

VENTILATOARE CENTRIFUGALE DE JOASA PRESIUNE GGE

APLICATII

Ventilatoarele centrifugale **GGE** descrise in prezentul catalog sunt potrivite pentru aspirare de aer curat sau putin prafuit .

Gasim intrebuintarea lor pe instalatii de aer conditionat, pentru aspirare de fum rezultat in urma sudurii, pentru cabine de vopsit, instalatii de racire, pentru materiale plastice si in general in toate aplicatiile unde trebuie dirijat aer cu presiune joasa.

Sunt prevazute pentru transport de aer cu temperatura maxima de 80 °C.

INSTALARE

Ventilatoarele din aceasta serie pot fii construite in 16 pozitii diverse ale gurii de iesire (8 cu sens de rotire orar RD si 8 cu sens de rotire antiorar).

Sensul de rotatie al turbinei si pozitia gurii de iesire sunt prezentate privind ventilatorul din latul motorului.

CARACTERISTICI TEHNICE

Ventilatorul centrifugal seria GGE este compus din carcasa din tabla de otel OL 37 care este sudata si intarita, turbina este din tabla de otel OL 37 echilibrata dinamic, suportul pentru motor este din profile din otel OL 37 legat la carcasa ventilatorului, gura aspiranta si gura de iesire sunt facute dupa normele DIN 24154-24158 seria 3.

MOTOARE

Ventilatoarele din aceasta serie sunt prevazute cu montare de motoare asincron trifazate, constructie inchisa, ventilatie externa, protectie IP 54, forma B3, conform cu normele internationale UNEL-MEC (IEC-DIN 42673).

La cerere ventilatoarele se pot furniza si cu motoare cu flansa, forma constructiva B5-V1 legate direct pe carcasa ventilatorului.(acest mod de asamblare este numai pentru motoarele electrice cu marimea constructiva de pana la 100)

DEBIT SI PRESIUNE

Caracteristicile scrise in tabel sunt facute la o temperatura a aerului de 15 °C , presiune barometrica de 750mmHg cu o greutate specifica de 1226 kg/m².

ZGOMOT

Valorile sunt masurate in camp liber la distanta de 1,5m de ventilatorul aflat in functionare la debit si randament maxim, legat la tubulatura. Decibelii sunt pe scala A cu o frecventa de 1000 Hz.

VENTILATOR PENTRU AER CU PUTIN PRAF

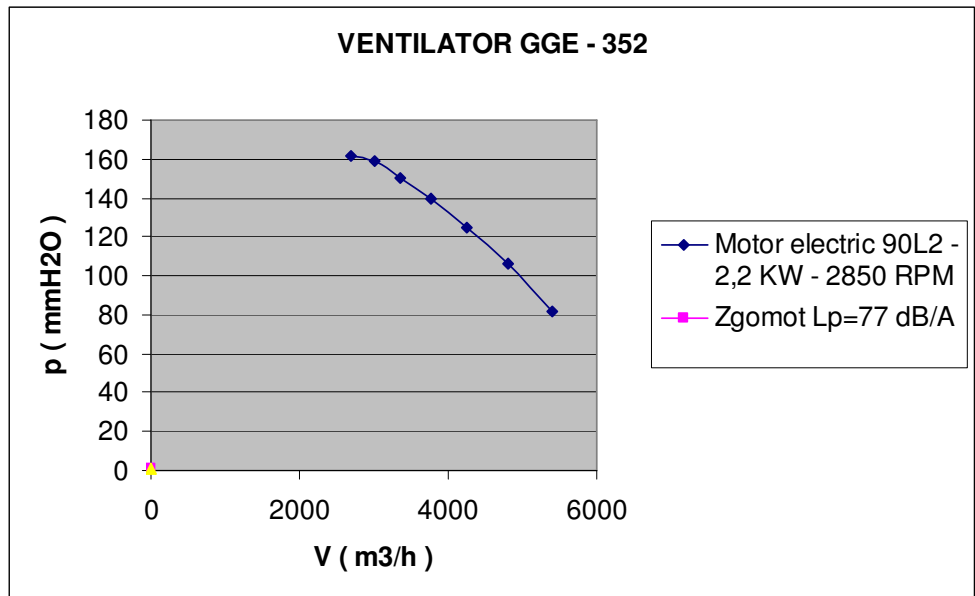


GGE

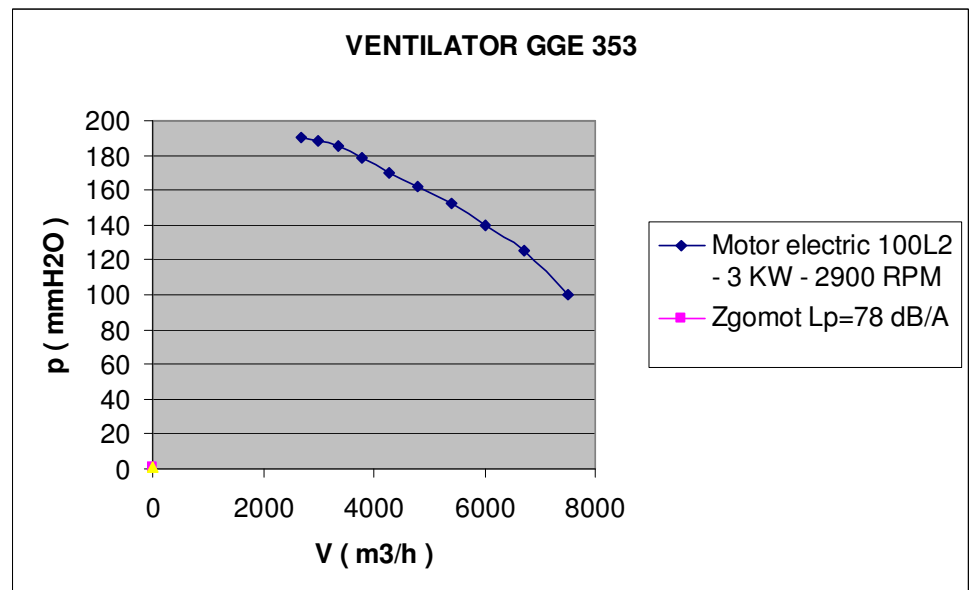
| Tip ventilator | Axu motor mm | HP mm | Putere kw | Rotatii min | Debitu m³/h | Presiune Kgf/m² | Zgomot dB/A | Ø gurii intrare mm | Ø gurii lesire mm | Gabarit Ventilator mm | Prêt euro |
|----------------|--------------|-------|-----------|-------------|-------------|-----------------|-------------|--------------------|-------------------|-----------------------|-----------|
| VEGGE 352 | 24 | 3 | 2,2 | 2800 | 5400 | 82 | 77 | 360 | 250/355 | 610/740 | La cerere |
| VEGGE 353 | 28 | 4 | 3 | 2800 | 7500 | 100 | 78 | 360 | 250/355 | 610/740 | La cerere |
| VEGGE 402 | 28 | 5,5 | 4 | 2800 | 9600 | 90 | 79 | 405 | 260/400 | 690/825 | La cerere |
| VEGGE 403 | 38 | 7,5 | 5,5 | 2800 | 12000 | 70 | 82 | 405 | 260/400 | 690/825 | La cerere |
| VEGGE 452 | 38 | 10 | 7,5 | 2800 | 13500 | 130 | 84 | 455 | 315/450 | 775/925 | La cerere |
| VEGGE 453 | 42 | 15 | 11 | 2800 | 16800 | 100 | 85 | 455 | 315/450 | 775/925 | La cerere |
| VEGGE 502 | 42 | 20 | 15 | 2800 | 18900 | 150 | 88 | 505 | 355/500 | 840/1030 | La cerere |
| VEGGE 503 | 42 | 25 | 18,5 | 2800 | 24000 | 120 | 89 | 505 | 355/500 | 840/1030 | La cerere |
| VEGGE 355 | 14 | 0,5 | 0,37 | 1400 | 3780 | 17 | 65 | 360 | 250/355 | 610/740 | La cerere |
| VEGGE 404 | 19 | 0,75 | 0,55 | 1400 | 5400 | 24 | 67 | 405 | 260/400 | 690/825 | La cerere |
| VEGGE 454 | 19 | 1 | 0,75 | 1400 | 6720 | 16 | 69 | 455 | 315/450 | 775/925 | La cerere |
| VEGGE 455 | 24 | 1,5 | 1,1 | 1400 | 7500 | 34 | 70 | 455 | 315/450 | 775/925 | La cerere |
| VEGGE 504 | 24 | 2 | 1,5 | 1400 | 9600 | 30 | 71 | 505 | 355/500 | 840/1030 | La cerere |
| VEGGE 505 | 28 | 3 | 2,2 | 1400 | 10800 | 40 | 72 | 505 | 355/500 | 840/1030 | La cerere |
| VEGGE 562 | 28 | 4 | 3 | 1400 | 13500 | 32 | 73 | 568 | 400/560 | 940/1155 | La cerere |
| VEGGE 563 | 28 | 5,5 | 4 | 1400 | 16800 | 30 | 73 | 568 | 400/560 | 940/1155 | La cerere |
| VEGGE 632 | 38 | 7,5 | 5,5 | 1400 | 18900 | 50 | 75 | 636 | 450/630 | 1065/1310 | La cerere |
| VEGGE 633 | 38 | 10 | 7,5 | 1400 | 24000 | 50 | 76 | 636 | 450/630 | 1065/1310 | La cerere |
| VEGGE 712 | 42 | 15 | 11 | 1400 | 27000 | 85 | 78 | 716 | 500/710 | 1200/1500 | La cerere |
| VEGGE 713 | 42 | 20 | 15 | 1400 | 33600 | 65 | 79 | 716 | 500/710 | 1200/1500 | La cerere |
| VEGGE 802 | 48 | 25 | 18,5 | 1400 | 37800 | 108 | 82 | 806 | 560/800 | 1330/1650 | La cerere |
| VEGGE 803T | 48 | 30 | 22 | 1400 | 48000 | 90 | 83 | 806 | 560/800 | 1330/1650 | La cerere |
| VEGGE 902T | 55 | 40 | 30 | 1400 | 48000 | 177 | 85 | 906 | 630/900 | 1480/1770 | La cerere |
| VEGGE 903T | 60 | 50 | 37 | 1400 | 54000 | 160 | 86 | 906 | 630/900 | 1480/1770 | La cerere |
| VEGGE 904T | 60 | 60 | 45 | 1400 | 67200 | 140 | 86 | 906 | 630/900 | 1480/1770 | La cerere |
| VEGGE 506 | 19 | 0,5 | 0,37 | 900 | 5400 | 10 | 60 | 505 | 355/500 | 840/1030 | La cerere |
| VEGGE 507 | 19 | 0,75 | 0,55 | 900 | 6720 | 19 | 62 | 505 | 355/500 | 840/1030 | La cerere |
| VEGGE 564 | 24 | 1 | 0,75 | 900 | 8400 | 13 | 63 | 568 | 400/560 | 940/1155 | La cerere |
| VEGGE 565 | 24 | 1,5 | 1,1 | 900 | 9600 | 24 | 65 | 568 | 400/560 | 940/1155 | La cerere |
| VEGGE 634 | 28 | 2 | 1,5 | 900 | 10800 | 26 | 66 | 636 | 450/630 | 1065/1310 | La cerere |
| VEGGE 635 | 28 | 3 | 2,2 | 900 | 15000 | 24 | 68 | 636 | 450/630 | 1065/1310 | La cerere |
| VEGGE 714 | 38 | 4 | 3 | 900 | 18900 | 36 | 70 | 716 | 500/710 | 1200/1500 | La cerere |
| VEGGE 715 | 38 | 5,5 | 4 | 900 | 21300 | 36 | 71 | 716 | 500/710 | 1200/1500 | La cerere |
| VEGGE 804 | 38 | 7,5 | 5,5 | 900 | 24000 | 53 | 74 | 806 | 560/800 | 1330/1650 | La cerere |
| VEGGE 805 | 42 | 10 | 7,5 | 900 | 30000 | 48 | 75 | 806 | 560/800 | 1330/1650 | La cerere |
| VEGGE 905 | 42 | 15 | 11 | 900 | 33600 | 74 | 76 | 906 | 630/900 | 1480/1770 | La cerere |
| VEGGE 906 | 48 | 20 | 15 | 900 | 42600 | 65 | 76 | 906 | 630/900 | 1480/1770 | La cerere |

