

## Centrifugal High Pressure Belt Driven Fans AATVM Series

- Fan made of Fe360 sheet. The fan paint finish is based on a Qualicoat polyester powder coating stoved at 200°C, with an average film thickness of 70 microns. Average heat resistance of coating is 180°C with peaks of 200°C.
- Fully welded housing.
- High efficiency simple inlet backward curved impeller made of Fe360 sheet statically and dynamically balanced. Impellers are painted with epoxy primer that resists temperatures up to 300°C.
- Motorized fan with basement (sist 12). Full equipped fans including: motor, pulleys, belts, belts guard and shaft guard. Fitted over a base plate.
- Standard orientation LG270.

### Under request:

60Hz fans and special voltages.  
2 speed motors.

Fan with free shaft (configuration 1) or with motor supported on the pedestal side (configuration 9).

Flameproof or explosionproof fans with ATEX certificated motors.

Fan for air working temperatures up to 350°C with R/R (cooling impeller).

Hot-dipped galvanised or stainless steel fans.

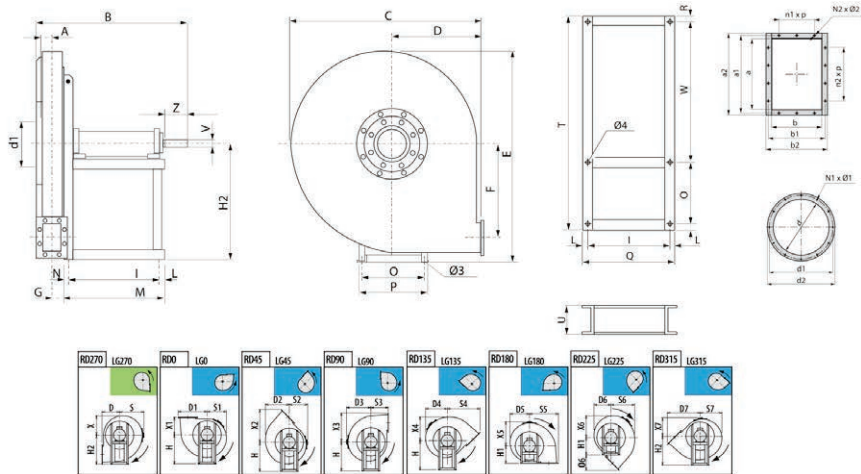


Designed for inline installation, they are suitable for Industrial applications, extraction or injection of air. Cooling of machines and parts. Clean and slightly dusty air transport. Exhaust after filters, separators and cyclones. Pneumatic transport. Maximum working temperature: carried air: 200°C, ambient: 60°C.

| Technical Characteristics AATVM Series |            |               |                                   |                       |                      |                 |
|--|------------|---------------|-----------------------------------|-----------------------|----------------------|-----------------|
| Type                                   | Power (kW) | RPM max.      | Air Flow (m <sup>3</sup> /h) max. | Sound db (A) (sist.1) | Weight (Kg) (sist.1) | Price* (sist.1) |
| AATVM 350 (sist.1)                     | 3,0        | 2.000 – 3.500 | 1.760                             | 59                    | 35,0                 | € 2.446,00      |
| AATVM 400 (sist.1)                     | 7,5        | 2.000 – 3.500 | 2.200                             | 61                    | 52,0                 | € 2.692,00      |
| AATVM 450 (sist.1)                     | 7,5        | 1.800 – 3.500 | 3.710                             | 65                    | 76,0                 | € 3.112,00      |
| AATVM 500 (sist.1)                     | 18,5       | 1.800 – 3.500 | 4.810                             | 67                    | 91,0                 | € 3.728,00      |
| AATVM 560 (sist.1)                     | 22,0       | 1.600 – 3.500 | 7.840                             | 72                    | 118,0                | € 4.768,00      |
| AATVM 630 (sist.1)                     | 37,0       | 1.600 – 3.500 | 10.630                            | 72                    | 160,0                | € 5.671,00      |
| AATVM 710 (sist.1)                     | 45,0       | 1.450 – 3.450 | 13.570                            | 77                    | 237,0                | € 7.620,00      |
| AATVM 800 (sist.1)                     | 55,0       | 1.450 – 3.450 | 16.970                            | 79                    | 285,0                | € 10.001,00     |
| AATVM 900 (sist.1)                     | 90,0       | 1.250 – 3.200 | 23.740                            | 78                    | 437,0                | € 12.660,00     |
| AATVM 1000 (sist.1)                    | 200,0      | 1.250 – 3.200 | 35.560                            | 81                    | 690,0                | € 16.903,00     |
| AATVM 1120 (sist.1)                    | 200,0      | 1.150 – 2.800 | 41.180                            | 85                    | 738,0                | ☒               |
| AATVM 1250 (sist.1)                    | 200,0      | 1.000 – 2.500 | 47.810                            | 85                    | 1.105,0              | ☒               |
| AATVM 1400 (sist.1)                    | 200,0      | 900 – 2.000   | 55.750                            | 83                    | 1.288,0              | ☒               |
| AATVM 1600 (sist.1)                    | 315,0      | 800 – 1.800   | 77.780                            | 84                    | 1.713,0              | ☒               |
| AATVM 1800 (sist.1)                    | 315,0      | 750 – 1.650   | 90.030                            | 85                    | 2.370,0              | ☒               |
| AATVM 2000 (sist.1)                    | 315,0      | 650 – 1.350   | 104.430                           | 84                    | 3.064,0              | ☒               |

