | ø500 | 220 | 917  | 598 | 35 | 818 | 888 |
| RV-A 70-C4 | 1230 | 1066 | 705 | 674 | 1110 | ø630 | ø630 | 236 | 1087 | 598 | 35 | 850 | 920 |

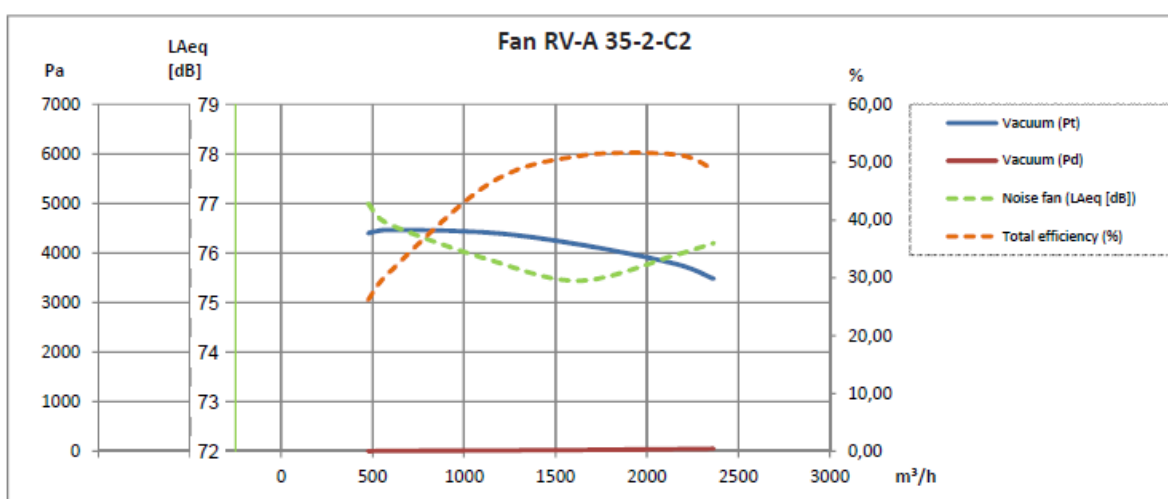
Bemærk: Mål på studse er nippelmål

Rev. 05.23 Ret til ændringer forbeholdes

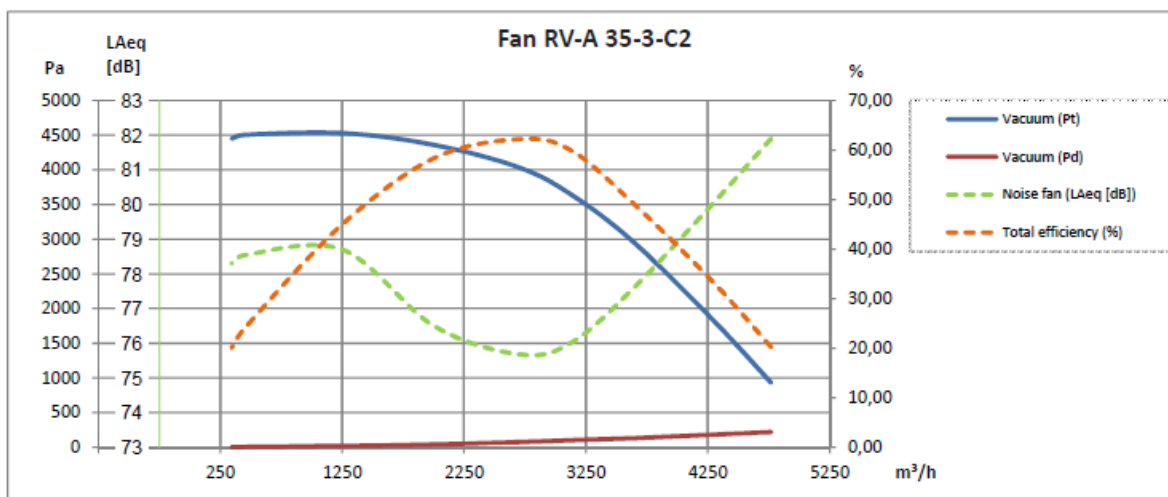
2-polet:



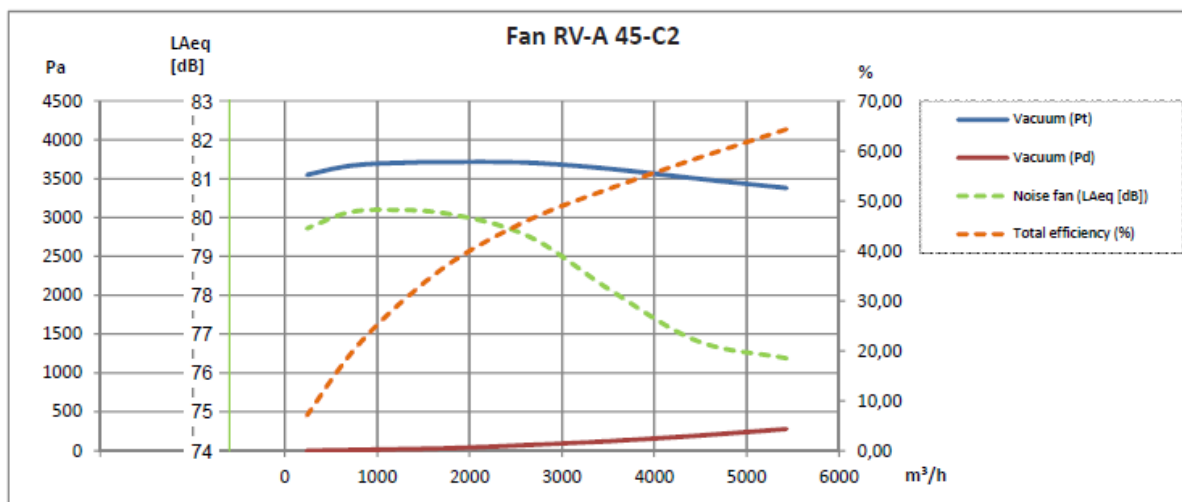
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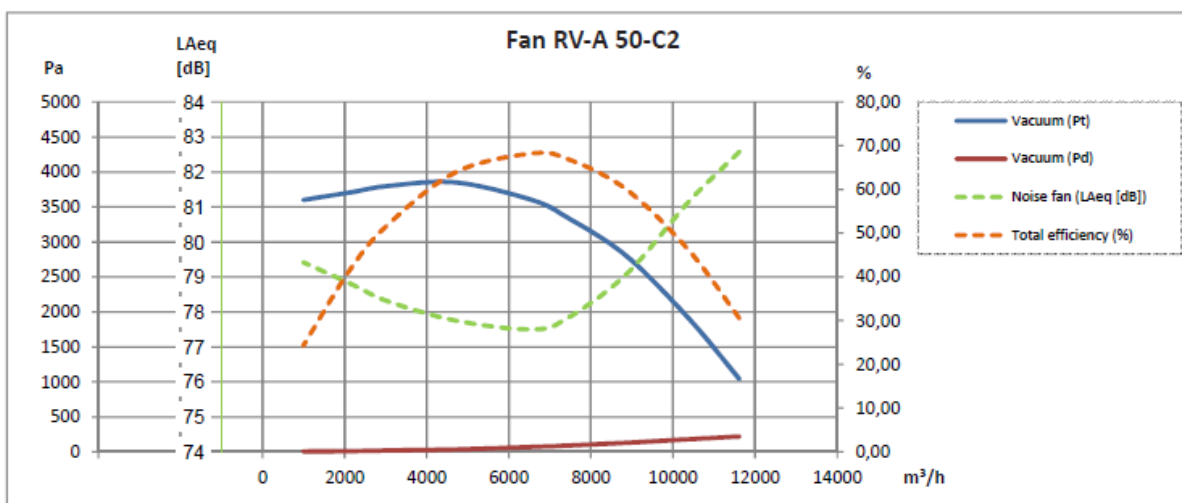
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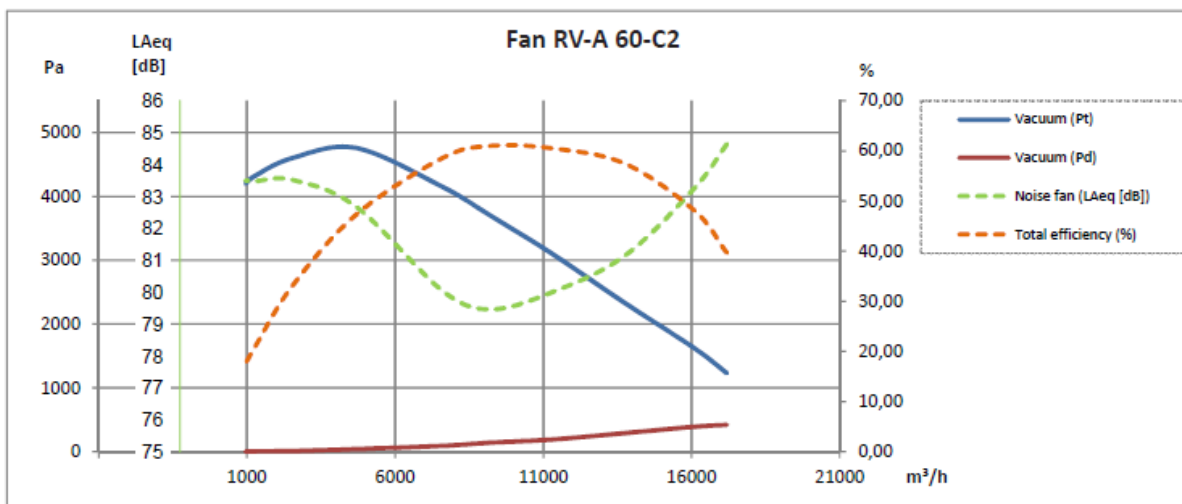
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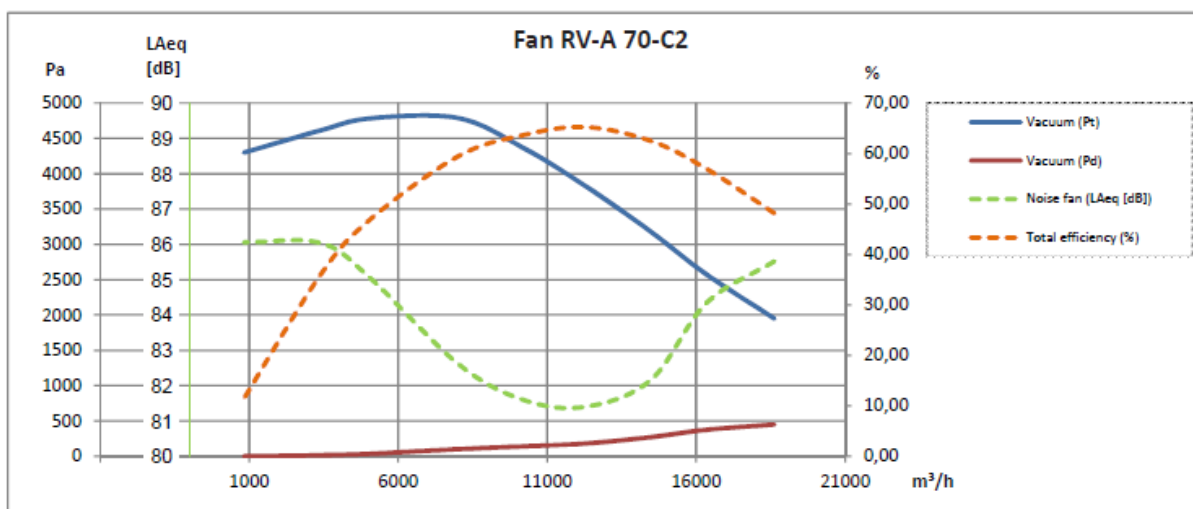