- Ventilatoarele fara litera T la sfarsit au rotorul asamblat direct pe axul motorului. Ventilatoarele cu litera T la sfarsit au rotorul asamblat pe un ax transmisia fiind facuta prin intermediul unor curele trapezoidale.
- La cerere se pot furniza cu transmisie toate ventilatoarele pretul lor majorandu-se cu 15 % fata de pretul din catalog. Ventilatoare sunt prevazute pentru transport de aer prafuit cu temperatura de pana la 80 °C . Pentru temperaturi mai ridicate contactati tehnicul.

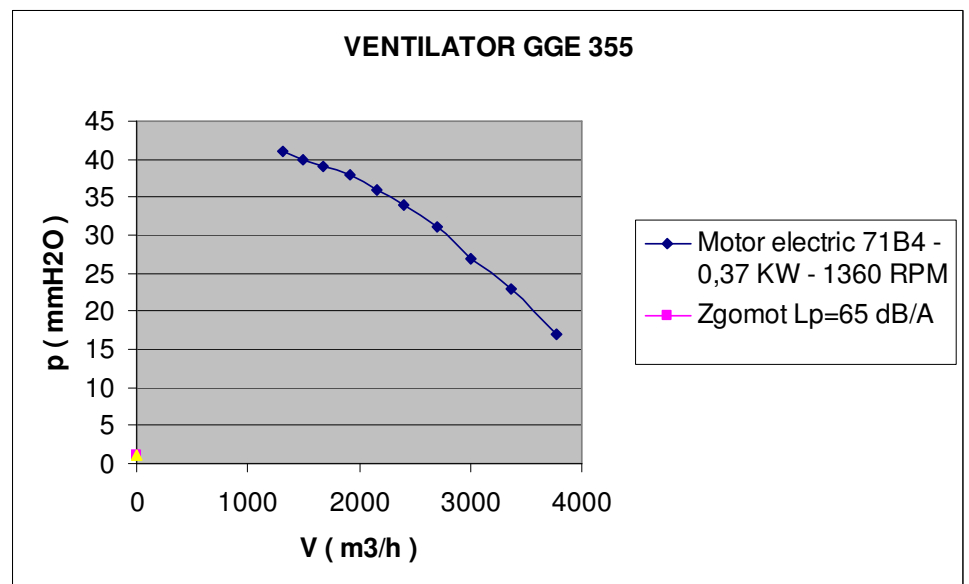
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 2700 | 162 |
| 3000 | 159 |
| 3360 | 150 |
| 3780 | 140 |
| 4260 | 125 |
| 4800 | 106 |
| 5400 | 82 |



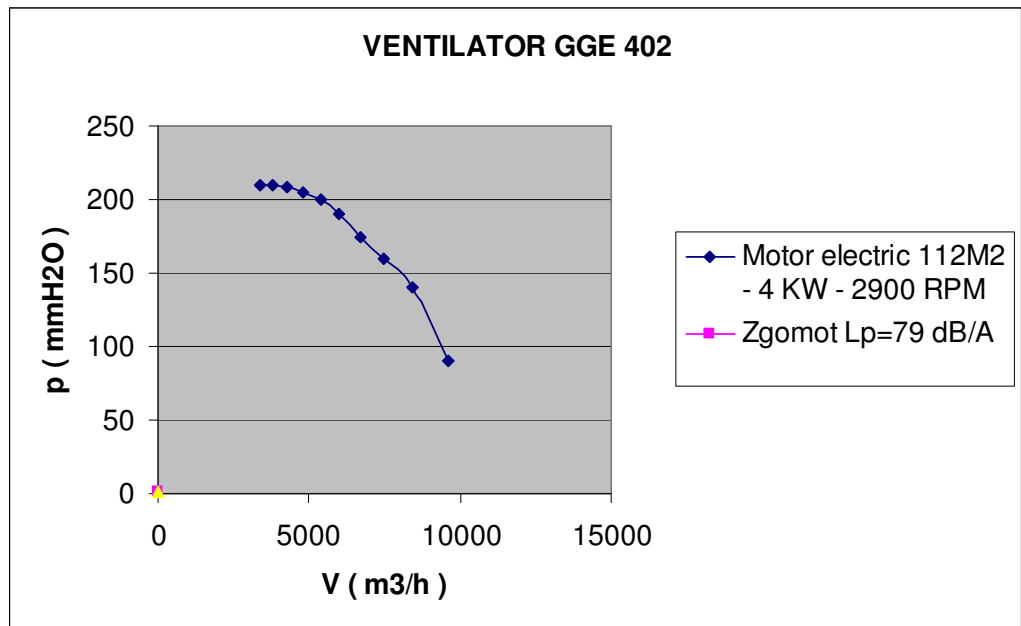
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 2700 | 190 |
| 3000 | 188 |
| 3360 | 185 |
| 3780 | 179 |
| 4260 | 170 |
| 4800 | 162 |
| 5400 | 152 |
| 6000 | 140 |
| 6720 | 125 |
| 7500 | 100 |



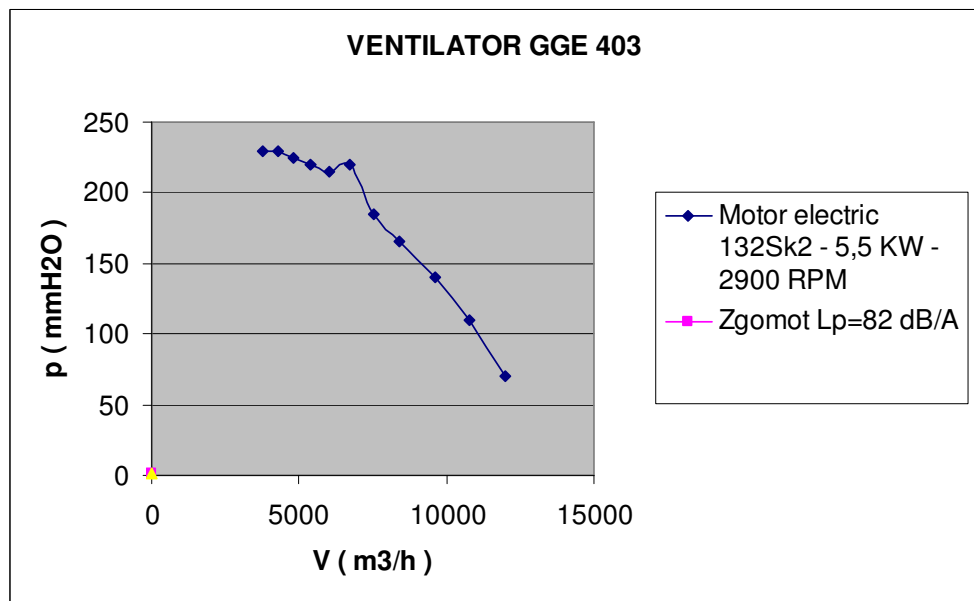
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 1320 | 41 |
| 1500 | 40 |
| 1680 | 39 |
| 1920 | 38 |
| 2160 | 36 |
| 2400 | 34 |
| 2700 | 31 |
| 3000 | 27 |
| 3360 | 23 |
| 3780 | 17 |



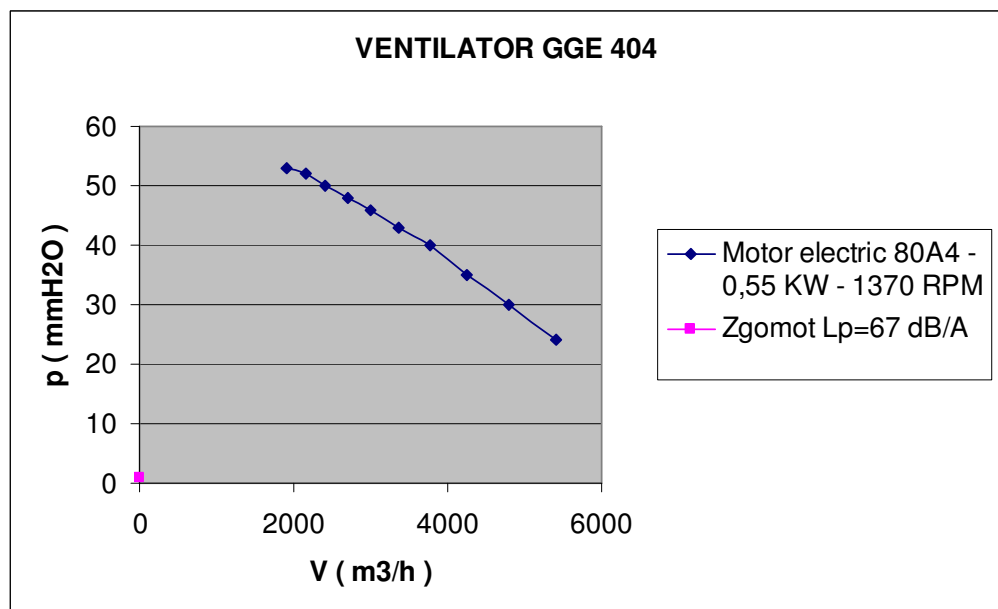
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 3360 | 210 |
| 3780 | 210 |
| 4260 | 208 |
| 4800 | 205 |
| 5400 | 200 |
| 6000 | 190 |
| 6720 | 175 |
| 7500 | 160 |
| 8400 | 140 |
| 9600 | 90 |