\*The fan is supplied with free axle (sist.1), that is: without motor, pulleys or belts or with motor and transmission set (sist.9 and 12).





Dimensions AATVM (mm)

| Type      | A   | B   | C   | D   | D1  | D2  | D3  | D4  | D5  | D6  | D7  | E    | F   | G  | H   | H1  |
|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|----|-----|-----|
| AATVM 350 | 65  | 555 | 565 | 250 | 323 | 287 | 315 | 280 | 262 | 272 | 405 | 617  | 215 | 56 | 355 | 250 |
| AATVM 400 | 71  | 710 | 620 | 280 | 356 | 314 | 340 | 302 | 284 | 293 | 450 | 659  | 238 | 63 | 375 | 280 |
| AATVM 450 | 78  | 745 | 675 | 300 | 393 | 350 | 375 | 335 | 313 | 319 | 490 | 713  | 265 | 70 | 400 | 300 |
| AATVM 500 | 86  | 765 | 745 | 335 | 436 | 386 | 410 | 370 | 345 | 350 | 546 | 795  | 297 | 78 | 450 | 335 |
| AATVM 560 | 95  | 885 | 835 | 375 | 488 | 438 | 460 | 418 | 393 | 392 | 613 | 893  | 337 | 88 | 500 | 375 |
| AATVM 630 | 105 | 905 | 940 | 425 | 545 | 493 | 515 | 472 | 440 | 438 | 688 | 1000 | 381 | 98 | 560 | 425 |

Dimensions AATVM (mm)

| Type      | H2  | I   | L  | M   | N  | N1x01 | N2x02 | O   | O6  | P   | Q   | R  | S   | S1  | S2  | S3  |
|-----------|-----|-----|----|-----|----|-------|-------|-----|-----|-----|-----|----|-----|-----|-----|-----|
| AATVM 350 | 355 | 284 | 23 | 347 | 40 | 8x8   | 6x12  | 288 | 155 | 324 | 330 | 18 | 315 | 262 | 272 | 250 |
| AATVM 400 | 375 | 407 | 28 | 485 | 50 | 8x8   | 6x12  | 355 | 170 | 400 | 463 | 23 | 340 | 284 | 293 | 280 |
| AATVM 450 | 400 | 407 | 28 | 485 | 50 | 8x8   | 6x12  | 355 | 190 | 400 | 463 | 23 | 375 | 313 | 319 | 300 |
| AATVM 500 | 450 | 407 | 28 | 485 | 50 | 8x10  | 8x12  | 355 | 211 | 400 | 463 | 23 | 410 | 345 | 350 | 335 |
| AATVM 560 | 500 | 477 | 33 | 560 | 50 | 8x12  | 8x12  | 364 | 238 | 418 | 543 | 27 | 460 | 393 | 392 | 375 |
| AATVM 630 | 560 | 477 | 33 | 560 | 50 | 8x12  | 10x12 | 364 | 263 | 418 | 543 | 27 | 515 | 440 | 438 | 425 |

