# EMNİYET VENTİLİ SEÇİM TABLOLARI
# SELECTION TABLES OF SAFETY VALVES -1-

Oransal Kalkışlı Yaylı Tip Emniyet Ventilleri İçin

***For Proportional Spring - Loaded Safety Valves***

| DN | 25/25 | | | 32/32 | | | 40/40 | | | 50/50 | | | 65/65 | | | 80/80 | | | 100/100 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P/ bar | B | H | S | B | H | S | B | H | S | B | H | S | B | H | S | B | H | S | B | H | S |
| 0.5 | 9 | 11 | 0.50 | 15 | 18 | 0.88 | 26 | 32 | 1.53 | 42 | 51 | 2.43 | 148 | 183 | 3.71 | 243 | 298 | 6.10 | 359 | 441 | 9.02 |
| 1 | 16 | 21 | 0.71 | 27 | 34 | 1.24 | 46 | 58 | 2.16 | 73 | 93 | 3.43 | 211 | 269 | 5.24 | 345 | 438 | 8.61 | 510 | 648 | 12.7 |
| 1.5 | 23 | 29 | 0.87 | 38 | 48 | 1.52 | 65 | 83 | 2.63 | 104 | 133 | 4.19 | 265 | 338 | 6.43 | 431 | 552 | 10.5 | 639 | 817 | 15.6 |
| 2 | 32 | 41 | 1.01 | 52 | 68 | 1.76 | 90 | 116 | 3.04 | 145 | 187 | 4.84 | 320 | 412 | 7.42 | 522 | 672 | 12.1 | 774 | 993 | 18.0 |
| 2.5 | 37 | 49 | 1.13 | 61 | 79 | 1.96 | 105 | 136 | 3.41 | 168 | 217 | 5.42 | 372 | 481 | 8.30 | 607 | 784 | 13.6 | 899 | 1161 | 20.1 |
| 3 | 43 | 55 | 1.23 | 70 | 91 | 2.16 | 119 | 155 | 3.74 | 192 | 248 | 5.93 | 427 | 554 | 9.08 | 696 | 903 | 14.9 | 1031 | 1337 | 22.0 |
| 4 | 53 | 69 | 1.42 | 86 | 114 | 2.48 | 149 | 194 | 4.31 | 238 | 311 | 6.85 | 533 | 695 | 10.4 | 868 | 1134 | 17.2 | 1286 | 1678 | 25.6 |
| 5 | 64 | 83 | 1.59 | 104 | 136 | 2.78 | 177 | 232 | 4.82 | 284 | 373 | 7.66 | 636 | 834 | 11.7 | 1037 | 1361 | 19.2 | 1535 | 2014 | 28.5 |
| 6 | 74 | 97 | 1.74 | 121 | 159 | 3.04 | 206 | 271 | 5.28 | 330 | 435 | 8.39 | 737 | 974 | 12.8 | 1204 | 1587 | 21.1 | 1783 | 2349 | 31.2 |
| 7 | 84 | 111 | 1.88 | 137 | 181 | 3.29 | 234 | 310 | 5.71 | 376 | 497 | 9.06 | 841 | 1112 | 13.8 | 1371 | 1814 | 22.8 | 2030 | 2685 | 33.7 |
