



VENTILATOARE CENTRIFUGALE DE JOASA SI MEDIE PRESIUNE GGS

APLICATII

Ventilatoarele centrifugale **GGS** prevazute cu turbine cu palete deschise prezentate in acest catalog, sunt potrivite pentru aspirare de aer foarte prafuit cu diferite materiale in suspensie. Gasim intrebuintarea lor in industria lemnului, legatoriile de carti, fabrici de hartie si in toate aplicatiile unde o turbina de constructie normala nu poate functiona la parametri optimi. Aceste ventilatoare sunt prevazute pentru transport de aer prafuit cu o temperatura de maxim 80 °C.

INSTALARE

Ventilatoarele din aceasta serie sunt facute dupa normele internationale EUROVENT. Sensul de rotatie a turbinei si pozitia gurii de iesire sunt aratate privind ventilatorul din latul motorului.

CARACTERISTICI TEHNICE

Ventilatorul GGS este construit cu carcasa din tabla de otel OL37 sudata si intarita, turbina cu palete deschise din tabla de otel OL 37 sudata si echilibrata dinamic, suportul pentru motor este din profile de otel OL 37 legat la carcasa ventilatorului, gurile de intrare si iesire sunt normalizate dupa DIN 24154-24158 seria 3.

MOTOARE

Ventilatoarele din aceasta serie sunt prevazute la montaj cu motoare asincron trifazate, constructie inchisa, ventilatie externa, protectie IP 54, forma constructiva B3, conform normelor internationale UNEL-MEC.

DEBIT SI PRESIUNE

Caracteristicile trecute in tabel au fost masurate la un aer cu temperatura de 15 °C ,o presiune barometrica de 760 mm/Hg si o greutate specifica de 1,226 kg/m³.

ZGOMOT

Valorile de presiune sonora indicate sunt exprimate in decibeli dB/A scala A si sunt masurate in camp liber la o distanta de 1,5 m de ventilator care functioneaza la un debit maxim legat la tubulatura.

VENTILATOR PENTRU AER CU MULT PRAF

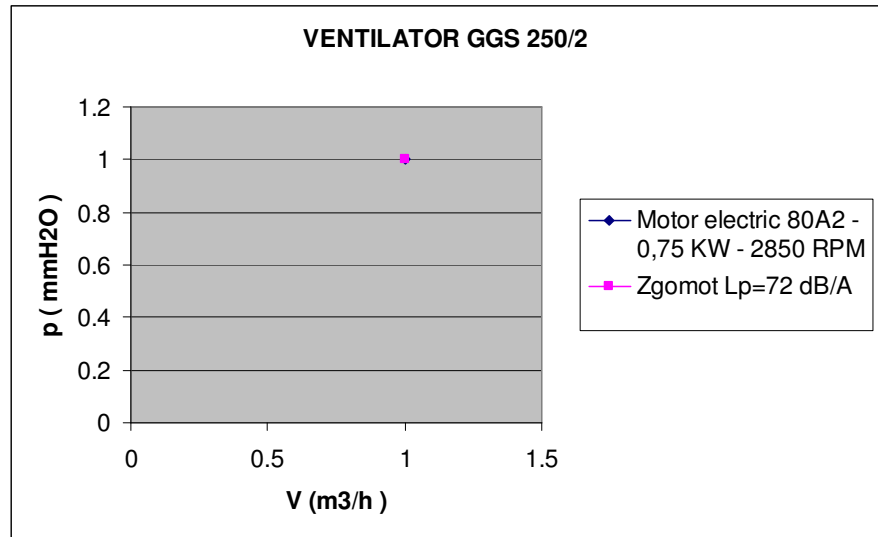


GGG

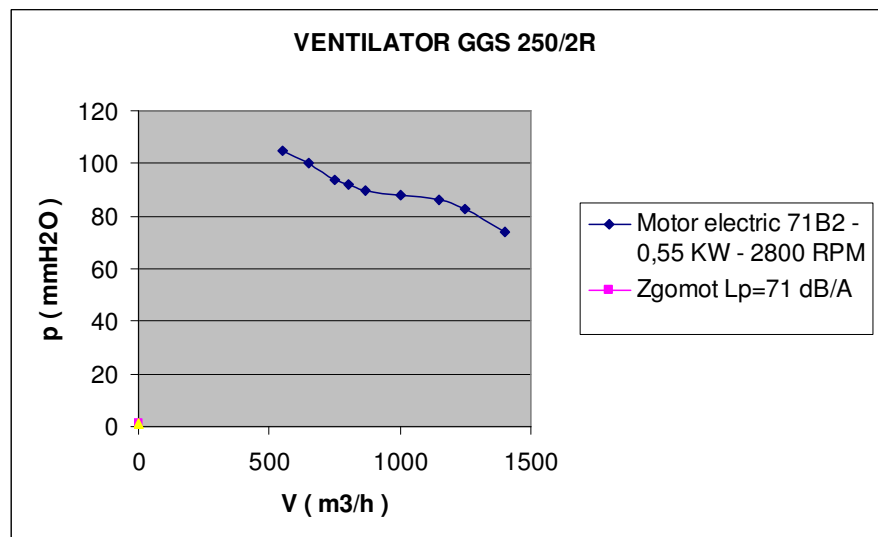
| Tip ventilator | Axu motor mm | HP mm | Putere kw | Rotatii min | Debitu m ³ /h | Presiune Kgf/m ² | Zgomot dB/A | Ø gurii intrare mm | Ø gurii lesire mm | Gabarit Ventilator mm | Prêt euro |
|----------------|--------------|-------|-----------|-------------|--------------------------|-----------------------------|-------------|--------------------|-------------------|-----------------------|-----------|
| VEGGS 250 2R | 14 | 0,75 | 0,55 | 2800 | 1400 | 74 | 71 | 185 | 148/207 | 441/526 | La cerere |
| VEGGS 250/2 | 19 | 1 | 0,75 | 2800 | 2000 | 86 | 72 | 185 | 148/207 | 441/526 | La cerere |
| VEGGS 280/2R | 19 | 1,5 | 1,1 | 2800 | 2500 | 84 | 73 | 205 | 166/231 | 447/610 | La cerere |
| VEGGS 280/2 | 24 | 2 | 1,5 | 2800 | 2500 | 120 | 74 | 205 | 166/231 | 447/610 | La cerere |
| VEGGS 310/2R | 24 | 2 | 1,5 | 2800 | 2750 | 125 | 76 | 228 | 185/258 | 527/658 | La cerere |
| VEGGS 310/2 | 24 | 3 | 2,2 | 2800 | 3500 | 135 | 77 | 228 | 185/258 | 527/658 | La cerere |
| VEGGS 350/2R | 28 | 4 | 3 | 2800 | 4300 | 150 | 79 | 255 | 205/288 | 600/740 | La cerere |
| VEGGS 350/2 | 28 | 5,5 | 4 | 2800 | 4700 | 180 | 80 | 255 | 205/288 | 600/740 | La cerere |
| VEGGS 400/2R | 38 | 7,5 | 5,5 | 2800 | 5400 | 200 | 83 | 285 | 229/322 | 665/815 | La cerere |
| VEGGS 400/2 | 38 | 10 | 7,5 | 2800 | 6200 | 260 | 84 | 285 | 229/322 | 665/815 | La cerere |
| VEGGS 450/2R | 38 | 12,5 | 9,2 | 2800 | 6850 | 310 | 86 | 320 | 256/361 | 735/915 | La cerere |
| VEGGS 450/2 | 42 | 15 | 11 | 2800 | 7200 | 335 | 87 | 320 | 256/361 | 735/915 | La cerere |
| VEGGS 500/2R | 42 | 20 | 15 | 2800 | 8300 | 337 | 90 | 360 | 288/404 | 832/1000 | La cerere |
| VEGGS 500/2T | 48 | 30 | 22 | 2800 | 12000 | 285 | 91 | 360 | 288/404 | 832/1000 | La cerere |
| VEGGS 450/4 | 24 | 2 | 1,5 | 1400 | 4300 | 55 | 71 | 320 | 256/361 | 735/915 | La cerere |
| VEGGS 500/4R | 28 | 3 | 2,2 | 1400 | 4300 | 69 | 72 | 360 | 288/404 | 832/1000 | La cerere |
| VEGGS 500/4 | 28 | 4 | 3 | 1400 | 6200 | 70 | 74 | 360 | 288/404 | 832/1000 | La cerere |
| VEGGS 560/4R | 28 | 5,5 | 4 | 1400 | 6200 | 88 | 75 | 405 | 322/453 | 940/1126 | La cerere |
| VEGGS 560/4 | 38 | 7,5 | 5,5 | 1400 | 8300 | 82 | 76 | 405 | 322/453 | 940/1126 | La cerere |
| VEGGS 630/4R | 38 | 10 | 7,5 | 1400 | 8300 | 109 | 78 | 455 | 361/507 | 1052/1260 | La cerere |
| VEGGS 630/4 | 42 | 15 | 11 | 1400 | 12000 | 110 | 80 | 455 | 361/507 | 1052/1260 | La cerere |
| VEGGS 710/4R | 42 | 15 | 11 | 1400 | 12000 | 148 | 83 | 505 | 404/569 | 1189/1416 | La cerere |
| VEGGS710/4 | 42 | 20 | 15 | 1400 | 17000 | 138 | 84 | 505 | 404/569 | 1189/1416 | La cerere |
| VEGGS 800/4R | 48 | 25 | 18,5 | 1400 | 17000 | 188 | 85 | 565 | 453/638 | 1340/1591 | La cerere |
| VEGGS 800/4T | 55 | 40 | 30 | 1400 | 23800 | 184 | 87 | 565 | 453/638 | 1340/1591 | La cerere |
| VEGGS 900/4RT | 60 | 50 | 37 | 1400 | 23800 | 267 | 90 | 635 | 507/715 | 1500/1780 | La cerere |
| VEGGS 900/4T | 60 | 60 | 45 | 1400 | 34000 | 276 | 92 | 635 | 507/715 | 1500/1780 | La cerere |
| VEGGS 1000/4RT | 65 | 75 | 55 | 1400 | 34000 | 298 | 96 | 715 | 569/801 | 1685/1992 | La cerere |
| VEGGS 1000/4T | 71 | 100 | 75 | 1400 | 47000 | 320 | 97 | 715 | 569/801 | 1685/1993 | 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.
- Aceste ventilatoare sunt prevazute pentru transport de aer prafuit cu temperatura de pana la 80 °C . Pentru temperaturi mai ridicate contactati biroul tehnic.