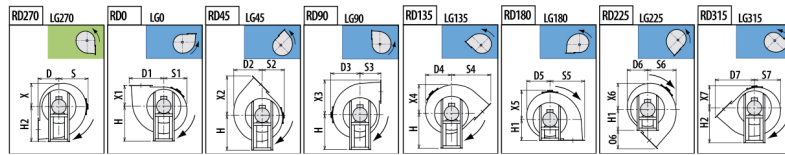
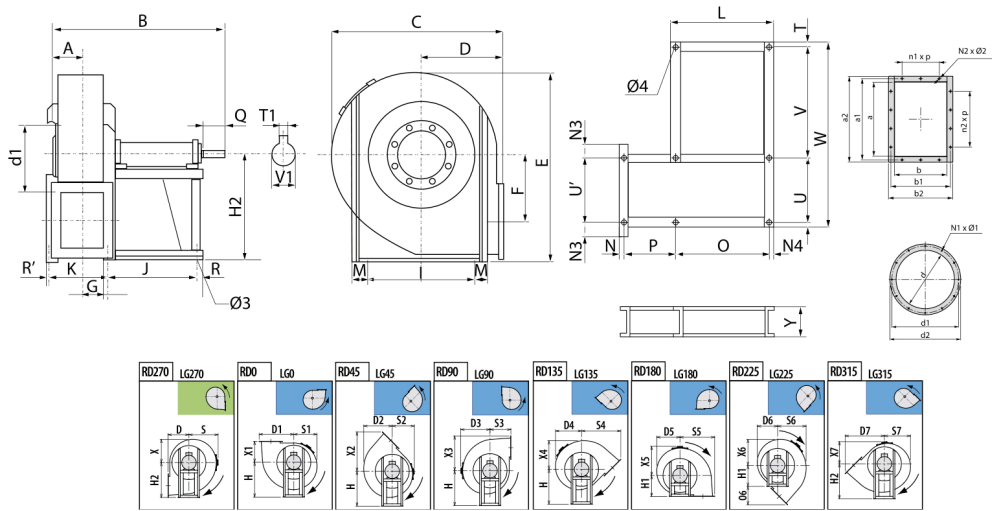
Dimensions AATVM (mm)

| Type      | S4  | S5  | S6  | S7  | T    | U   | V  | W   | X   | X1  | X2  | X3  | X4  | X5  | X6  | X7  |
|-----------|-----|-----|-----|-----|------|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| AATVM 350 | 405 | 323 | 287 | 280 | 900  | 100 | 24 | 576 | 262 | 250 | 405 | 323 | 287 | 315 | 280 | 272 |
| AATVM 400 | 450 | 356 | 314 | 302 | 1060 | 120 | 28 | 660 | 284 | 280 | 450 | 356 | 314 | 340 | 302 | 293 |
| AATVM 450 | 490 | 393 | 350 | 335 | 1060 | 120 | 38 | 660 | 313 | 300 | 490 | 393 | 350 | 375 | 335 | 319 |
| AATVM 500 | 546 | 436 | 386 | 370 | 1180 | 120 | 38 | 780 | 345 | 335 | 546 | 436 | 386 | 410 | 370 | 350 |
| AATVM 560 | 613 | 488 | 438 | 418 | 1250 | 160 | 42 | 832 | 393 | 375 | 613 | 488 | 438 | 460 | 418 | 392 |
| AATVM 630 | 688 | 545 | 493 | 472 | 1250 | 160 | 48 | 832 | 440 | 425 | 688 | 545 | 493 | 515 | 472 | 438 |

Dimensions AATVM (mm)

| Type      | Z   | a   | a1  | a2  | b   | b1  | b2  | d   | d1  | d2  | n1xp  | n2xp  | Ø3 | Ø4 |
|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|----|----|
| AATVM 350 | 50  | 146 | 182 | 216 | 105 | 139 | 175 | 185 | 219 | 250 | -     | 1x112 | 12 | 12 |
| AATVM 400 | 60  | 166 | 200 | 236 | 117 | 151 | 187 | 205 | 241 | 275 | -     | 1x112 | 14 | 14 |
| AATVM 450 | 80  | 185 | 219 | 255 | 131 | 165 | 201 | 228 | 265 | 298 | -     | 1x112 | 14 | 14 |
| AATVM 500 | 80  | 207 | 241 | 277 | 148 | 182 | 218 | 255 | 292 | 325 | 1x112 | 1x112 | 14 | 14 |
| AATVM 560 | 110 | 231 | 265 | 301 | 166 | 200 | 236 | 285 | 332 | 365 | 1x112 | 1x112 | 17 | 17 |
| AATVM 630 | 110 | 258 | 292 | 328 | 185 | 219 | 255 | 320 | 366 | 400 | 1x112 | 1x112 | 17 | 17 |