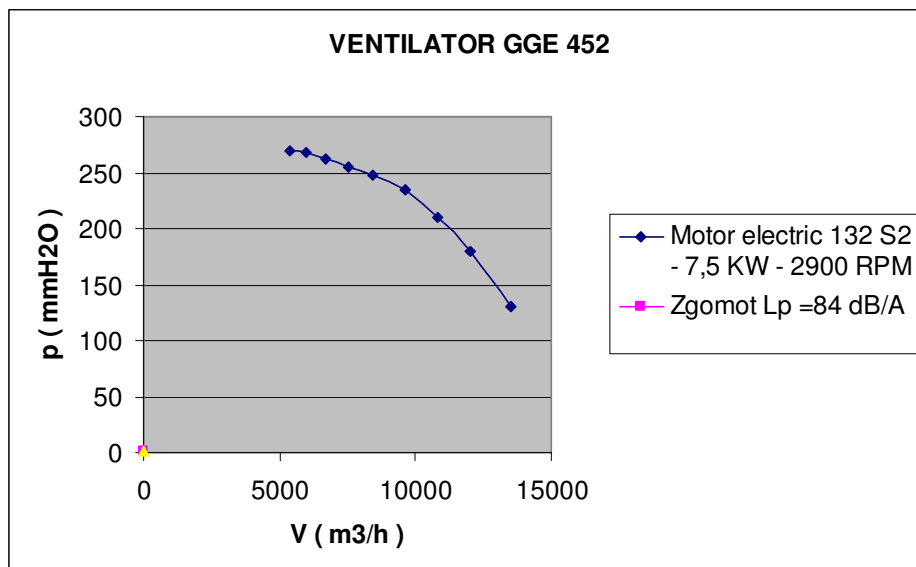
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 3780 | 230 |
| 4260 | 230 |
| 4800 | 225 |
| 5400 | 220 |
| 6000 | 215 |
| 6720 | 220 |
| 7500 | 185 |
| 8400 | 165 |
| 9600 | 140 |
| 10800 | 110 |
| 12000 | 70 |



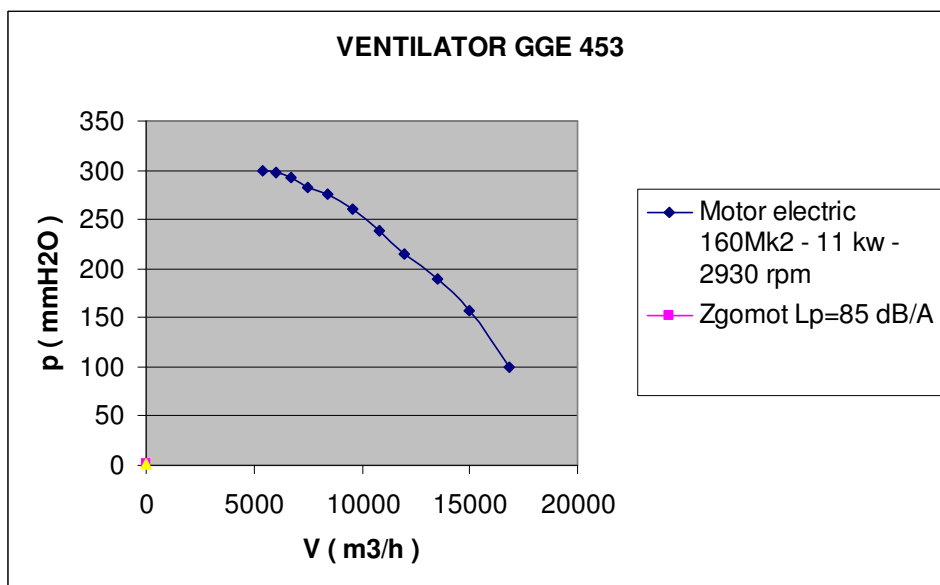
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 1920 | 53 |
| 2160 | 52 |
| 2400 | 50 |
| 2700 | 48 |
| 3000 | 46 |
| 3360 | 43 |
| 3780 | 40 |
| 4260 | 35 |
| 4800 | 30 |
| 5400 | 24 |



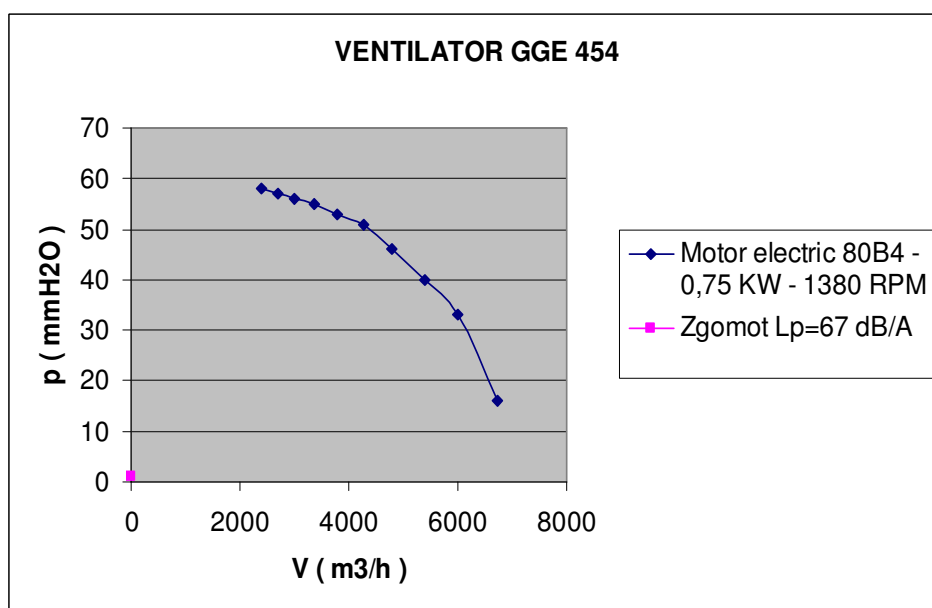
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 5400 | 270 |
| 6000 | 268 |
| 6720 | 262 |
| 7500 | 255 |
| 8400 | 248 |
| 9600 | 235 |
| 10800 | 210 |
| 12000 | 180 |
| 13500 | 130 |



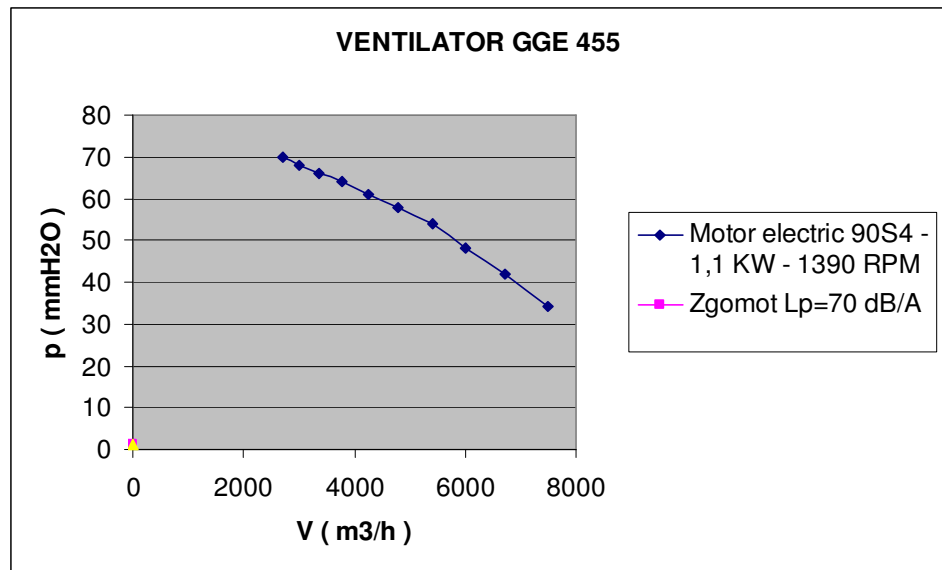
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 5400 | 300 |
| 6000 | 298 |
| 6720 | 292 |
| 7500 | 282 |
| 8400 | 275 |
| 9600 | 260 |
| 10800 | 238 |
| 12000 | 215 |
| 13500 | 190 |
| 15000 | 158 |
| 16800 | 100 |



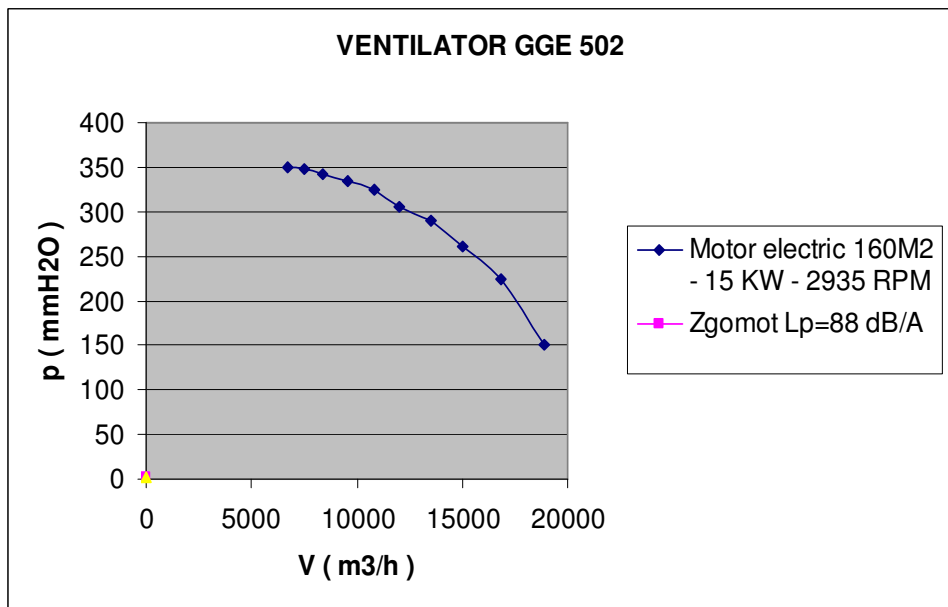
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 2400 | 58 |
| 2700 | 57 |
| 3000 | 56 |
| 3360 | 55 |
| 3780 | 53 |
| 4260 | 51 |
| 4800 | 46 |
| 5400 | 40 |
| 6000 | 33 |
| 6720 | 16 |