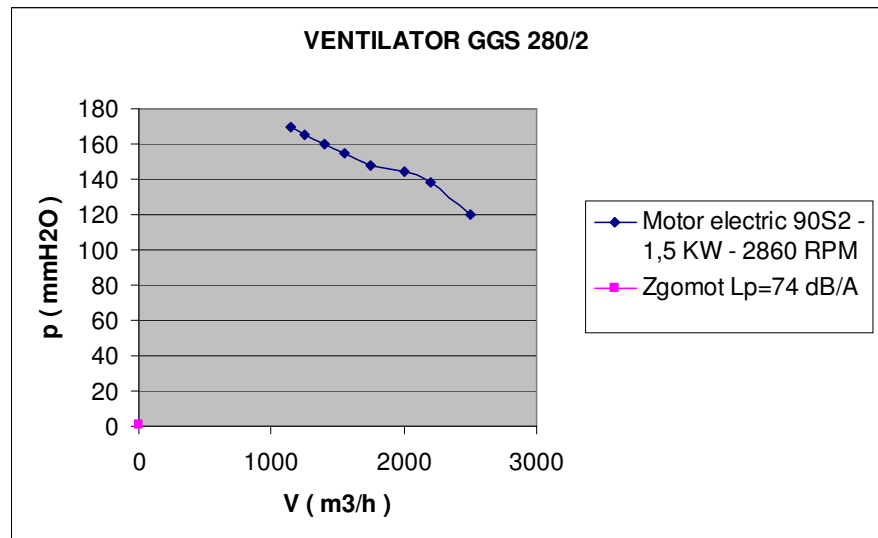
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 750 | 133 |
| 800 | 130 |
| 870 | 128 |
| 1000 | 124 |
| 1150 | 118 |
| 1250 | 115 |
| 1400 | 107 |
| 1550 | 99 |
| 1750 | 92 |
| 2000 | 86 |



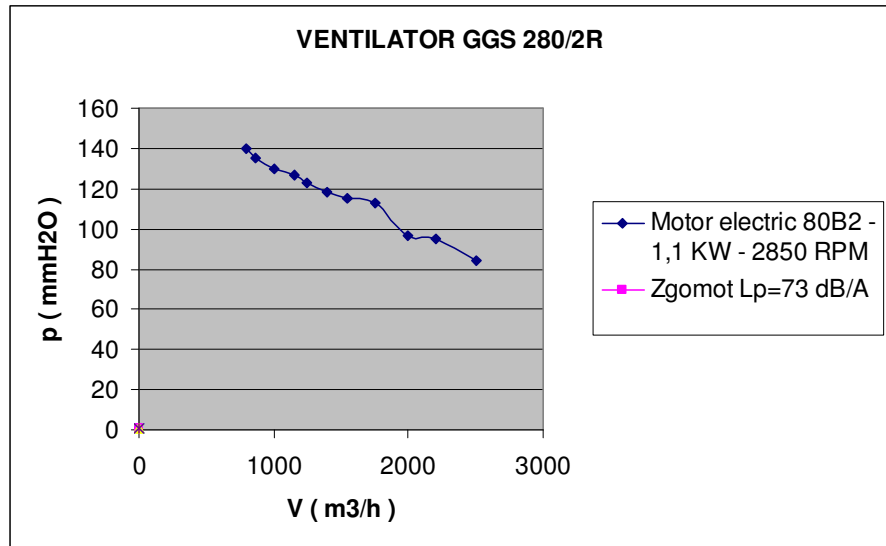
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|-------|----------|
| m3/h | mmH2O |
| 550 | 105 |
| 650 | 100 |
| 750 | 94 |
| 800 | 92 |
| 870 | 90 |
| 1000 | 88 |
| 1150 | 86 |
| 1250 | 83 |
| 1400 | 74 |