# Centrifugal High Pressure Belt Driven Fans



| Dimensions AATVM (mm) |     |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |
|-----------------------|-----|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
|                       | A   | B    | C    | D    | D1   | D2   | D3   | D4   | D5   | D6   | D7   | E    | F    | G     | H    | H1   |
| AATVM 710             | 115 | 1035 | 1045 | 475  | 610  | 547  | 570  | 522  | 493  | 489  | 767  | 1123 | 426  | 160   | 630  | 475  |
| AATVM 800             | 127 | 1070 | 1170 | 530  | 682  | 622  | 640  | 592  | 555  | 545  | 854  | 1265 | 481  | 192,5 | 710  | 530  |
| AATVM 900             | 140 | 1240 | 1315 | 600  | 763  | 696  | 715  | 668  | 628  | 617  | 963  | 1428 | 542  | 222   | 800  | 600  |
| AATVM 1000            | 160 | 1435 | 1460 | 670  | 849  | 805  | 790  | 765  | 691  | 640  | 1074 | 1591 | 607  | 263   | 900  | 670  |
| AATVM 1120            | 185 | 1465 | 1630 | 750  | 951  | 898  | 880  | 857  | 770  | 713  | 1202 | 1770 | 684  | 278,5 | 860  | 750  |
| AATVM 1250            | 200 | 1500 | 1815 | 840  | 1059 | 998  | 975  | 944  | 864  | 802  | 1343 | 1984 | 765  | 298   | 960  | 840  |
| AATVM 1400            | 232 | 1655 | 2028 | 936  | 1188 | 1114 | 1092 | 1063 | 963  | 893  | 1500 | 2163 | 853  | 349,5 | 1070 | 936  |
| AATVM 1600            | 257 | 1915 | 2310 | 1060 | 1334 | 1271 | 1250 | 1218 | 1110 | 1033 | 1693 | 2510 | 965  | 384   | 1200 | 1060 |
| AATVM 1800            | 404 | 2000 | 2607 | 1210 | 1498 | 1425 | 1397 | 1357 | 1238 | 1145 | 1915 | 2788 | 1090 | 411   | 1400 | 1210 |
| AATVM 2000            | 434 | 2065 | 2840 | 1320 | 1664 | 1556 | 1520 | 1520 | 1343 | 1246 | 2109 | 3143 | 1203 | 462   | 1500 | 1320 |

| Dimensions AATVM (mm) |      |      |     |     |      |    |    |       |       |       |    |     |     |     |     |    |
|-----------------------|------|------|-----|-----|------|----|----|-------|-------|-------|----|-----|-----|-----|-----|----|
|                       | H2   | I    | J   | K   | L    | M  | N  | N1x01 | N2x02 | N3    | N4 | O   | O6  | P   | Q   | R  |
| AATVM 710             | 550  | 526  | 551 | 300 | 629  | 32 | 20 | 8x12  | 10x12 | 63    | 39 | 551 | 262 | 300 | 110 | 39 |
| AATVM 800             | 620  | 526  | 551 | 325 | 629  | 32 | 30 | 12x12 | 10x12 | 93    | 39 | 551 | 324 | 325 | 110 | 39 |
| AATVM 900             | 695  | 663  | 607 | 354 | 697  | 36 | 45 | 12x12 | 10x12 | 116   | 45 | 607 | 363 | 354 | 140 | 45 |
| AATVM 1000            | 770  | 850  | 760 | 426 | 850  | 55 | 50 | 12x14 | 14x12 | 112,5 | 45 | 760 | 404 | 426 | 140 | 45 |
| AATVM 1120            | 860  | 1178 | 760 | 447 | 850  | 45 | 55 | 12x14 | 14x12 | 106   | 45 | 760 | 452 | 447 | 140 | 45 |
| AATVM 1250            | 960  | 1310 | 760 | 486 | 1010 | 45 | 55 | 12x14 | 14x12 | 110   | 45 | 760 | 503 | 486 | 140 | 45 |
| AATVM 1400            | 1070 | 1450 | 780 | 569 | 1010 | 55 | 65 | 16x14 | 14x12 | 120   | 55 | 780 | 564 | 569 | 170 | 55 |
| AATVM 1600            | 1200 | 1640 | 917 | 638 | 1100 | 60 | 65 | 16x14 | 14x12 | 120   | 65 | 917 | 633 | 638 | 210 | 65 |
| AATVM 1800            | 1400 | 1830 | 917 | 692 | 1100 | 60 | 65 | 16x14 | 14x12 | 130   | 65 | 917 | 705 | 692 | 210 | 65 |
| AATVM 2000            | 1500 | 2030 | 917 | 754 | 1100 | 60 | 85 | 24x14 | 16x12 | 170   | 65 | 917 | 789 | 754 | 210 | 65 |