| 8 | 94 | 125 | 2.01 | 154 | 204 | 3.52 | 263 | 349 | 6.10 | 422 | 560 | 9.69 | 944 | 1252 | 14.8 | 1537 | 2041 | 22.9 | 2277 | 3021 | 36.1 |
| 9 | 104 | 139 | 2.14 | 170 | 227 | 3.72 | 291 | 388 | 6.46 | 467 | 621 | 10.2 | 1045 | 1391 | 15.7 | 1704 | 2268 | 25.8 | 2523 | 3357 | 38.3 |
| 10 | 114 | 153 | 2.25 | 187 | 250 | 3.93 | 320 | 426 | 6.81 | 512 | 684 | 10.8 | 1147 | 1530 | 16.6 | 1870 | 2495 | 27.2 | 2768 | 3692 | 40.4 |
| 12 | 135 | 180 | 2.47 | 221 | 295 | 4.30 | 376 | 503 | 7.46 | 604 | 808 | 11.8 | 1350 | 1808 | 18.1 | 2201 | 2948 | 29.8 | 3258 | 4360 | 44.2 |
| 14 | 155 | 208 | 2.66 | 253 | 341 | 4.65 | 432 | 581 | 8.05 | 694 | 933 | 12.8 | 1552 | 2087 | 19.6 | 2530 | 3400 | 32.2 | 3748 | 5030 | 47.8 |
| 16 | 175 | 236 | 2.85 | 286 | 386 | 4.97 | 488 | 658 | 8.61 | 783 | 1057 | 13.7 | 1753 | 2365 | 21.0 | 2860 | 3850 | 34.4 | 4236 | 5695 | 51.0 |
| 18 | 196 | 264 | 3.02 | 319 | 432 | 5.28 | 545 | 736 | 9.48 | 874 | 1181 | 14.5 | | | | | | | | | |
| 20 | 216 | 292 | 3.18 | 352 | 478 | 5.55 | 601 | 814 | 9.63 | 963 | 1306 | 15.3 | | | | | | | | | |
| 22 | 236 | 320 | 3.34 | 3.85 | 523 | 5.82 | 657 | 891 | 10.1 | | | | | | | | | | | | |
| 24 | 256 | 348 | 3.49 | 418 | 568 | 6.08 | 712 | 968 | 10.5 | | | | | | | | | | | | |
| 26 | 276 | 376 | 3.63 | 451 | 614 | 6.33 | 769 | 1046 | 10.9 | | | | | | | | | | | | |
| 28 | 297 | 404 | 3.77 | 484 | 659 | 6.57 | 825 | 1123 | 11.4 | | | | | | | | | | | | |
| 30 | 316 | 432 | 3.90 | 517 | 705 | 6.80 | 880 | 1201 | 11.8 | | | | | | | | | | | | |
| 32 | 337 | 460 | 4.03 | 550 | 750 | 7.02 | | | | | | | | | | | | | | | |
| 34 | | 488 | 4.15 | | 796 | 7.24 | | | | | | | | | | | | | | | |
| 36 | | 515 | 4.27 | | 841 | 7.45 | | | | | | | | | | | | | | | |
| 38 | | 543 | 4.39 | | 887 | 7.66 | | | | | | | | | | | | | | | |
| 40 | | 571 | 4.50 | | 933 | 7.85 | | | | | | | | | | | | | | | |