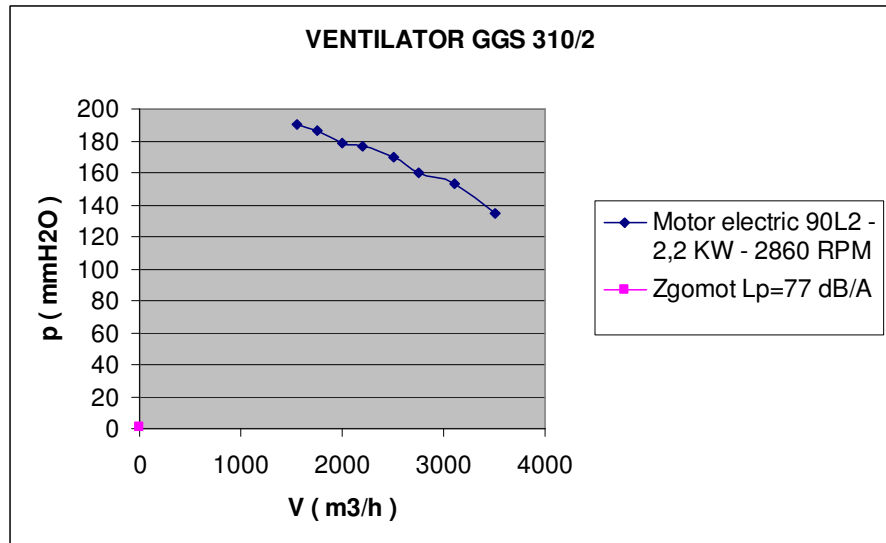
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 1150 | 170 |
| 1250 | 165 |
| 1400 | 160 |
| 1550 | 155 |
| 1750 | 148 |
| 2000 | 144 |
| 2200 | 138 |
| 2500 | 120 |



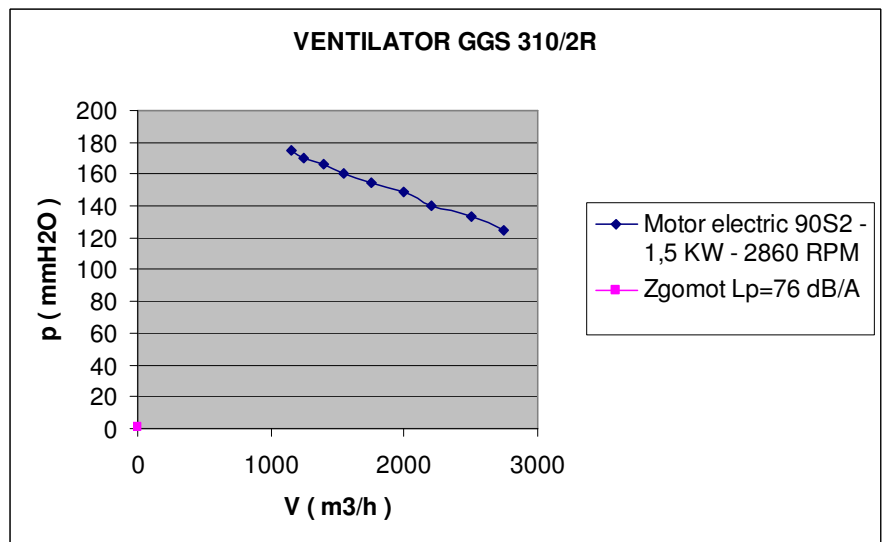
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 800 | 140 |
| 870 | 135 |
| 1000 | 130 |
| 1150 | 127 |
| 1250 | 123 |
| 1400 | 118 |
| 1550 | 115 |
| 1750 | 113 |
| 2000 | 97 |
| 2200 | 95 |
| 2500 | 84 |



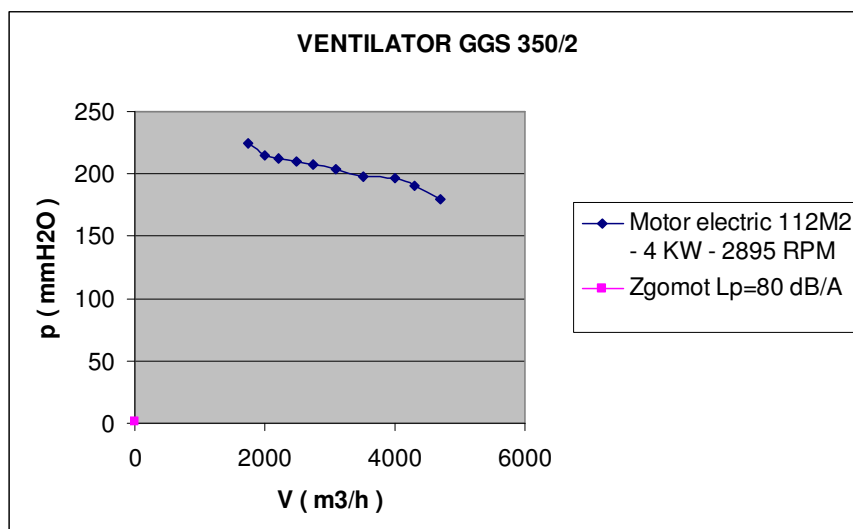
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 1550 | 190 |
| 1750 | 186 |
| 2000 | 179 |
| 2200 | 177 |
| 2500 | 170 |
| 2750 | 160 |
| 3100 | 153 |
| 3500 | 135 |



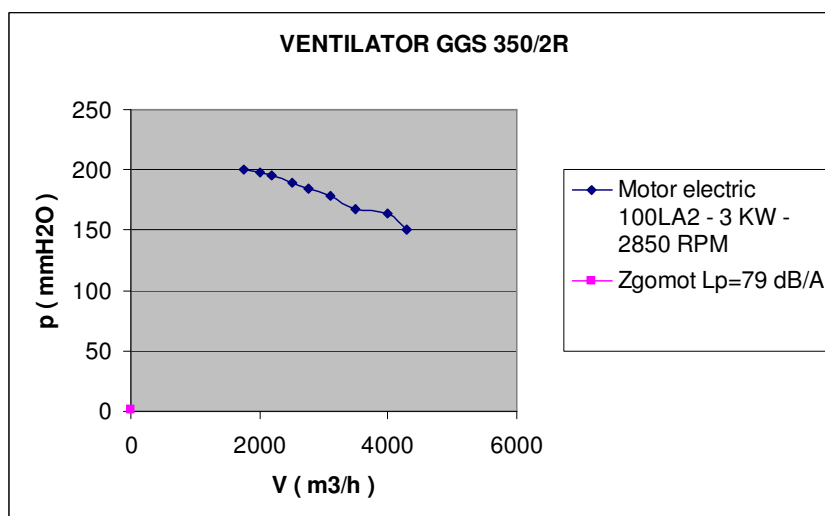
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 1150 | 175 |
| 1250 | 170 |
| 1400 | 166 |
| 1550 | 160 |
| 1750 | 155 |
| 2000 | 149 |
| 2200 | 140 |
| 2500 | 133 |
| 2750 | 125 |



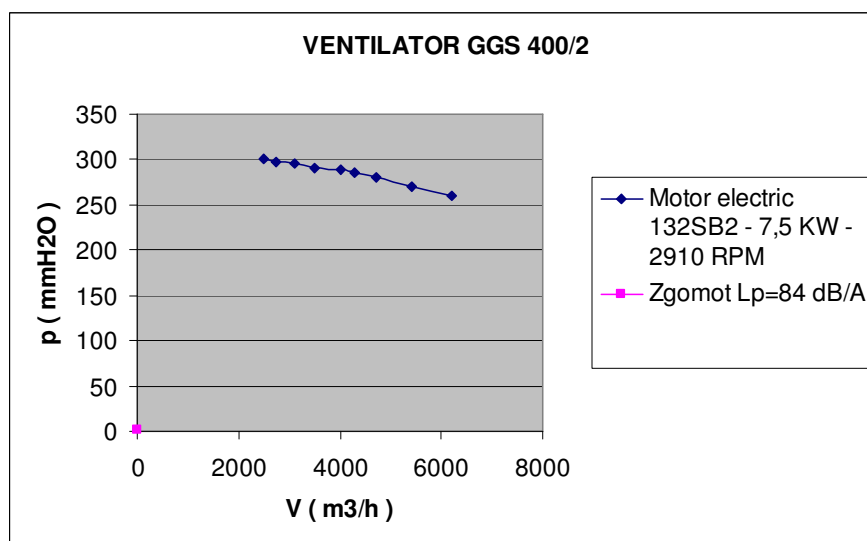
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 1750 | 225 |
| 2000 | 215 |
| 2200 | 212 |
| 2500 | 210 |
| 2750 | 208 |
| 3100 | 204 |
| 3500 | 198 |
| 4000 | 197 |
| 4300 | 190 |
| 4700 | 180 |