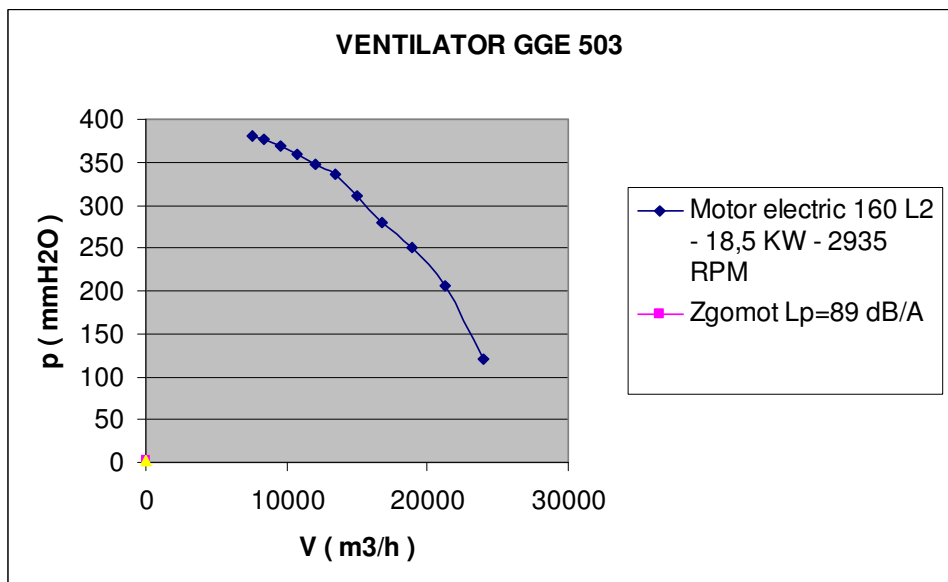
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 2700 | 70 |
| 3000 | 68 |
| 3360 | 66 |
| 3780 | 64 |
| 4260 | 61 |
| 4800 | 58 |
| 5400 | 54 |
| 6000 | 48 |
| 6720 | 42 |
| 7500 | 34 |



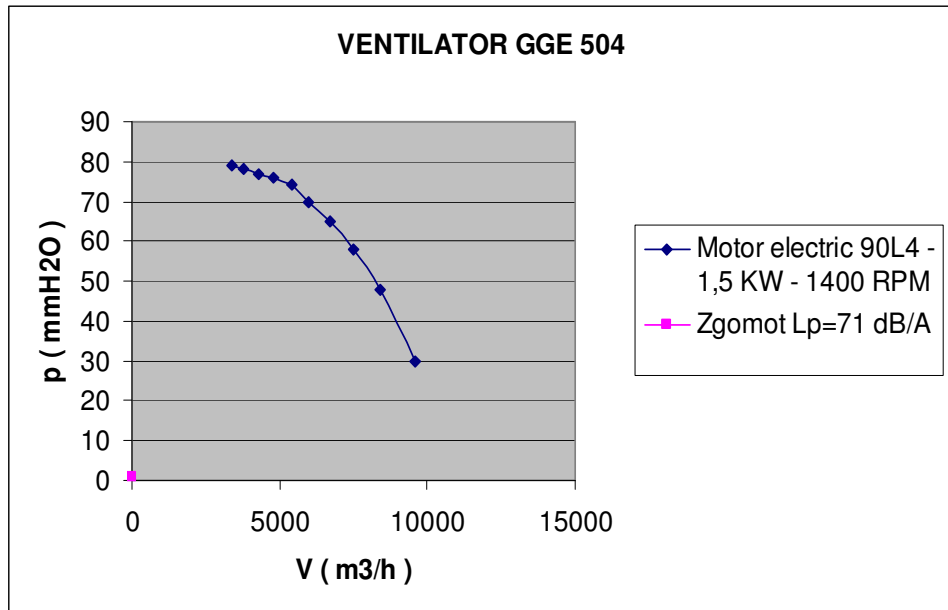
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 6720 | 350 |
| 7500 | 348 |
| 8400 | 342 |
| 9600 | 335 |
| 10800 | 325 |
| 12000 | 305 |
| 13500 | 290 |
| 15000 | 260 |
| 16800 | 225 |
| 18900 | 150 |



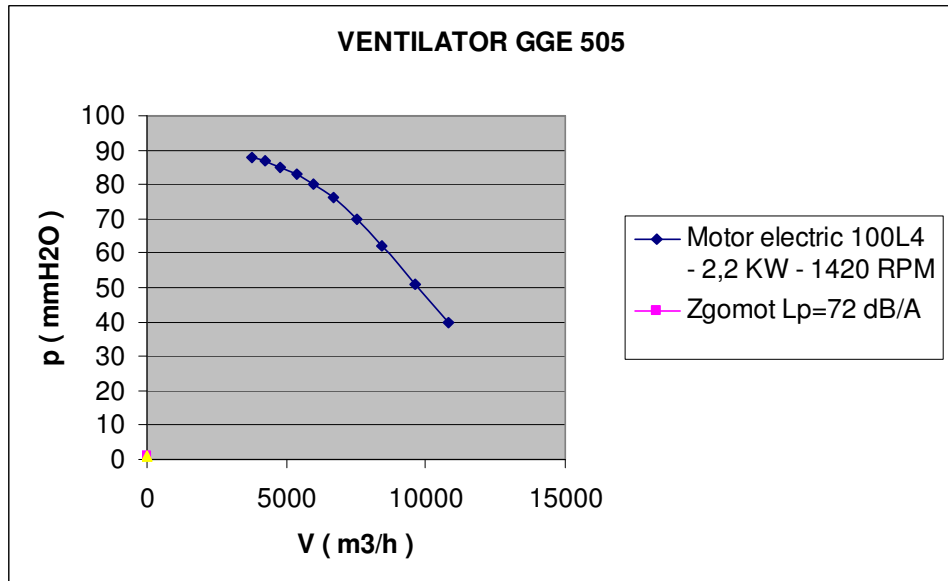
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 7500 | 380 |
| 8400 | 377 |
| 9600 | 368 |
| 10800 | 360 |
| 12000 | 347 |
| 13500 | 335 |
| 15000 | 310 |
| 16800 | 280 |
| 18900 | 250 |
| 21300 | 205 |
| 24000 | 120 |



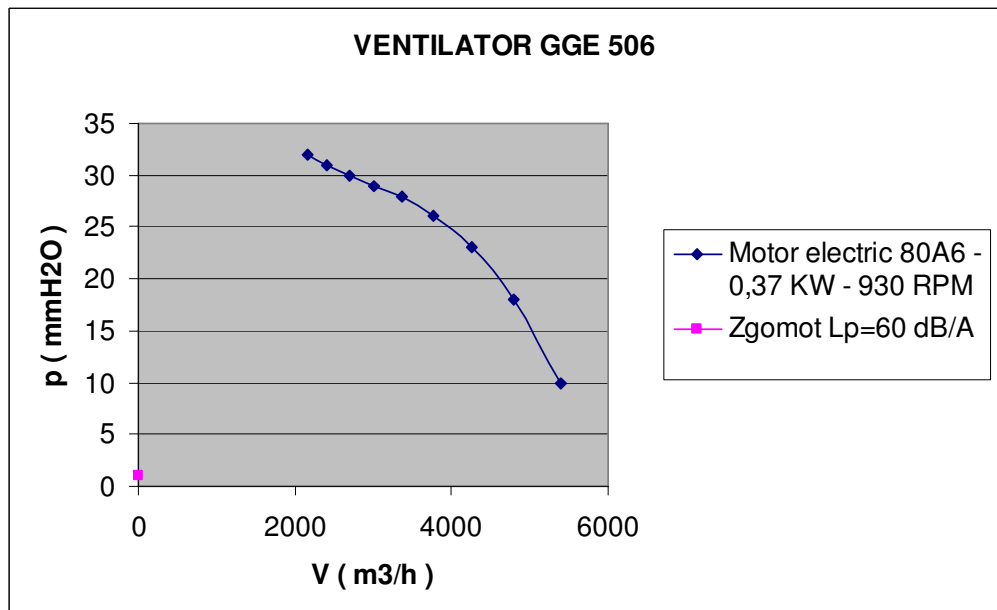
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 3360 | 79 |
| 3780 | 78 |
| 4260 | 77 |
| 4800 | 76 |
| 5400 | 74 |
| 6000 | 70 |
| 6720 | 65 |
| 7500 | 58 |
| 8400 | 48 |
| 9600 | 30 |



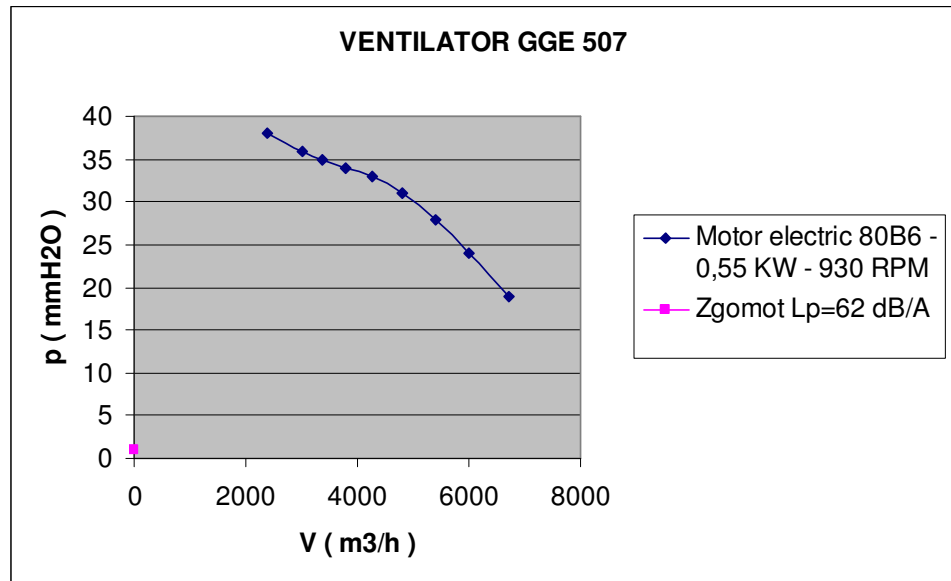
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 3780 | 88 |
| 4260 | 87 |
| 4800 | 85 |
| 5400 | 83 |
| 6000 | 80 |
| 6720 | 76 |
| 7500 | 70 |
| 8400 | 62 |
| 9600 | 51 |
| 10800 | 40 |