| Dimensions AATVM (mm) |    |      |      |      |      |      |      |      |      |    |    |      |      |      |     |      |
|-----------------------|----|------|------|------|------|------|------|------|------|----|----|------|------|------|-----|------|
|                       | R' | S    | S1   | S2   | S3   | S4   | S5   | S6   | S7   | T  | T1 | U    | U'   | V    | V1  | X    |
| AATVM 710             | 20 | 570  | 493  | 489  | 475  | 767  | 610  | 547  | 522  | 32 | 14 | 526  | 570  | 1010 | 48  | 493  |
| AATVM 800             | 30 | 640  | 555  | 545  | 530  | 854  | 682  | 622  | 592  | 32 | 16 | 526  | 600  | 1010 | 55  | 555  |
| AATVM 900             | 45 | 715  | 628  | 617  | 600  | 963  | 763  | 696  | 668  | 36 | 18 | 663  | 663  | 1065 | 65  | 628  |
| AATVM 1000            | 50 | 790  | 691  | 640  | 670  | 1074 | 849  | 805  | 765  | 55 | 20 | 850  | 780  | 1240 | 75  | 691  |
| AATVM 1120            | 55 | 880  | 770  | 713  | 750  | 1202 | 951  | 898  | 857  | 45 | 20 | 1178 | 1178 | 1066 | 75  | 770  |
| AATVM 1250            | 55 | 975  | 864  | 802  | 840  | 1343 | 1059 | 998  | 944  | 45 | 20 | 1310 | 1310 | 1230 | 75  | 864  |
| AATVM 1400            | 65 | 1092 | 963  | 983  | 936  | 1500 | 1188 | 1114 | 1063 | 55 | 22 | 1450 | 1450 | 1240 | 80  | 963  |
| AATVM 1600            | 65 | 1250 | 1110 | 1033 | 1060 | 1693 | 1334 | 1271 | 1218 | 60 | 25 | 1640 | 1640 | 1195 | 90  | 1110 |
| AATVM 1800            | 65 | 1397 | 1238 | 1145 | 1210 | 1915 | 1498 | 1425 | 1357 | 60 | 28 | 1830 | 1830 | 1295 | 100 | 1238 |
| AATVM 2000            | 85 | 1520 | 1343 | 1246 | 1320 | 2109 | 1664 | 1556 | 1475 | 60 | 28 | 2030 | 2030 | 1350 | 100 | 1343 |

| Dimensions AATVM (mm) |      |      |      |      |      |      |      |     |     |     |     |     |     |     |      |      |
|-----------------------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|------|------|
|                       | X1   | X2   | X3   | X4   | X5   | X6   | X7   | Y   | a   | a1  | a2  | b   | b1  | b2  | d    | d1   |
| AATVM 710             | 475  | 767  | 610  | 547  | 570  | 522  | 489  | 180 | 288 | 332 | 368 | 205 | 249 | 285 | 360  | 405  |
| AATVM 800             | 530  | 854  | 682  | 622  | 640  | 592  | 545  | 180 | 322 | 366 | 402 | 229 | 273 | 309 | 405  | 448  |
| AATVM 900             | 600  | 963  | 763  | 696  | 715  | 668  | 617  | 200 | 361 | 405 | 441 | 256 | 300 | 336 | 455  | 497  |
| AATVM 1000            | 670  | 1074 | 849  | 805  | 790  | 765  | 640  | 200 | 404 | 448 | 484 | 288 | 332 | 368 | 505  | 551  |
| AATVM 1120            | 750  | 1202 | 951  | 898  | 880  | 857  | 713  | 220 | 453 | 497 | 533 | 322 | 366 | 402 | 565  | 629  |
| AATVM 1250            | 840  | 1343 | 1059 | 998  | 975  | 944  | 802  | 220 | 507 | 551 | 587 | 361 | 405 | 441 | 635  | 698  |
| AATVM 1400            | 936  | 1500 | 1188 | 1114 | 1092 | 1063 | 893  | 220 | 569 | 629 | 669 | 404 | 464 | 504 | 715  | 775  |
| AATVM 1600            | 1060 | 1693 | 1334 | 1271 | 1250 | 1218 | 1033 | 220 | 638 | 698 | 738 | 453 | 513 | 553 | 805  | 861  |
| AATVM 1800            | 1210 | 1915 | 1498 | 1425 | 1397 | 1357 | 1145 | 250 | 715 | 775 | 815 | 507 | 567 | 607 | 905  | 958  |
| AATVM 2000            | 1320 | 2109 | 1664 | 2556 | 1520 | 1475 | 1246 | 250 | 801 | 871 | 921 | 569 | 639 | 689 | 1007 | 1067 |