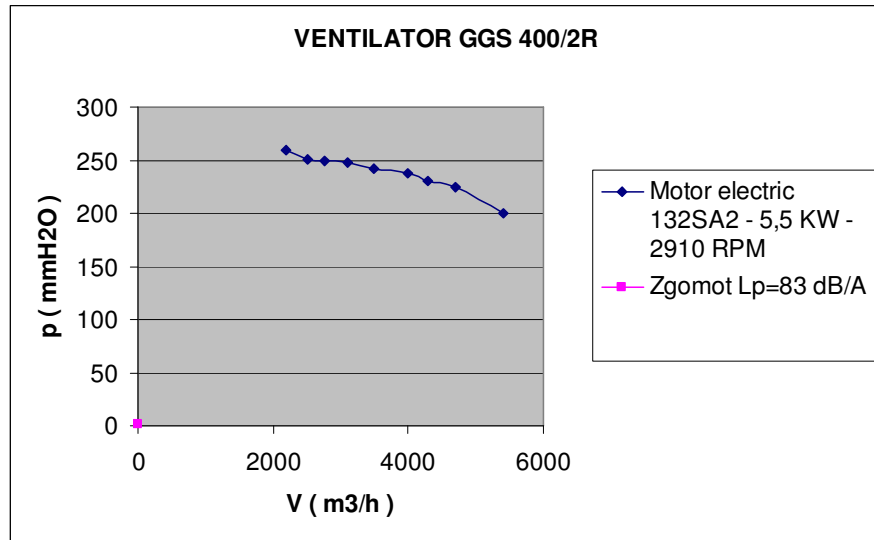
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|-------|----------|
| m3/h | mmH2O |
| 1750 | 200 |
| 2000 | 198 |
| 2200 | 195 |
| 2500 | 189 |
| 2750 | 185 |
| 3100 | 178 |
| 3500 | 168 |
| 4000 | 164 |
| 4300 | 150 |



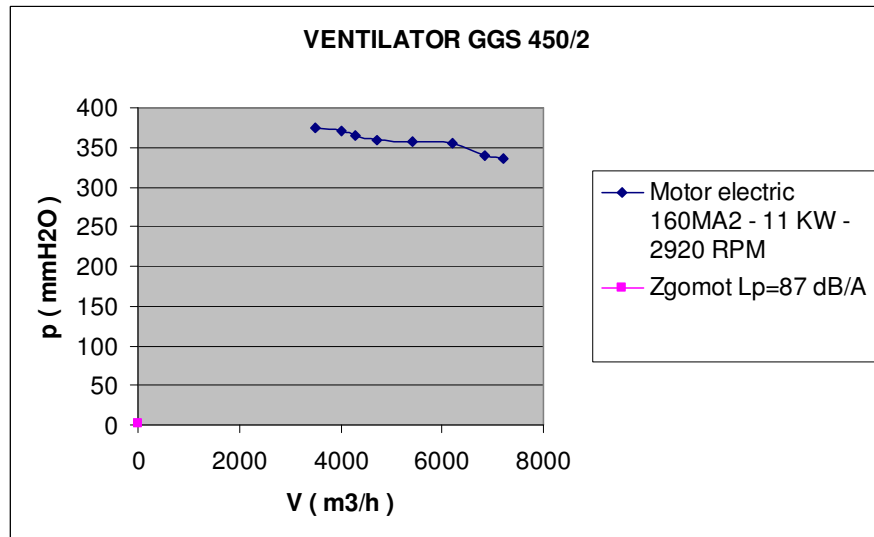
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 2500 | 300 |
| 2750 | 297 |
| 3100 | 295 |
| 3500 | 290 |
| 4000 | 288 |
| 4300 | 285 |
| 4700 | 280 |
| 5400 | 270 |
| 6200 | 260 |



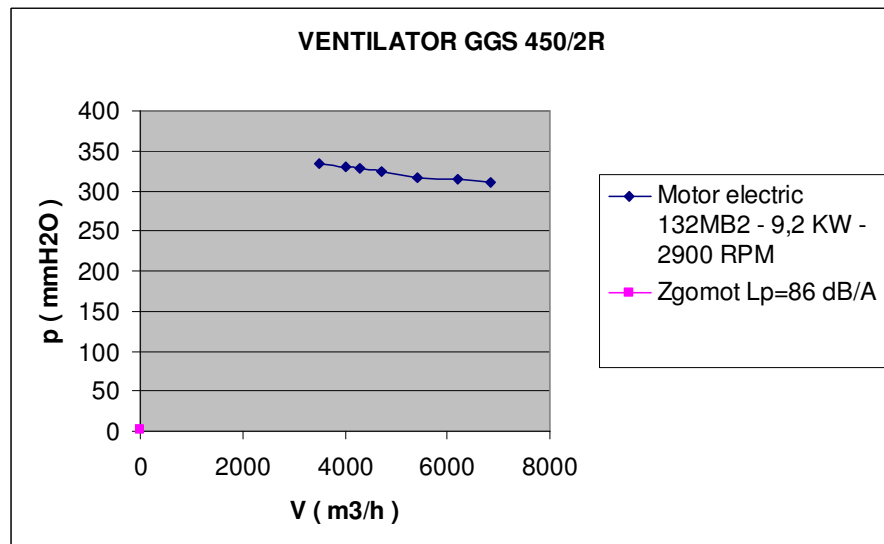
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 2200 | 260 |
| 2500 | 251 |
| 2750 | 250 |
| 3100 | 248 |
| 3500 | 242 |
| 4000 | 238 |
| 4300 | 230 |
| 4700 | 225 |
| 5400 | 200 |



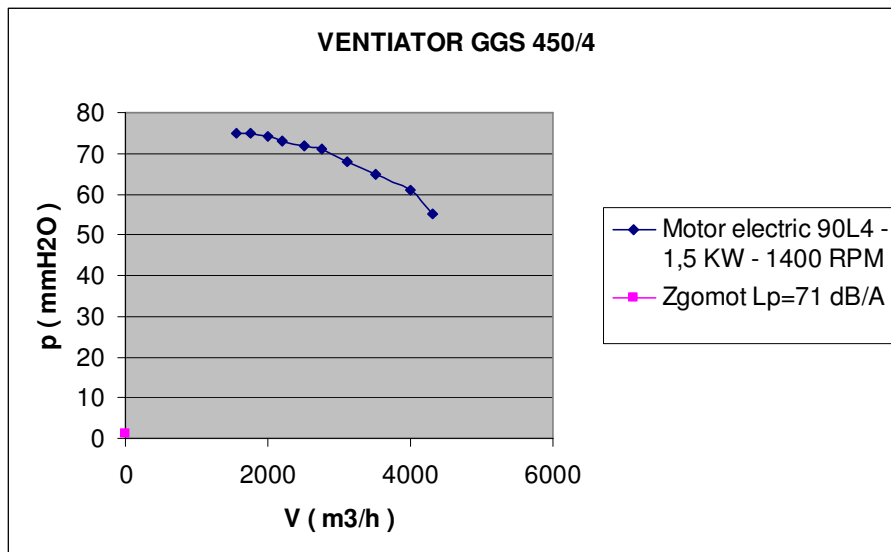
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 3500 | 375 |
| 4000 | 370 |
| 4300 | 365 |
| 4700 | 360 |
| 5400 | 358 |
| 6200 | 355 |
| 6850 | 340 |
| 7200 | 335 |