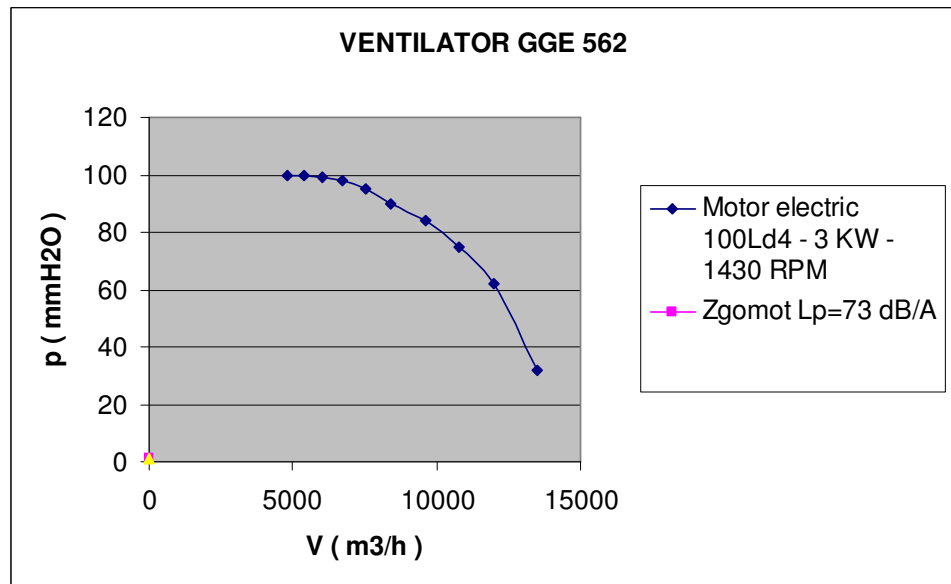
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 2160 | 32 |
| 2400 | 31 |
| 2700 | 30 |
| 3000 | 29 |
| 3360 | 28 |
| 3780 | 26 |
| 4260 | 23 |
| 4800 | 18 |
| 5400 | 10 |



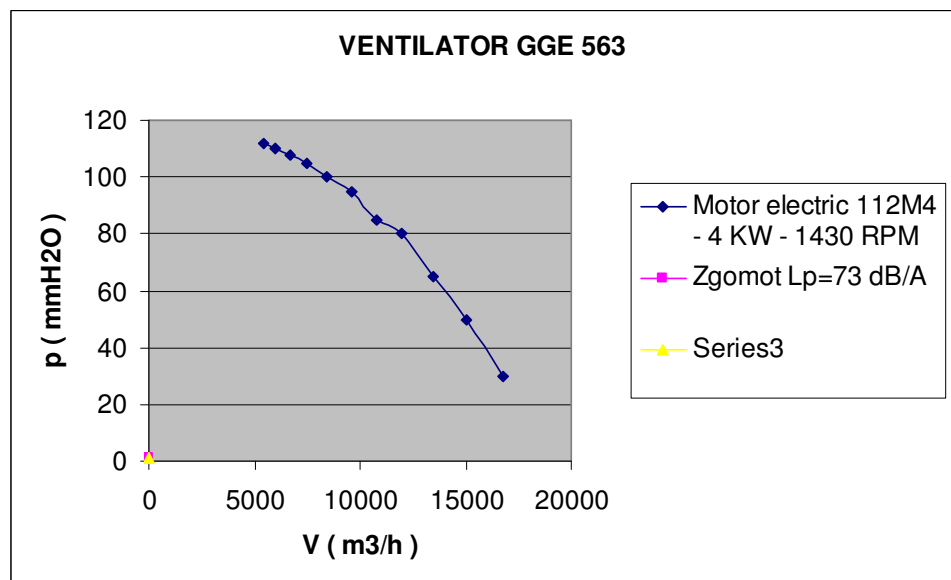
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 2400 | 38 |
| 3000 | 36 |
| 3360 | 35 |
| 3780 | 34 |
| 4260 | 33 |
| 4800 | 31 |
| 5400 | 28 |
| 6000 | 24 |
| 6720 | 19 |



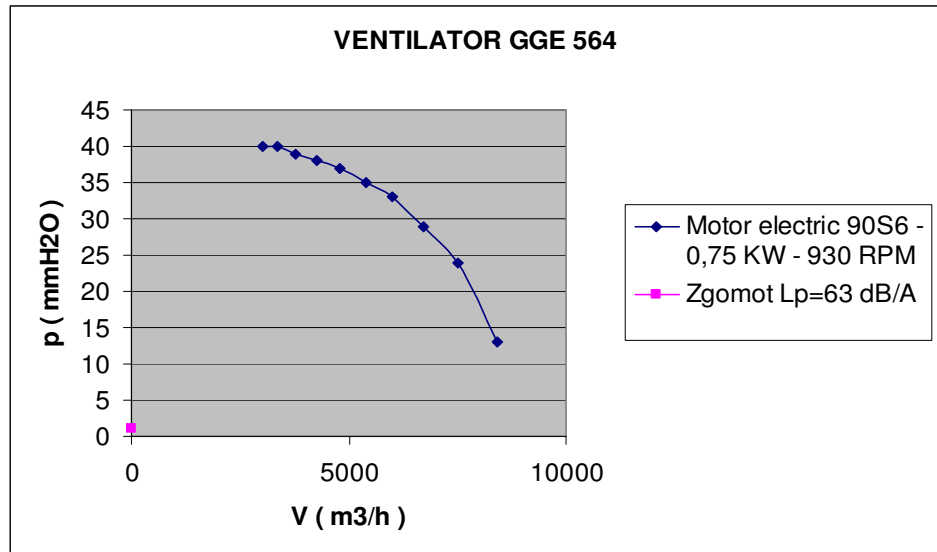
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 4800 | 100 |
| 5400 | 100 |
| 6000 | 99 |
| 6720 | 98 |
| 7500 | 95 |
| 8400 | 90 |
| 9600 | 84 |
| 10800 | 75 |
| 12000 | 62 |
| 13500 | 32 |



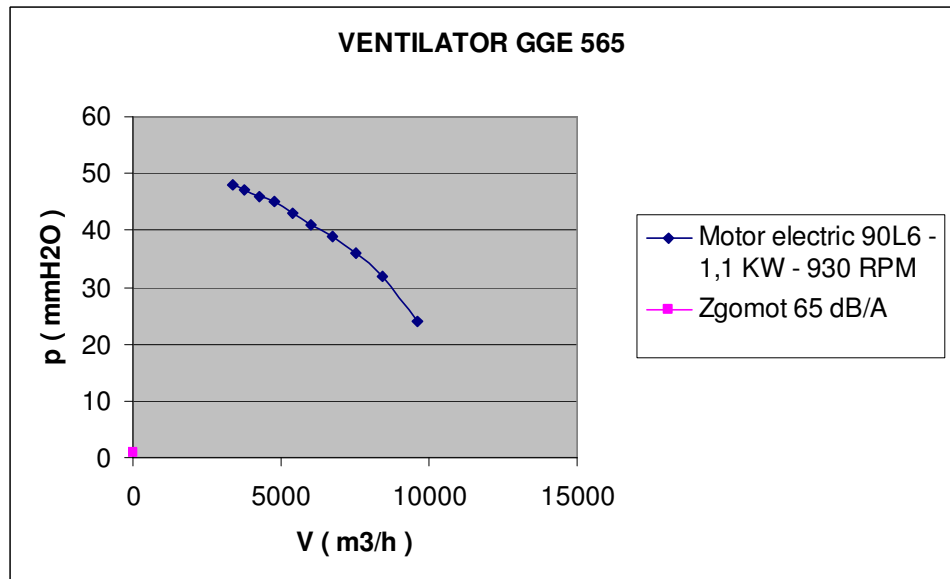
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 5400 | 112 |
| 6000 | 110 |
| 6720 | 108 |
| 7500 | 105 |
| 8400 | 100 |
| 9600 | 95 |
| 10800 | 85 |
| 12000 | 80 |
| 13500 | 65 |
| 15000 | 50 |
| 16800 | 30 |



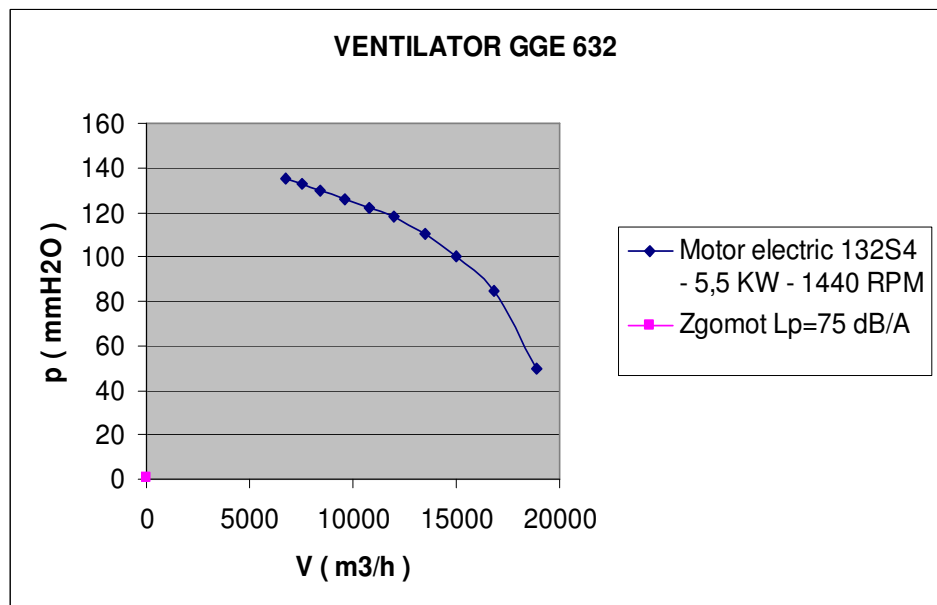
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 3000 | 40 |
| 3360 | 40 |
| 3780 | 39 |
| 4260 | 38 |
| 4800 | 37 |
| 5400 | 35 |
| 6000 | 33 |
| 6720 | 29 |
| 7500 | 24 |
| 8400 | 13 |