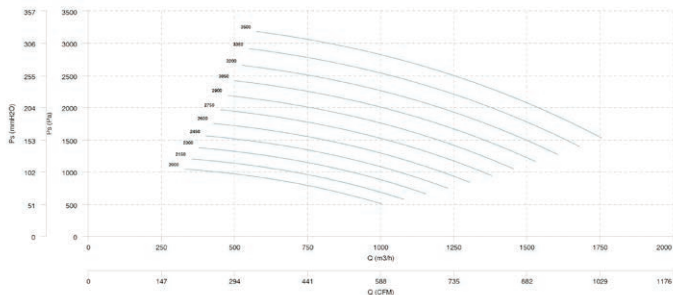
| Dimensions AATVM (mm) |      |       |       |    |    |
|-----------------------|------|-------|-------|----|----|
|                       | d2   | n1xp  | n2xp  | Ø3 | Ø4 |
| AATVM 710             | 440  | 1x125 | 2x125 | 19 | 20 |
| AATVM 800             | 485  | 1x125 | 2x125 | 19 | 20 |
| AATVM 900             | 535  | 1x125 | 2x125 | 19 | 20 |
| AATVM 1000            | 585  | 2x125 | 3x125 | 24 | 25 |
| AATVM 1120            | 665  | 2x125 | 3x125 | 24 | 24 |
| AATVM 1250            | 735  | 2x125 | 3x125 | 24 | 30 |
| AATVM 1400            | 815  | 2x160 | 3x160 | 28 | 30 |
| AATVM 1600            | 905  | 2x160 | 3x160 | 28 | 30 |
| AATVM 1800            | 1005 | 2x160 | 4x160 | 28 | 30 |
| AATVM 2000            | 1107 | 2x200 | 3x200 | 30 | 30 |



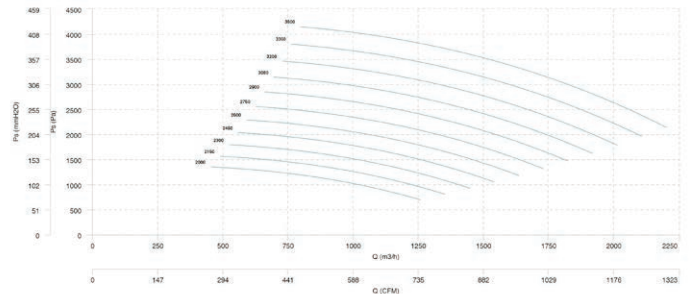
# Centrifugal High Pressure Belt Driven Fans