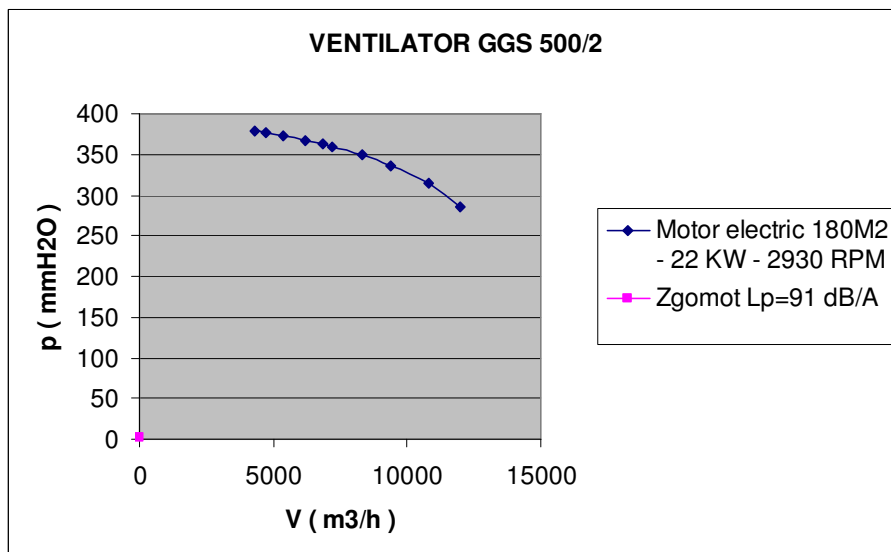
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 3500 | 334 |
| 4000 | 330 |
| 4300 | 328 |
| 4700 | 325 |
| 5400 | 317 |
| 6200 | 315 |
| 6850 | 310 |



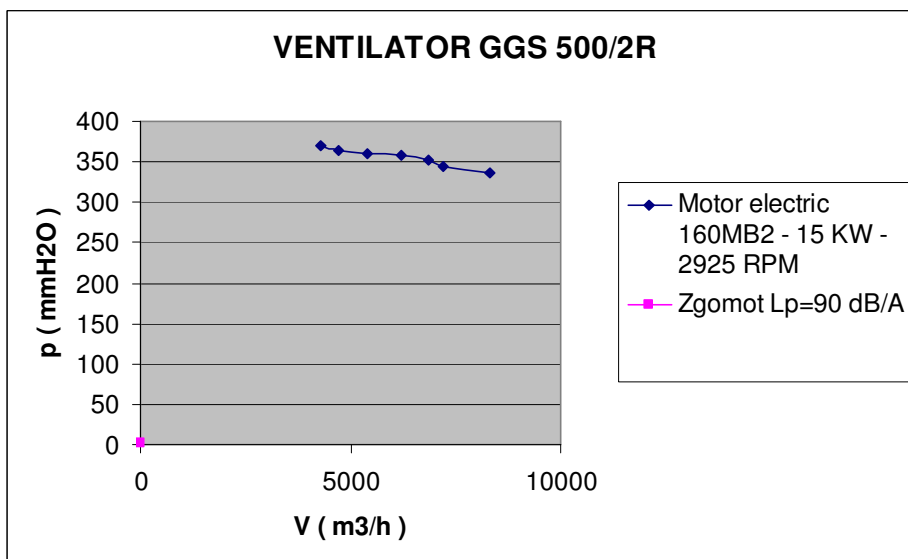
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 1550 | 75 |
| 1750 | 75 |
| 2000 | 74 |
| 2200 | 73 |
| 2500 | 72 |
| 2750 | 71 |
| 3100 | 68 |
| 3500 | 65 |
| 4000 | 61 |
| 4300 | 55 |



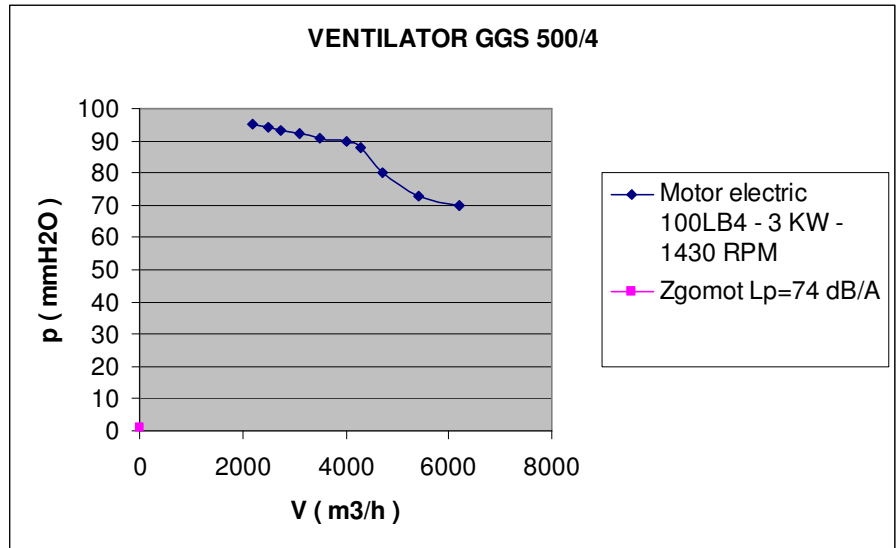
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 4300 | 378 |
| 4700 | 376 |
| 5400 | 372 |
| 6200 | 367 |
| 6850 | 363 |
| 7200 | 360 |
| 8300 | 350 |
| 9400 | 335 |
| 10800 | 315 |
| 12000 | 285 |



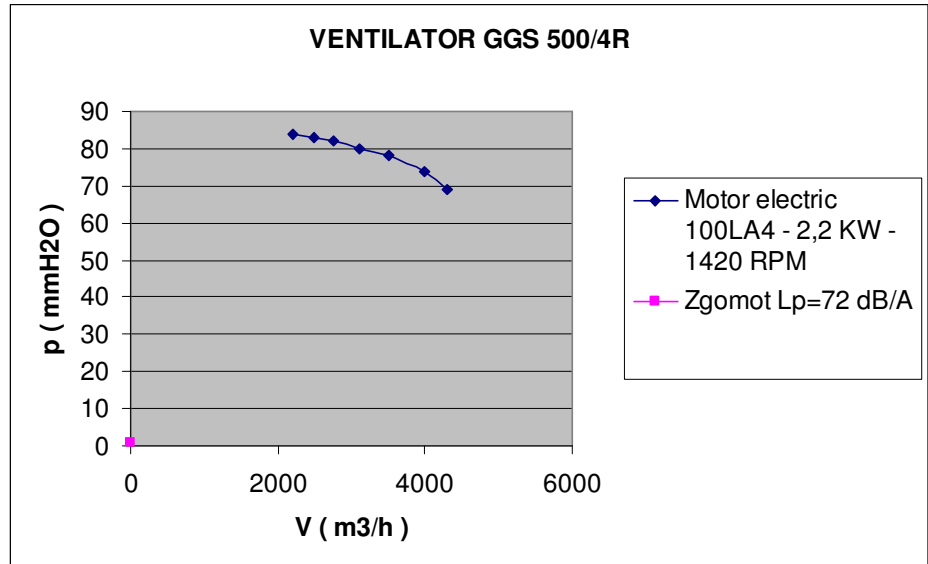
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 4300 | 370 |
| 4700 | 365 |
| 5400 | 360 |
| 6200 | 358 |
| 6850 | 353 |
| 7200 | 344 |
| 8300 | 337 |