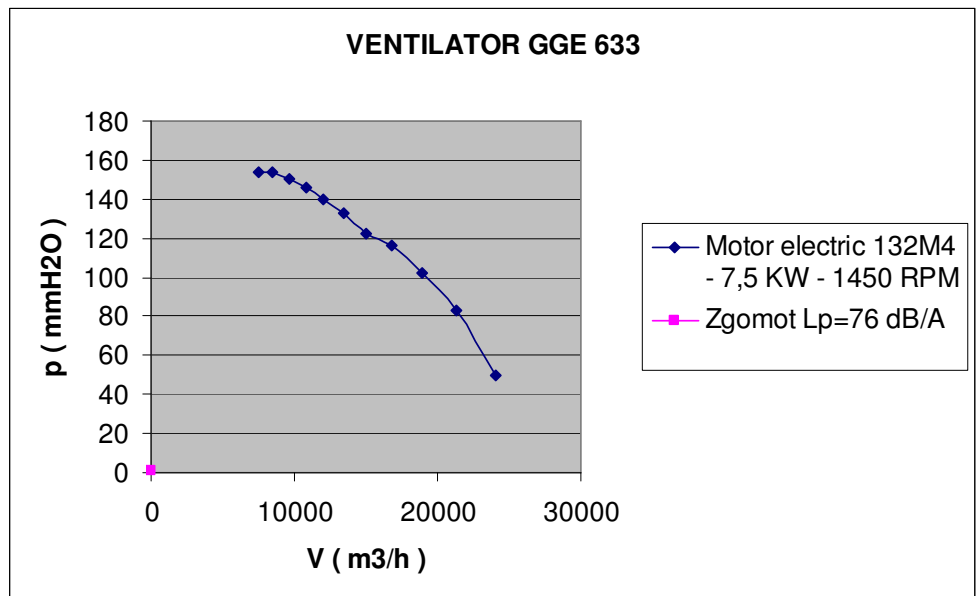
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 3360 | 48 |
| 3780 | 47 |
| 4260 | 46 |
| 4800 | 45 |
| 5400 | 43 |
| 6000 | 41 |
| 6720 | 39 |
| 7500 | 36 |
| 8400 | 32 |
| 9600 | 24 |



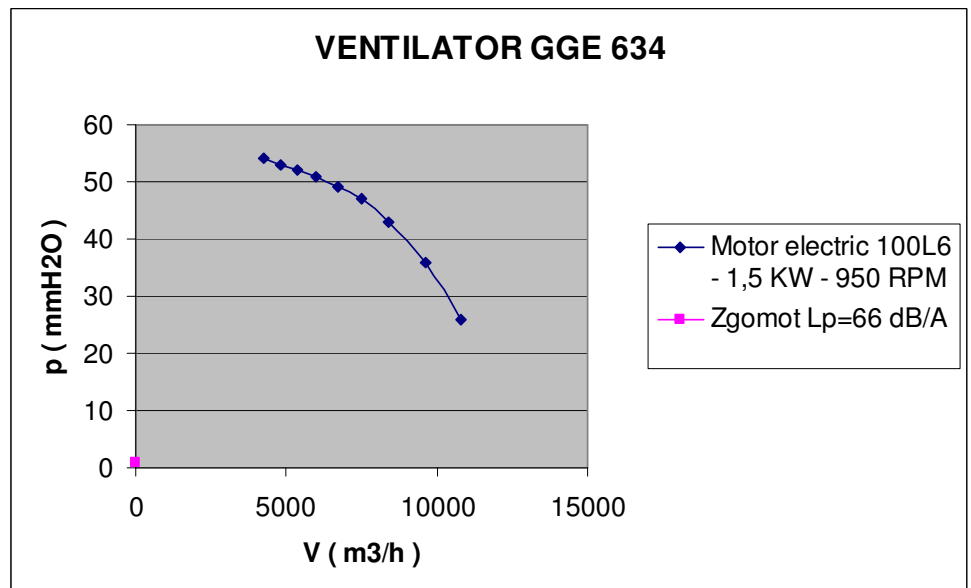
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 6720 | 135 |
| 7500 | 133 |
| 8400 | 130 |
| 9600 | 126 |
| 10800 | 122 |
| 12000 | 118 |
| 13500 | 110 |
| 15000 | 100 |
| 16800 | 85 |
| 18900 | 50 |



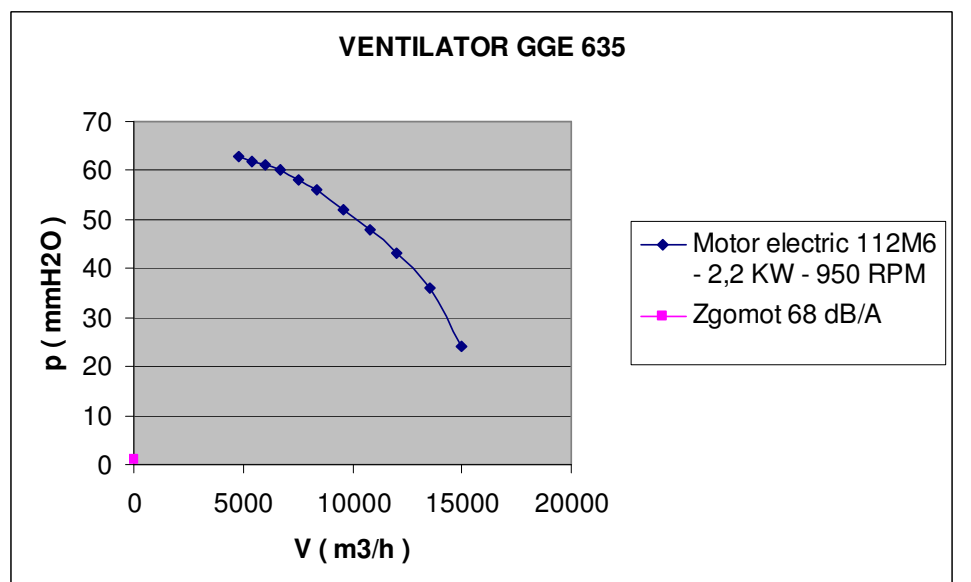
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 7500 | 154 |
| 8400 | 154 |
| 9600 | 150 |
| 10800 | 146 |
| 12000 | 140 |
| 13500 | 133 |
| 15000 | 122 |
| 16800 | 116 |
| 18900 | 102 |
| 21300 | 83 |
| 24000 | 50 |



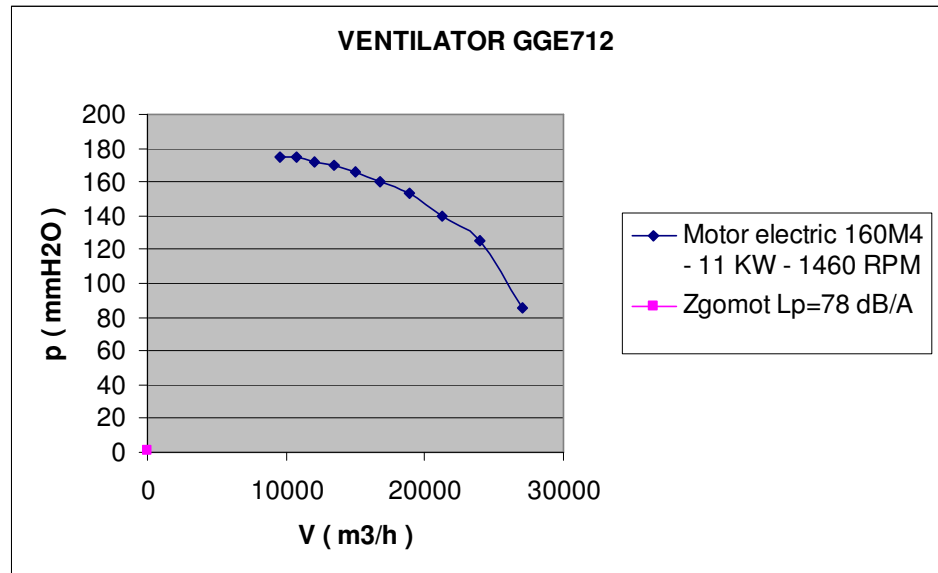
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 4260 | 54 |
| 4800 | 53 |
| 5400 | 52 |
| 6000 | 51 |
| 6720 | 49 |
| 7500 | 47 |
| 8400 | 43 |
| 9600 | 36 |
| 10800 | 26 |



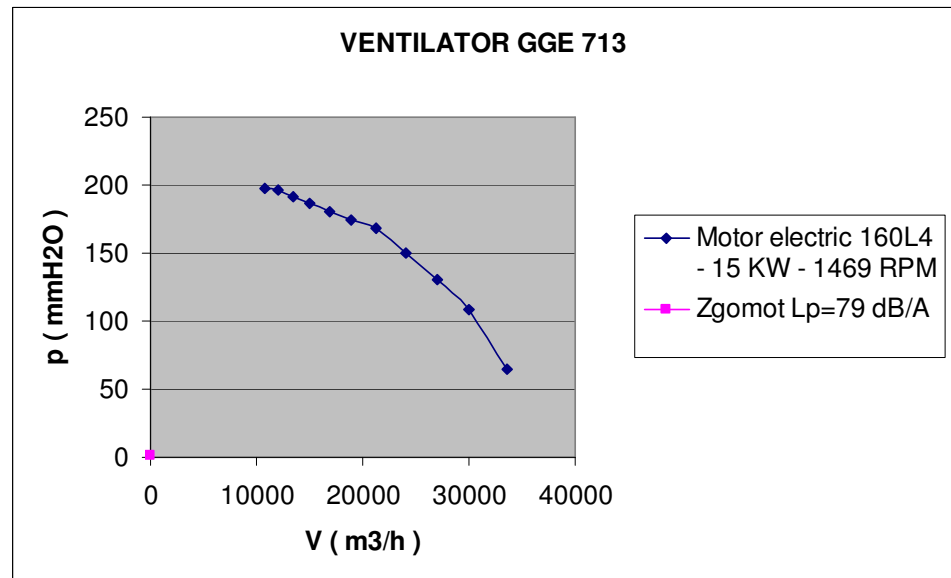
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 4800 | 63 |
| 5400 | 62 |
| 6000 | 61 |
| 6720 | 60 |
| 7500 | 58 |
| 8400 | 56 |
| 9600 | 52 |
| 10800 | 48 |
| 12000 | 43 |
| 13500 | 36 |
| 15000 | 24 |



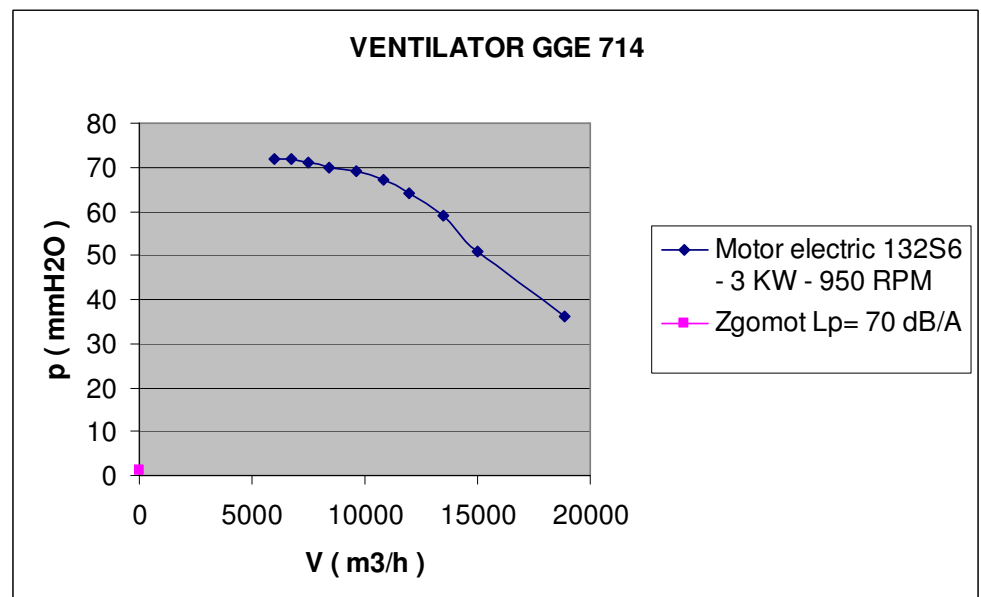
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 9600 | 175 |
| 10800 | 175 |
| 12000 | 172 |
| 13500 | 170 |
| 15000 | 166 |
| 16800 | 160 |
| 18900 | 153 |
| 21300 | 140 |
| 24000 | 125 |
| 27000 | 85 |