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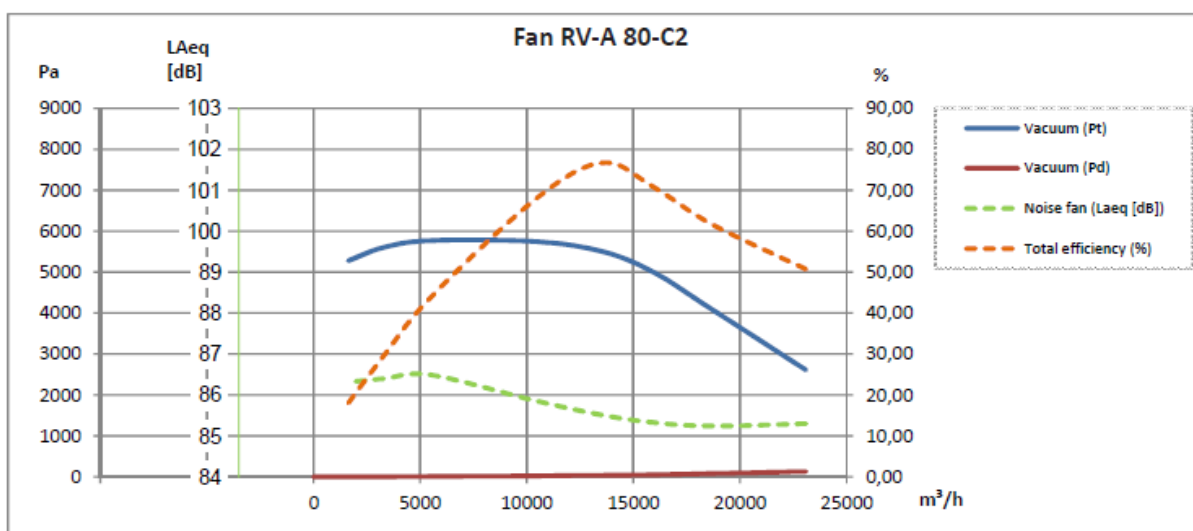
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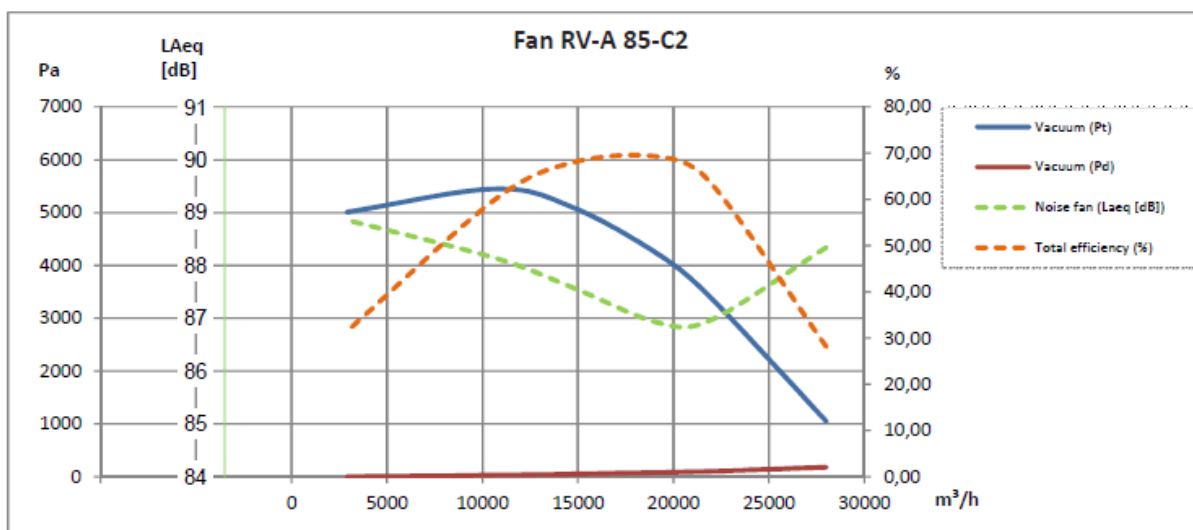
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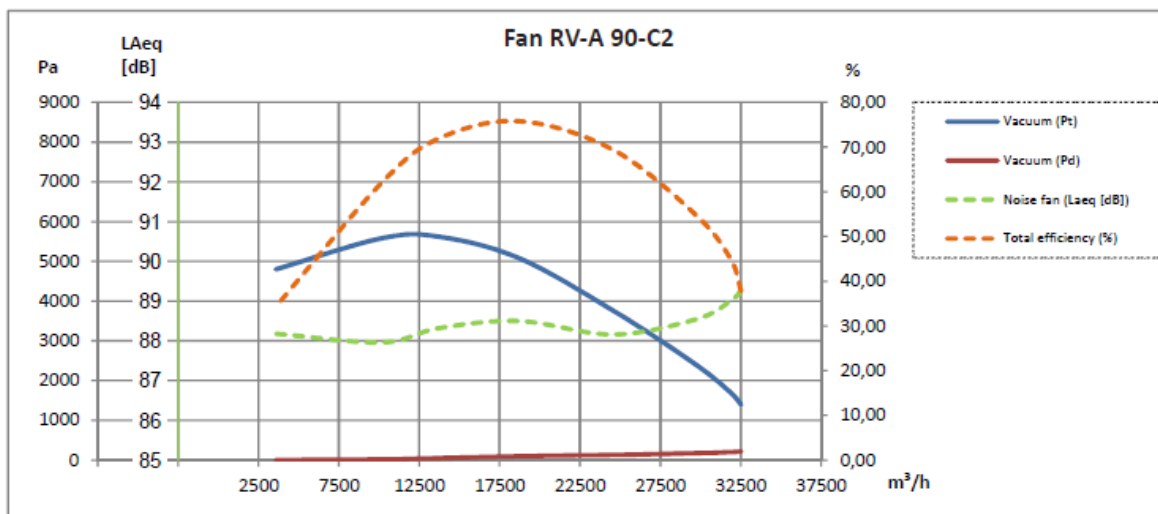