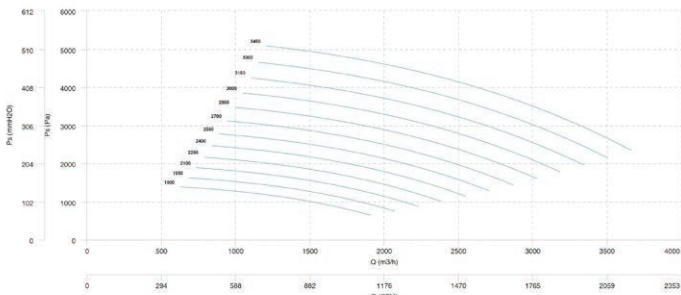
AATVM 350



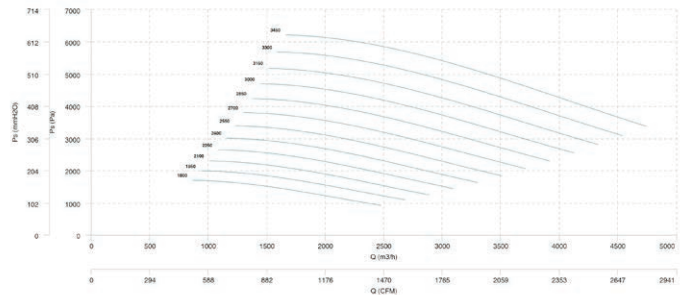
AATVM 400



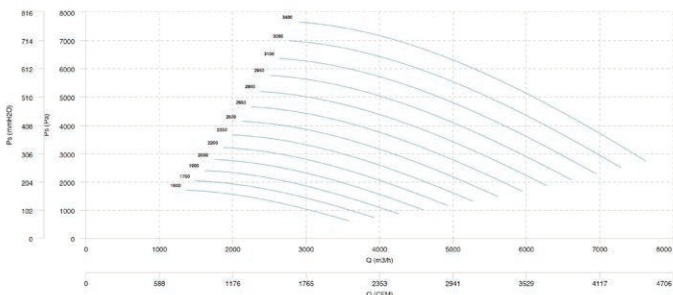
AATVM 450



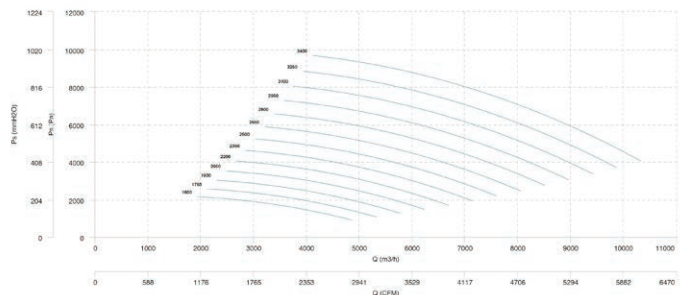
AATVM 500



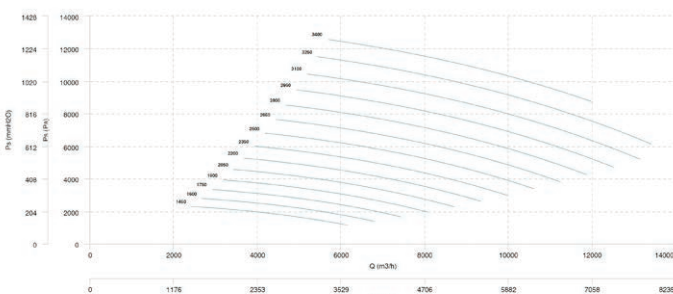
AATVM 560



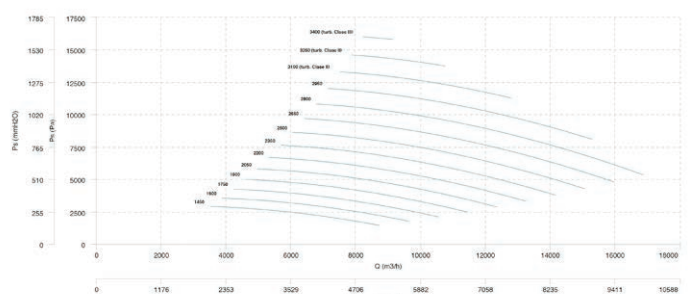
AATVM 630



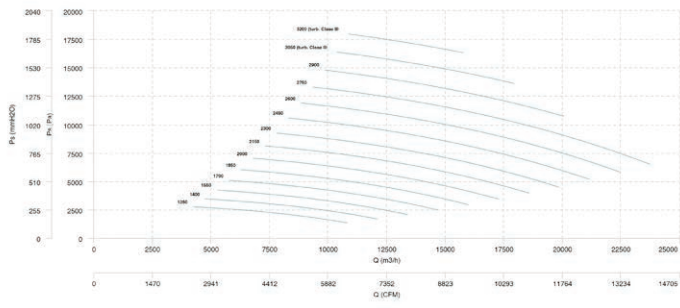
AATVM 710