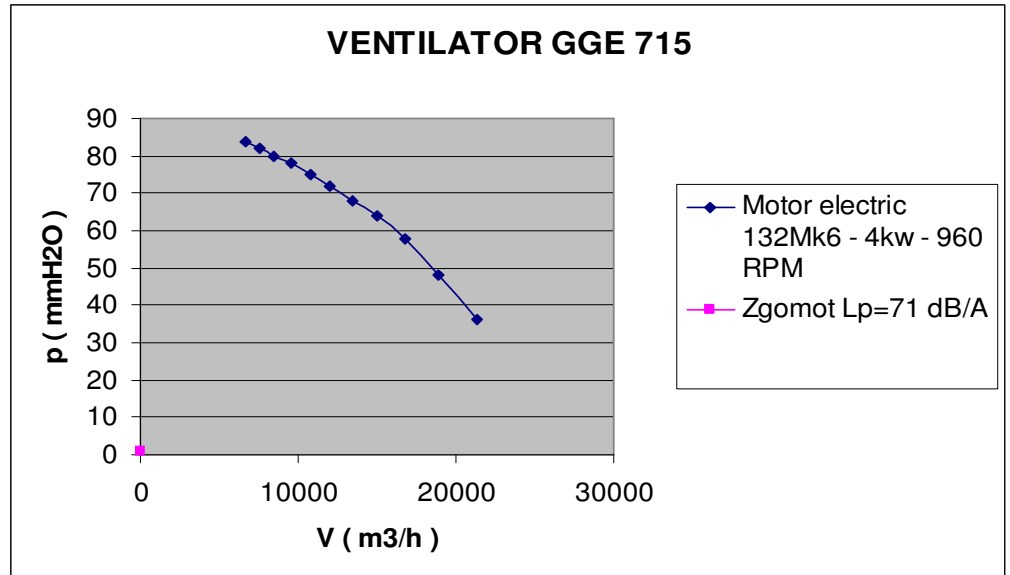
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 10800 | 198 |
| 12000 | 196 |
| 13500 | 192 |
| 15000 | 186 |
| 16800 | 180 |
| 18900 | 174 |
| 21300 | 168 |
| 24000 | 150 |
| 27000 | 130 |
| 30000 | 108 |
| 33600 | 65 |



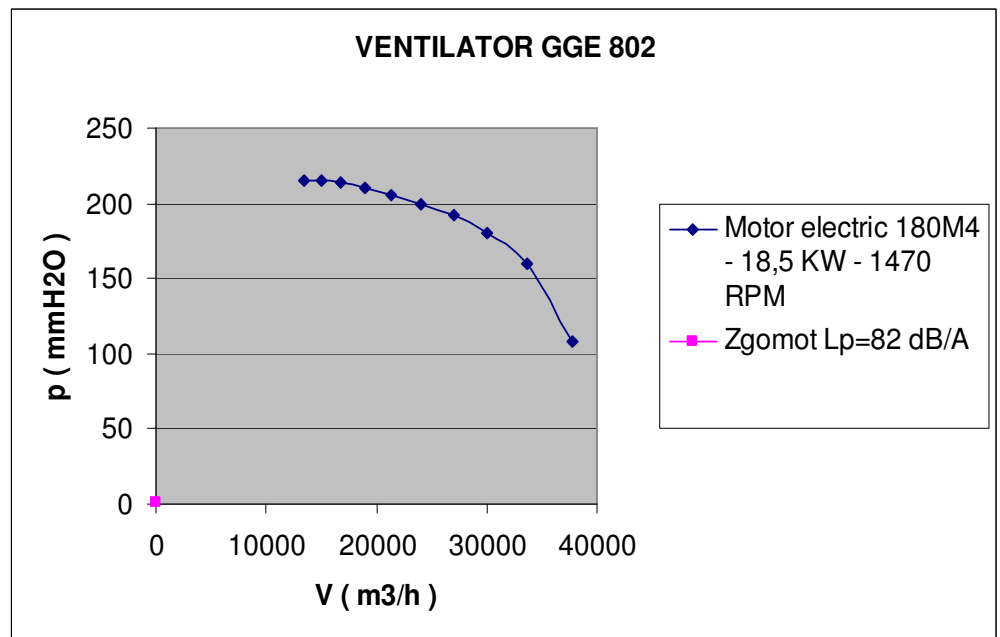
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 6000 | 72 |
| 6720 | 72 |
| 7500 | 71 |
| 8400 | 70 |
| 9600 | 69 |
| 10800 | 67 |
| 12000 | 64 |
| 13500 | 59 |
| 15000 | 51 |
| 18900 | 36 |



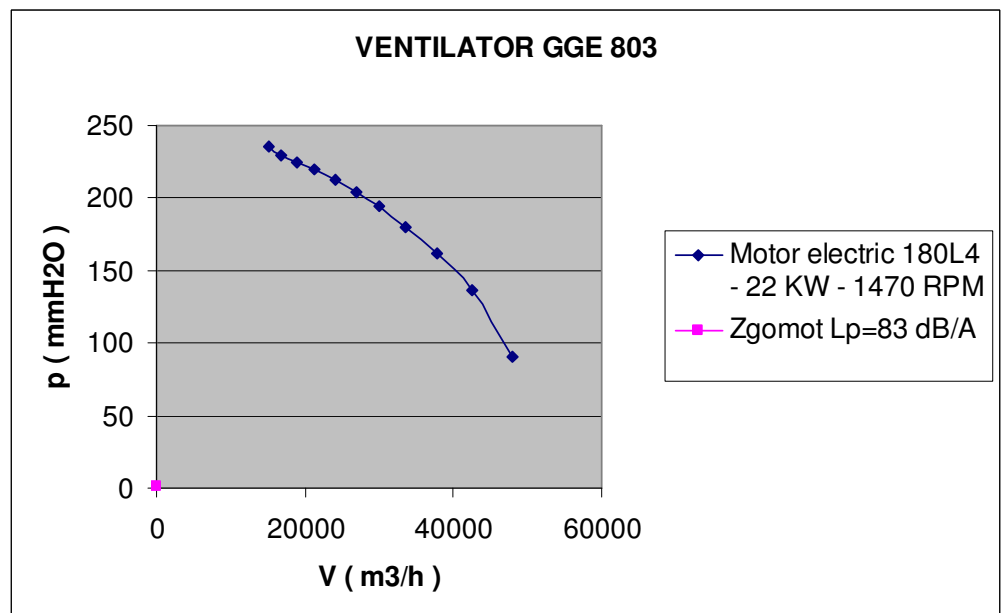
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 6720 | 84 |
| 7500 | 82 |
| 8400 | 80 |
| 9600 | 78 |
| 10800 | 75 |
| 12000 | 72 |
| 13500 | 68 |
| 15000 | 64 |
| 16800 | 58 |
| 18900 | 48 |
| 21300 | 36 |



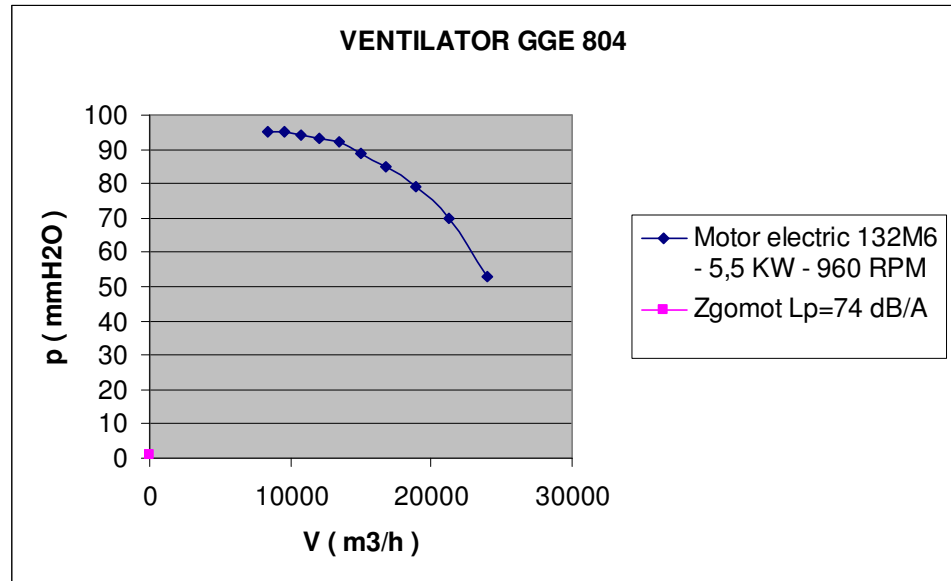
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 13500 | 215 |
| 15000 | 215 |
| 16800 | 214 |
| 18900 | 210 |
| 21300 | 205 |
| 24000 | 200 |
| 27000 | 192 |
| 30000 | 180 |
| 33600 | 160 |
| 37800 | 108 |