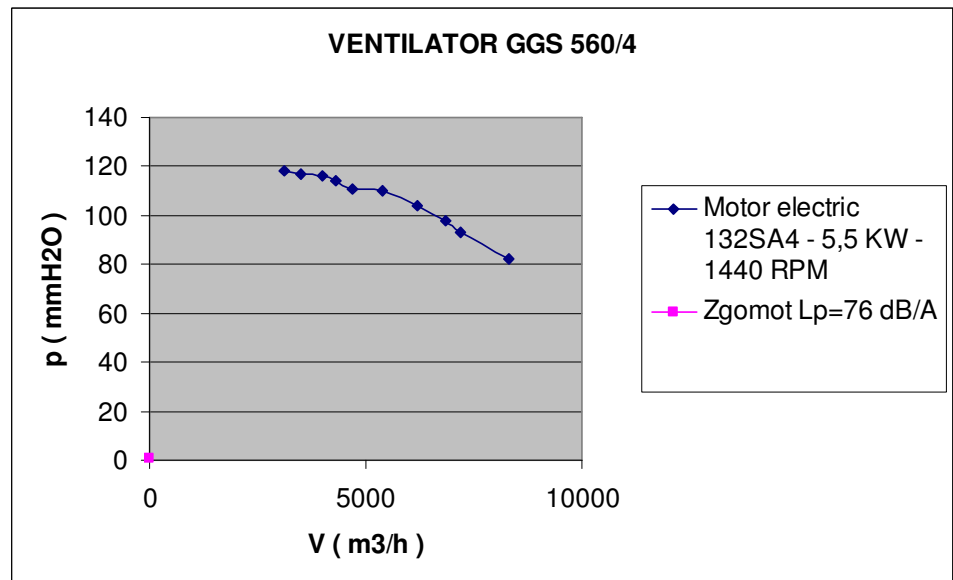
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 2200 | 95 |
| 2500 | 94 |
| 2750 | 93 |
| 3100 | 92 |
| 3500 | 91 |
| 4000 | 90 |
| 4300 | 88 |
| 4700 | 80 |
| 5400 | 73 |
| 6200 | 70 |



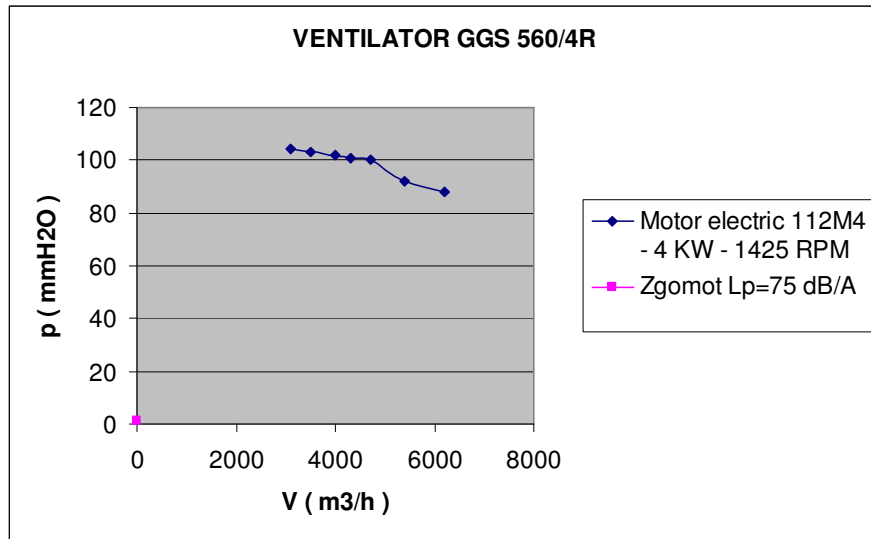
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 2200 | 84 |
| 2500 | 83 |
| 2750 | 82 |
| 3100 | 80 |
| 3500 | 78 |
| 4000 | 74 |
| 4300 | 69 |



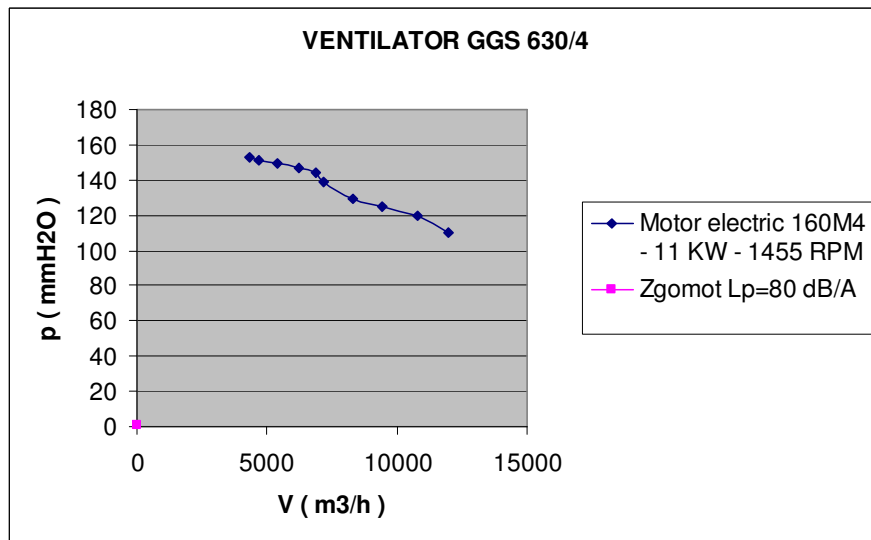
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 3100 | 118 |
| 3500 | 117 |
| 4000 | 116 |
| 4300 | 114 |
| 4700 | 111 |
| 5400 | 110 |
| 6200 | 104 |
| 6850 | 98 |
| 7200 | 93 |
| 8300 | 82 |