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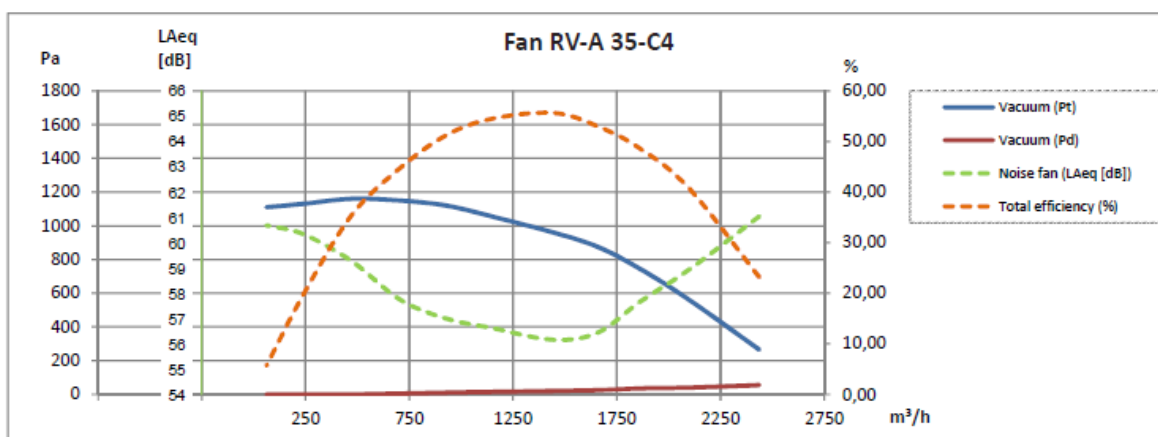
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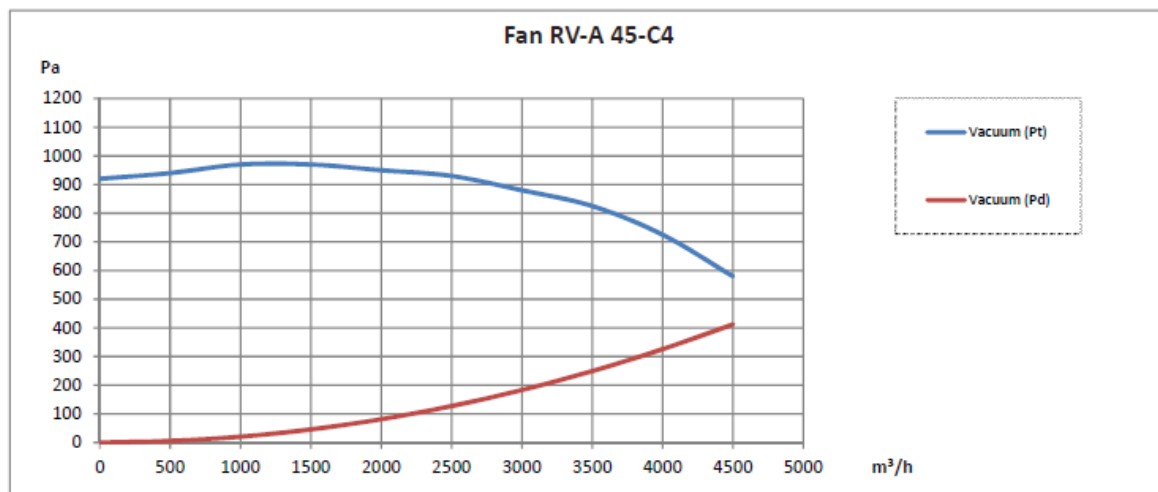
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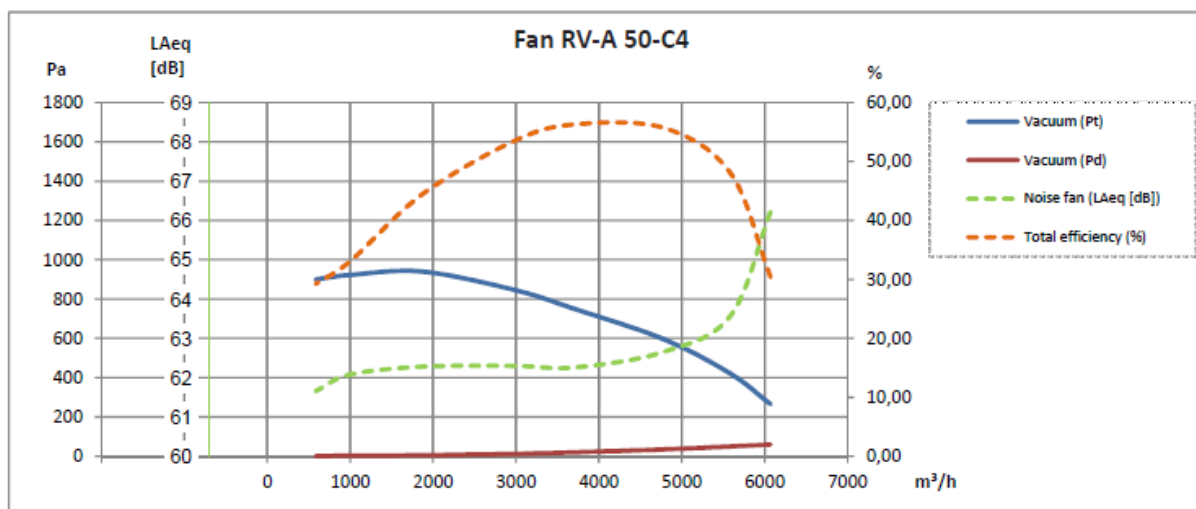
4-polet:



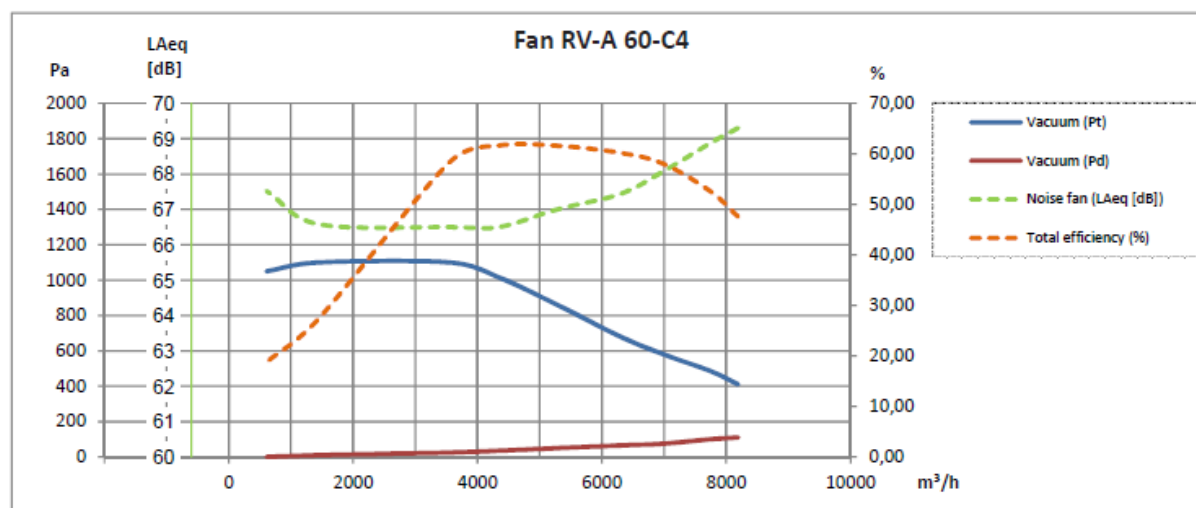
4-polet:



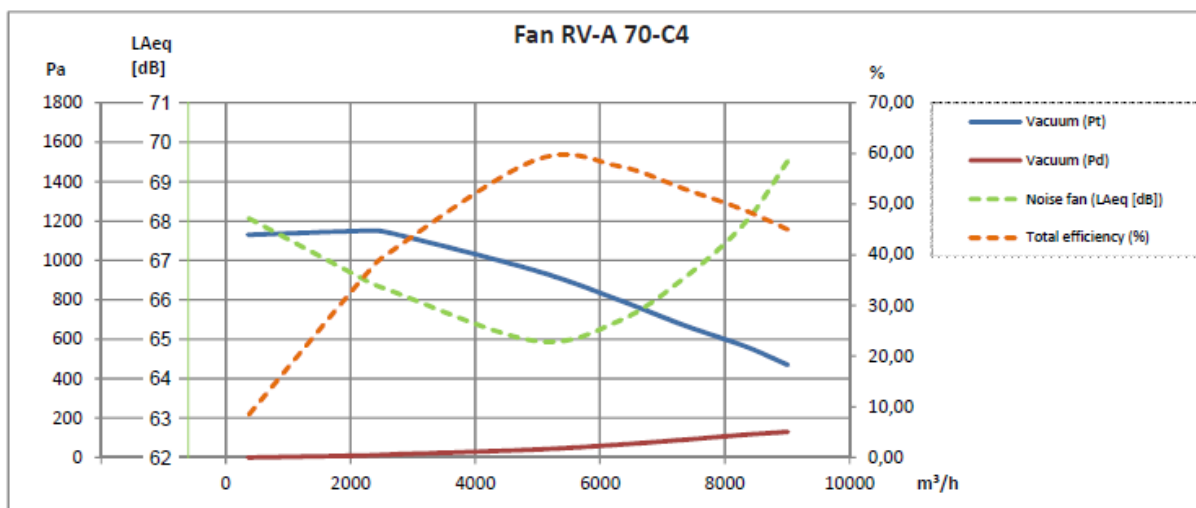
4-polet:



4-polet:



4-polet::



**Lyddæmningskabinet type VAB-A\* for ATEX-zone 1:**

| Type (Position RD0) | Varenr.    |
|---------------------|------------|
| RV-A 35/1-C2        | 10 330 860 |
| RV-A 35/2-C2        | 10 330 870 |
| RV-A 35/3-C2        | 10 330 850 |
| RV-A 35-C4          | 10 330 880 |
| RV-A 45-C2          | 10 330 910 |
| RV-A 45-C4          | 10 330 920 |
| RV-A 50-C2          | 10 330 950 |
| RV-A 50-C4          | 10 330 970 |
| RV-A 60-C2          | 10 331 000 |
| RV-A 60-C4          | 10 331 020 |
| RV-A 70-C2          | 10 331 050 |
| RV-A 70-C4          | 10 331 070 |

\* Kun for ren lufttransport



**Lyddæmningskabinet type VB/VAB-A\* for ATEX-zone 22/21:**

| Type (Position RD0) | Varenr.    |
|---------------------|------------|
| RV-A 35/1-C2        | 10 330 860 |
| RV-A 35/2-C2        | 10 330 870 |
| RV-A 35/3-C2        | 10 330 850 |
| RV-A 45-C2          | 10 330 900 |
| RV-A 50-C2          | 10 330 950 |
| RV-A 60-C2          | 10 331 000 |
| RV-A 70-C2          | 10 331 080 |
| RV-A 80-C2          | 10 331 100 |
| RV-A 85-C2          | 10 331 150 |
| RV-A 90-C2          | 03 449 000 |

\* Kun for ren lufttransport