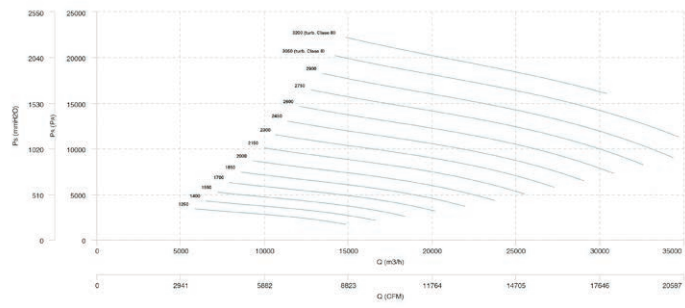
AATVM 800



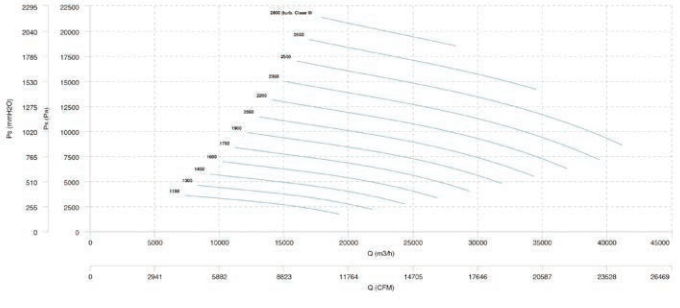
**AATVM 900**



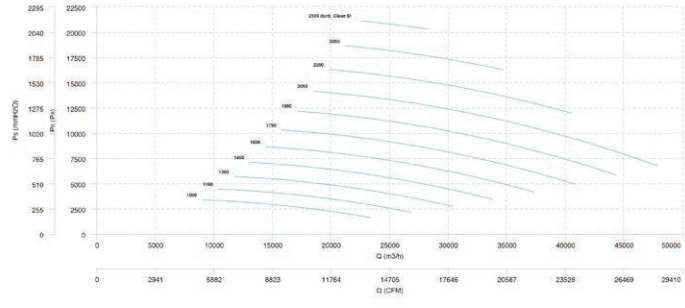
**AATVM 1000**



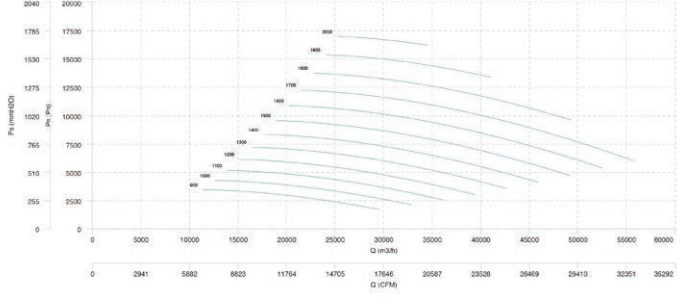
**AATVM 1120**



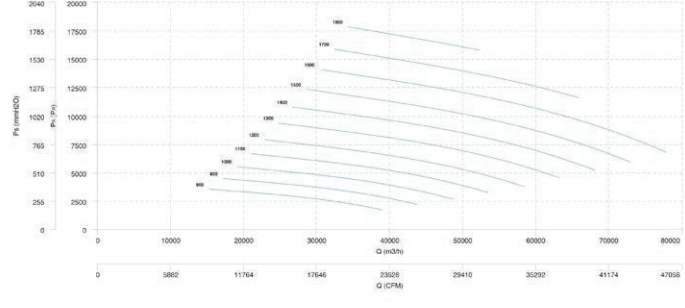
**AATVM 1250**



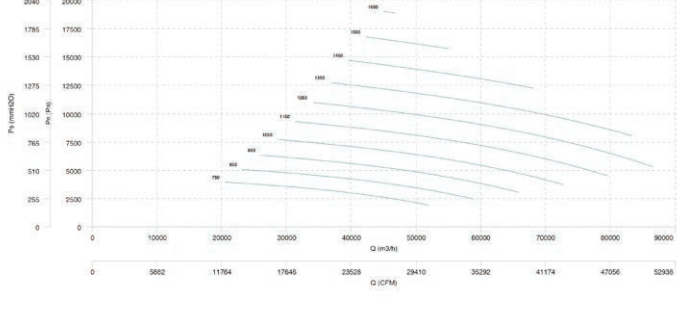
**AATVM 1400**



**AATVM 1600**



**AATVM 1800**



**AATVM 2000**