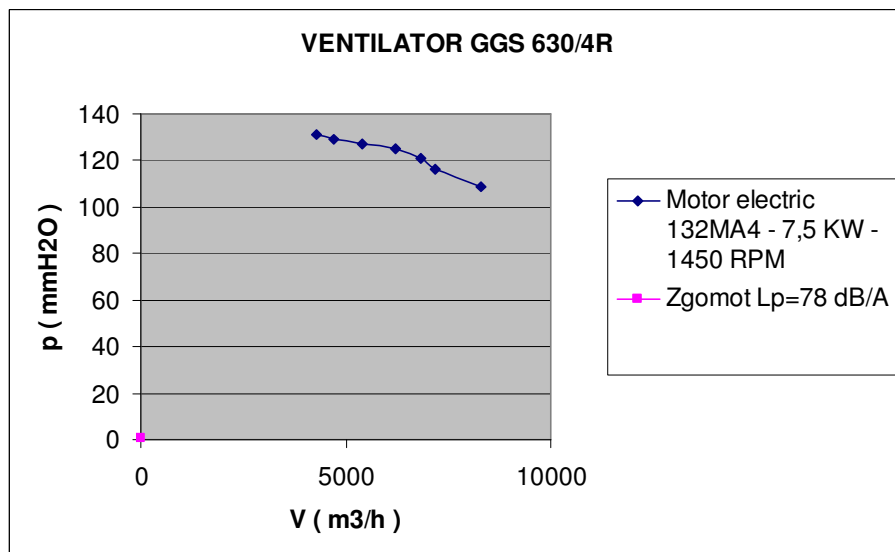
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 3100 | 104 |
| 3500 | 103 |
| 4000 | 102 |
| 4300 | 101 |
| 4700 | 100 |
| 5400 | 92 |
| 6200 | 88 |



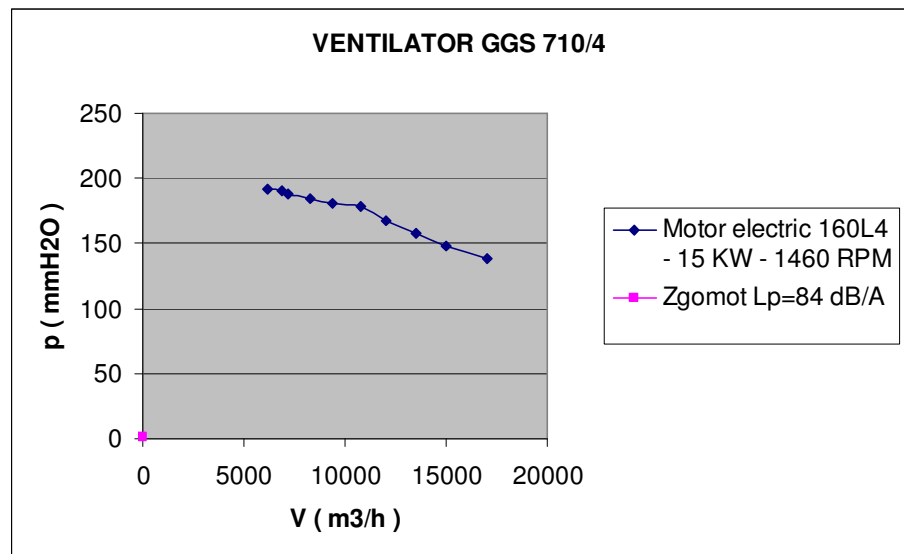
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 4300 | 153 |
| 4700 | 151 |
| 5400 | 149 |
| 6200 | 147 |
| 6850 | 144 |
| 7200 | 139 |
| 8300 | 129 |
| 9400 | 125 |
| 10800 | 120 |
| 12000 | 110 |



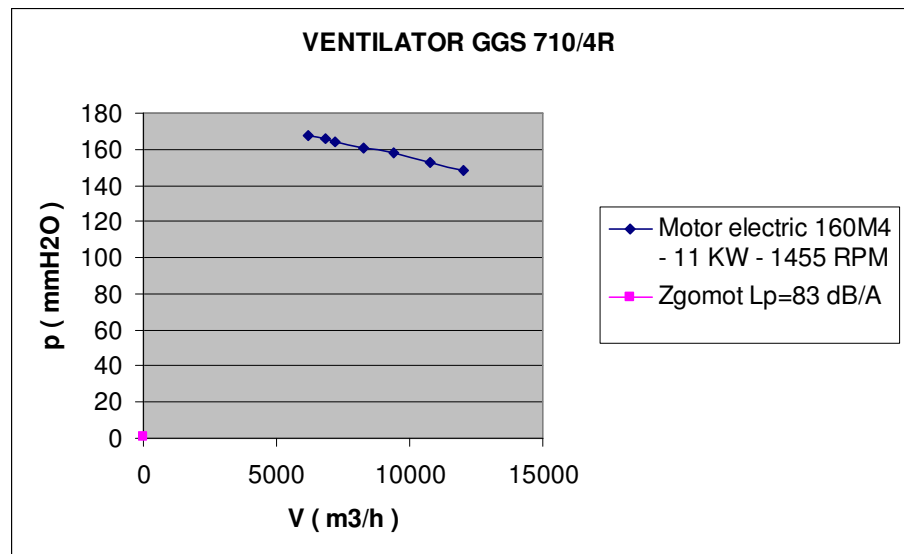
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 4300 | 131 |
| 4700 | 129 |
| 5400 | 127 |
| 6200 | 125 |
| 6850 | 121 |
| 7200 | 116 |
| 8300 | 109 |



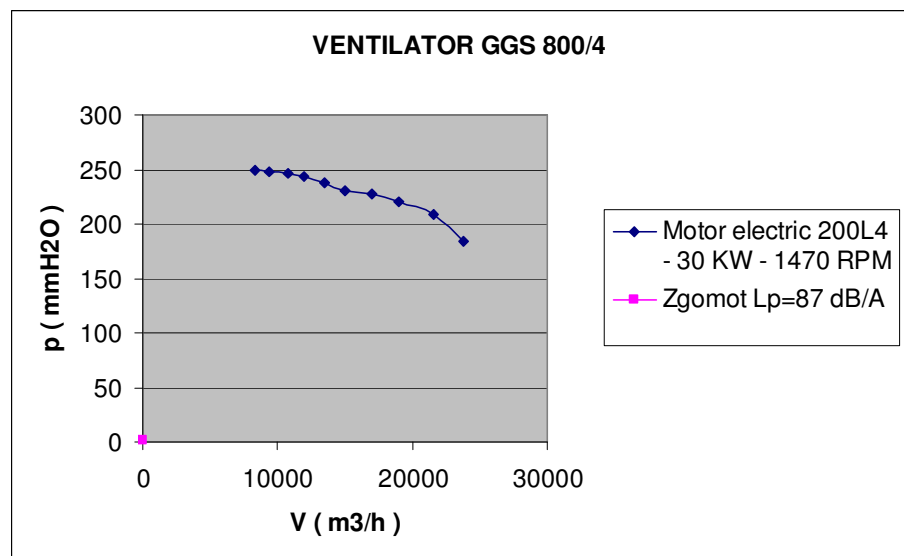
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 6200 | 192 |
| 6850 | 190 |
| 7200 | 188 |
| 8300 | 185 |
| 9400 | 181 |
| 10800 | 178 |
| 12000 | 168 |
| 13500 | 158 |
| 15000 | 148 |
| 17000 | 138 |