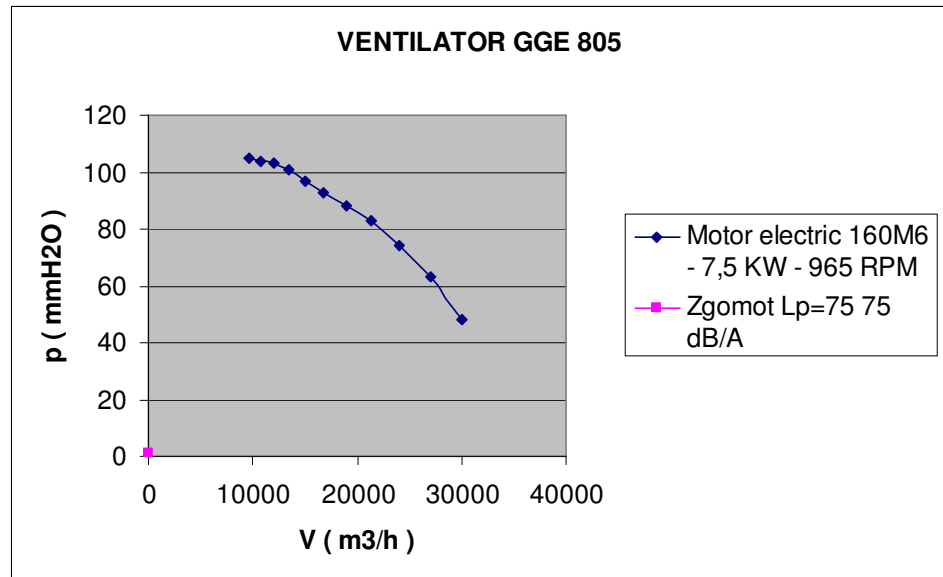
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 15000 | 235 |
| 16800 | 230 |
| 18900 | 225 |
| 21300 | 220 |
| 24000 | 212 |
| 27000 | 204 |
| 30000 | 195 |
| 33600 | 180 |
| 37800 | 162 |
| 42600 | 136 |
| 48000 | 90 |



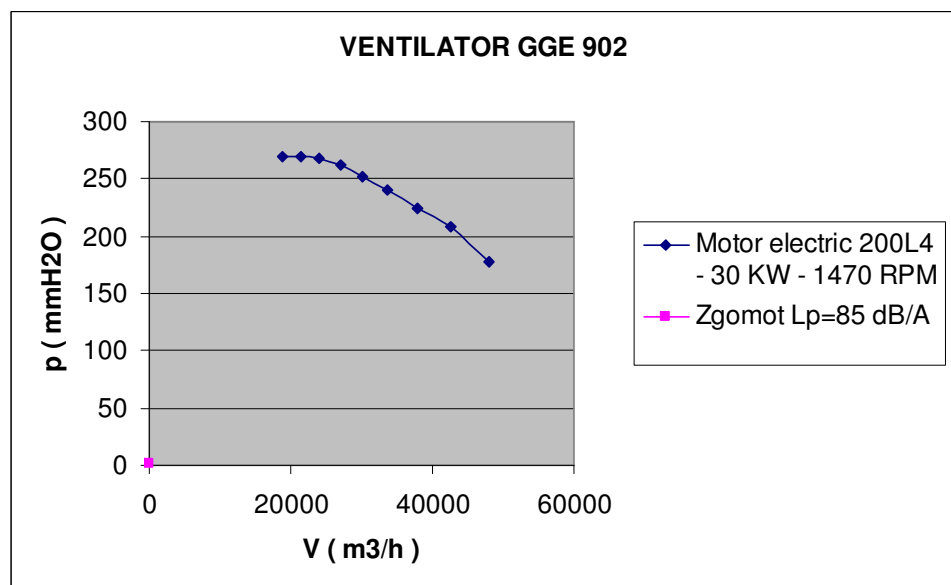
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 8400 | 95 |
| 9600 | 95 |
| 10800 | 94 |
| 12000 | 93 |
| 13500 | 92 |
| 15000 | 89 |
| 16800 | 85 |
| 18900 | 79 |
| 21300 | 70 |
| 24000 | 53 |



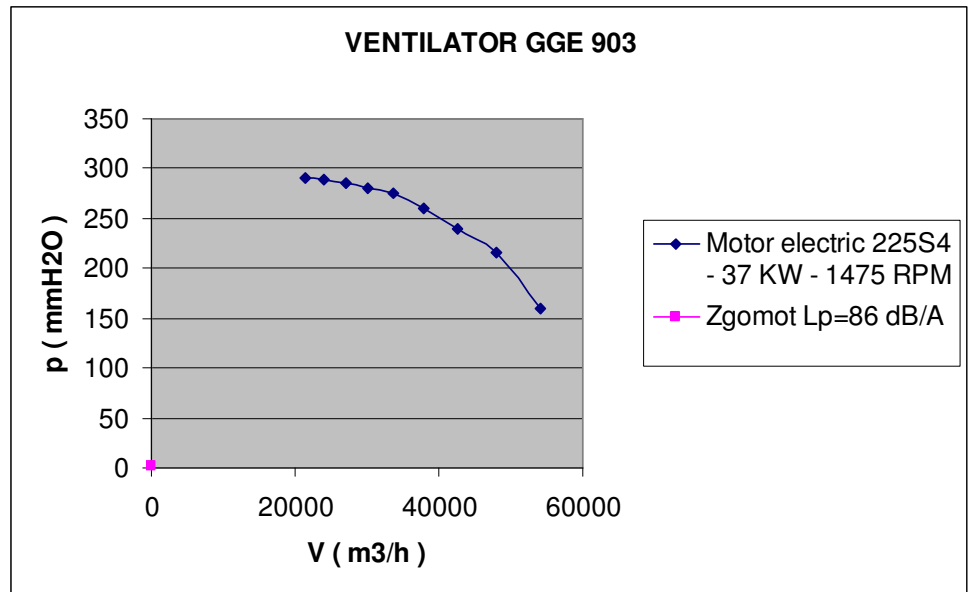
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 9600 | 105 |
| 10800 | 104 |
| 12000 | 103 |
| 13500 | 101 |
| 15000 | 97 |
| 16800 | 93 |
| 18900 | 88 |
| 21300 | 83 |
| 24000 | 74 |
| 27000 | 63 |
| 30000 | 48 |



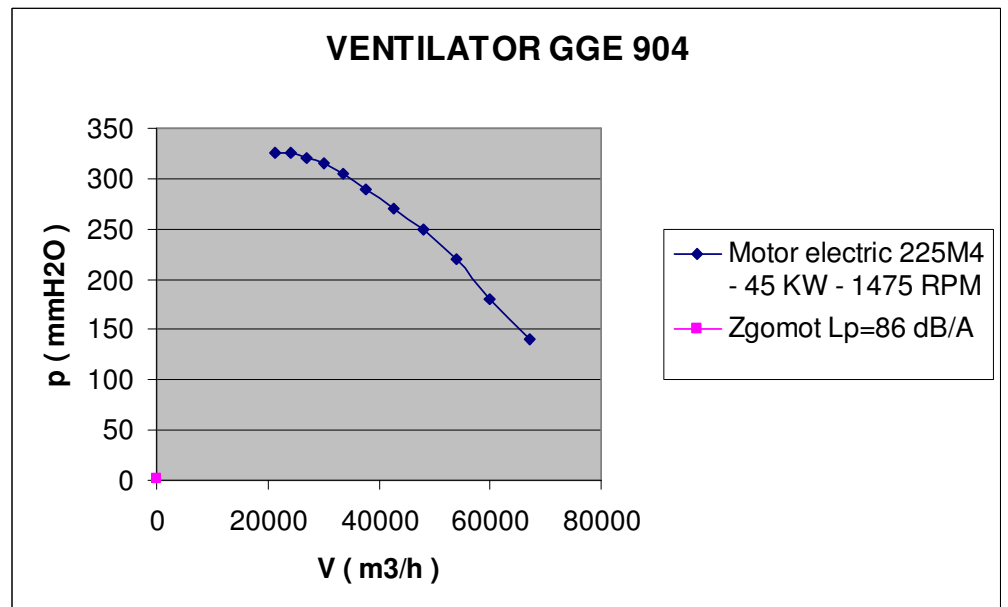
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 18900 | 270 |
| 21300 | 270 |
| 24000 | 268 |
| 27000 | 262 |
| 30000 | 252 |
| 33600 | 240 |
| 37800 | 225 |
| 42600 | 208 |
| 48000 | 177 |



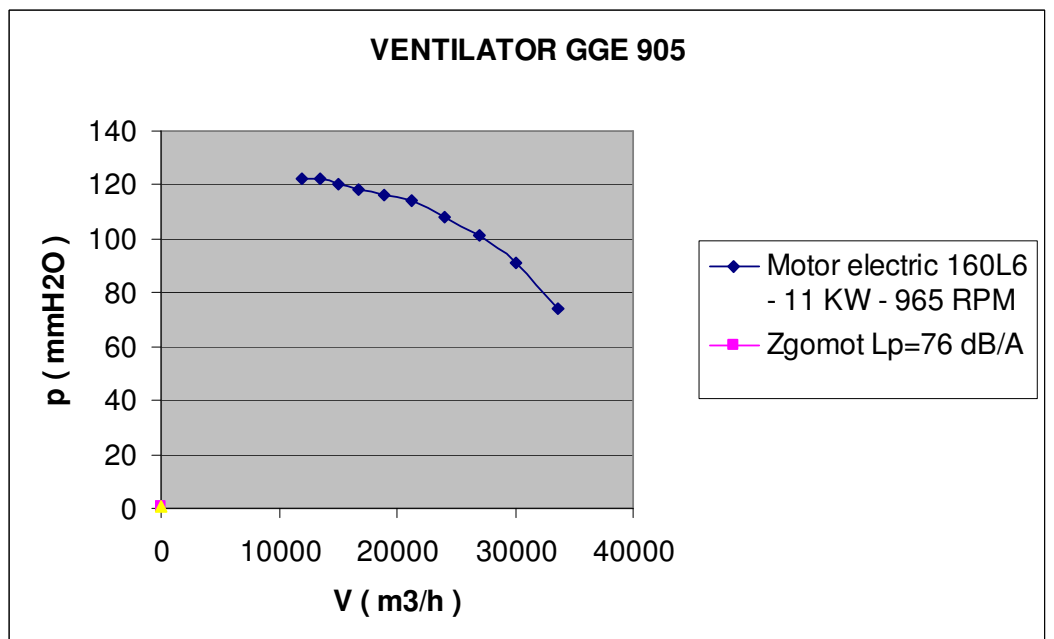
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 21300 | 290 |
| 24000 | 288 |
| 27000 | 285 |
| 30000 | 280 |
| 33600 | 275 |
| 37800 | 260 |
| 42600 | 240 |
| 48000 | 215 |
| 54000 | 160 |



| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 21300 | 325 |
| 24000 | 325 |
| 27000 | 320 |
| 30000 | 315 |
| 33600 | 305 |
| 37800 | 290 |
| 42600 | 270 |
| 48000 | 250 |
| 54000 | 220 |
| 60000 | 180 |
| 67200 | 140 |



| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 12000 | 122 |
| 13500 | 122 |
| 15000 | 120 |
| 16800 | 118 |
| 18900 | 116 |
| 21300 | 114 |
| 24000 | 108 |
| 27000 | 101 |
| 30000 | 91 |
| 33600 | 74 |



| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 13500 | 134 |
| 15000 | 133 |
| 16800 | 130 |
| 18900 | 127 |
| 21300 | 123 |
| 24000 | 118 |
| 27000 | 112 |
| 30000 | 105 |
| 33600 | 96 |
| 37800 | 84 |
| 42600 | 65 |