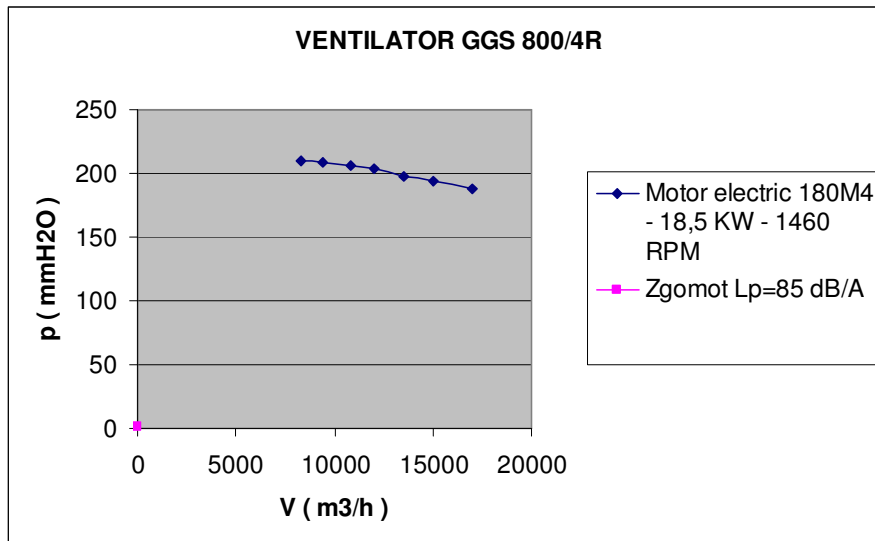
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 6200 | 168 |
| 6850 | 166 |
| 7200 | 164 |
| 8300 | 161 |
| 9400 | 158 |
| 10800 | 153 |
| 12000 | 148 |



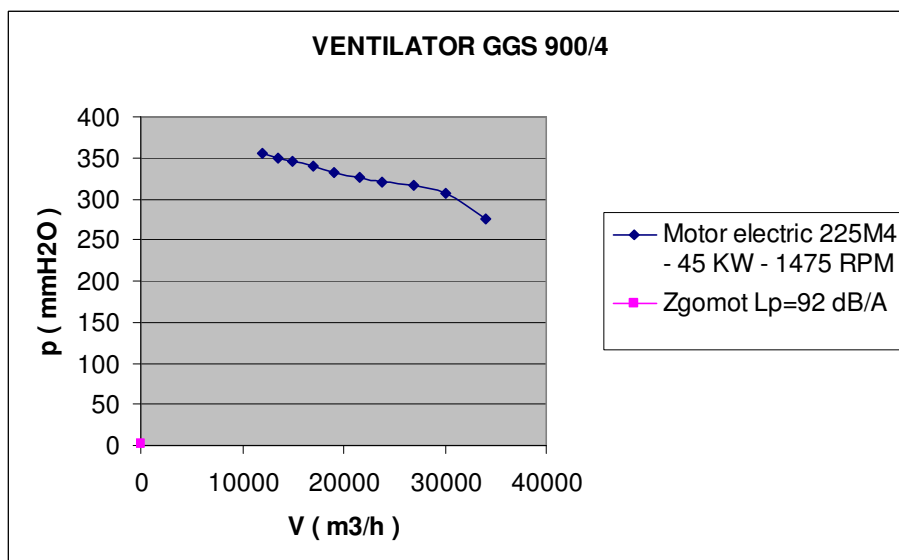
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 8300 | 250 |
| 9400 | 248 |
| 10800 | 246 |
| 12000 | 244 |
| 13500 | 238 |
| 15000 | 231 |
| 17000 | 227 |
| 19000 | 220 |
| 21600 | 208 |
| 23800 | 184 |



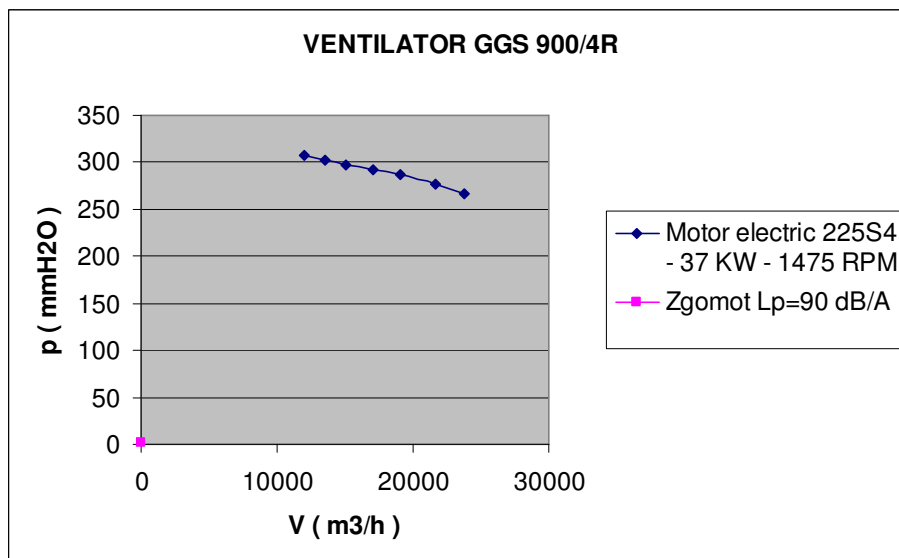
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 8300 | 210 |
| 9400 | 208 |
| 10800 | 206 |
| 12000 | 204 |
| 13500 | 198 |
| 15000 | 194 |
| 17000 | 188 |



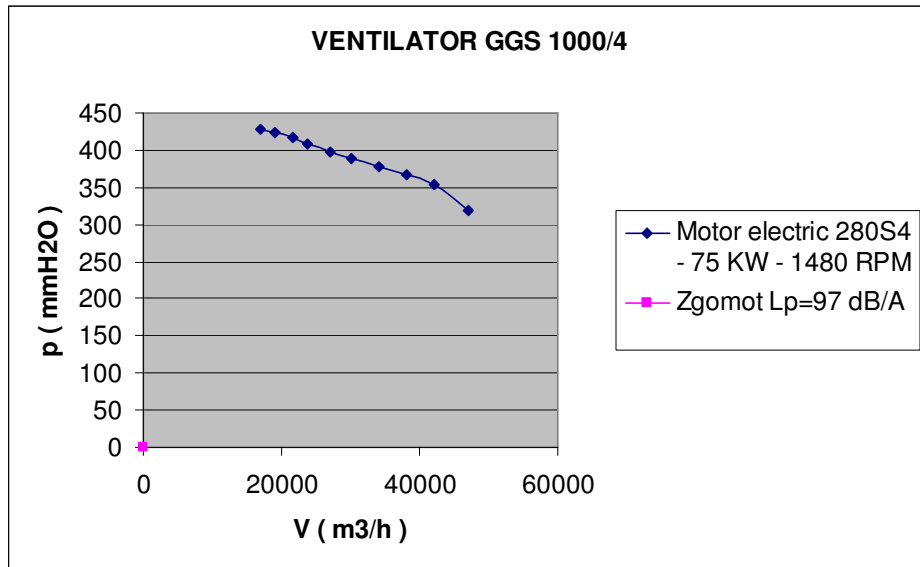
| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 12000 | 355 |
| 13500 | 350 |
| 15000 | 345 |
| 17000 | 340 |
| 19000 | 332 |
| 21600 | 326 |
| 23800 | 321 |
| 27000 | 316 |
| 30000 | 306 |
| 34000 | 276 |



| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 12000 | 307 |
| 13500 | 302 |
| 15000 | 297 |
| 17000 | 292 |
| 19000 | 287 |
| 21600 | 277 |
| 23800 | 267 |



| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 17000 | 428 |
| 19000 | 423 |
| 21600 | 418 |
| 23800 | 408 |
| 27000 | 398 |
| 30000 | 388 |
| 34000 | 378 |
| 38000 | 368 |
| 42000 | 353 |
| 47000 | 320 |



| DEBIT | PRESIUNE |
|-------|----------|
| m3/h | mmH2O |
| 17000 | 358 |
| 19000 | 353 |
| 21600 | 348 |
| 23800 | 343 |
| 27000 | 333 |
| 30000 | 305 |
| 34000 | 298 |