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|---|---|---|---|---|---|
| **B** | Doymuş Buhar (kg/h)<br>***Saturated steam (kg/h)*** | **H** | Hava 0 C ve 1 bar (Nm /h)<br>Air, at 0 C ve 1 bar (Nm /h) | **S** | Su 20 C (10 kg/h)<br>Water,at 20 C at (10 kg/h) |

Tam Kalkışlı Yaylı Tip Emniyet Ventilleri İçin

***For Full Lift Spring - Loaded Safety Valves***

| DN | 25/40 | | | 32/50 | | | 40/65 | | | 50/80 | | | 65/100 | | | 80/125 | | | 100/150 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P/ bar | B | H | S | B | H | S | B | H | S | B | H | S | B | H | S | B | H | S | B | H | S |
| 0.5 | 127 | 157 | 4.1 | 209 | 257 | 6.7 | 330 | 400 | 11.4 | 510 | 530 | 18.5 | 787 | 966 | 28 | 1285 | 1579 | 45 | 1906 | 2343 | 67 |
| 1 | 207 | 262 | 5.8 | 339 | 430 | 9.5 | 530 | 660 | 16.1 | 810 | 1020 | 26 | 1273 | 1617 | 40 | 2080 | 2641 | 64 | 3087 | 3919 | 95 |
| 1.5 | 270 | 346 | 7.1 | 443 | 566 | 11.6 | 670 | 860 | 19.8 | 1040 | 1330 | 32 | 1665 | 2128 | 49 | 2720 | 3476 | 79 | 4036 | 5159 | 117 |
| 2 | 33 | 428 | 8.2 | 545 | 701 | 13.4 | 830 | 1050 | 22.8 | 1280 | 1640 | 37 | 2049 | 2634 | 56 | 3348 | 4303 | 91 | 4968 | 6385 | 135 |
| 2.5 | 386 | 499 | 9.2 | 633 | 818 | 15 | 950 | 1230 | 25.5 | 1480 | 1900 | 41 | 2379 | 3073 | 63 | 3887 | 5020 | 102 | 5768 | 7449 | 150 |
| 3 | 440 | 571 | 10.1 | 721 | 935 | 16.4 | 1080 | 1400 | 28 | 1670 | 2160 | 45 | 2709 | 3512 | 69 | 4446 | 5737 | 112 | 6569 | 8514 | 165 |
| 4 | 547 | 713 | 11.7 | 895 | 1169 | 18.9 | 1350 | 1750 | 32.3 | 2100 | 2750 | 52 | 3364 | 4390 | 80 | 5496 | 7172 | 129 | 8155 | 10643 | 190 |
| 5 | 653 | 856 | 13.1 | 1069 | 1402 | 21.2 | 1620 | 2100 | 36.1 | 2500 | 3250 | 58 | 4017 | 5269 | 89 | 6561 | 8606 | 144 | 9736 | 12770 | 213 |
| 6 | 758 | 999 | 14.3 | 1242 | 1636 | 23.1 | 1900 | 2480 | 39.5 | 2900 | 3800 | 64 | 4664 | 6147 | 97 | 7619 | 10041 | 158 | 11306 | 14900 | 233 |
| 7 | 863 | 1142 | 15.4 | 1413 | 1870 | 25 | 2150 | 2800 | 42.7 | 3320 | 4400 | 69 | 5310 | 7025 | 105 | 8674 | 11475 | 171 | 12871 | 17028 | 252 |
| 8 | 968 | 1284 | 16.5 | 1586 | 2104 | 26.7 | 2400 | 3200 | 45.7 | 3750 | 4900 | 74 | 5956 | 7902 | 112 | 9729 | 12910 | 183 | 14437 | 19157 | 270 |
| 9 | 1072 | 1427 | 17.5 | 1757 | 2338 | 28.3 | 2700 | 3600 | 48.5 | 4150 | 5600 | 78 | 6599 | 8780 | 119 | 10780 | 14344 | 194 | 15996 | 21286 | 286 |
| 10 | 1177 | 1570 | 18.5 | 1928 | 2572 | 29.9 | 2950 | 3950 | 51.1 | 4550 | 6050 | 82 | 7241 | 9659 | 126 | 11828 | 15778 | 204 | 17551 | 23415 | 301 |
| 12 | 1385 | 1856 | 20.3 | 2269 | 3039 | 32.7 | 3500 | 4600 | 56 | 5400 | 7200 | 90 | 8523 | 11415 | 138 | 13923 | 18647 | 224 | 20661 | 27671 | 330 |
| 14 | 1592 | 2141 | 21.9 | 2608 | 3507 | 35.4 | 3950 | 5300 | 60.5 | 6100 | 8200 | 98 | 9795 | 13171 | 149 | 16000 | 21516 | 242 | 23743 | 31929 | 356 |
| 16 | 1799 | 2427 | 23.4 | 2946 | 3975 | 37.8 | 4400 | 5900 | 64.6 | 6900 | 9300 | 105 | 11067 | 14928 | 159 | 18078 | 24385 | 258 | | | |
| 18 | 2006 | 2712 | 24.8 | 3286 | 4442 | 40.1 | 4858 | 6567 | 68.5 | 7599 | 10273 | 111 | | | | | | | | | |
| 20 | 2212 | 2998 | 26 | 3624 | 4910 | 42.3 | 5357 | 7259 | 72.2 | 8380 | 11355 | 116 | | | | | | | | | |
| 22 | 2416 | 3283 | 27.5 | 3958 | 5378 | 44.4 | 5851 | 7950 | 75.8 | | | | | | | | | | | | |
| 24 | 2625 | 3569 | 28.7 | 4300 | 5845 | 46.4 | 6357 | 8642 | 79.2 | | | | | | | | | | | | |
| 26 | 2835 | 3854 | 29.8 | 4643 | 6313 | 48.2 | 6864 | 9333 | 82.4 | | | | | | | | | | | | |
| 28 | 3039 | 4140 | 31 | 4978 | 6781 | 50 | 7360 | 10024 | 85.5 | | | | | | | | | | | | |
| 30 | 3245 | 4425 | 32 | 5315 | 7248 | 51.8 | 7858 | 10716 | 88.5 | | | | | | | | | | | | |
| 32 | 3448 | 4711 | 33.1 | 5648 | 7716 | 53.5 | | | | | | | | | | | | | | | |
| 34 | | 4996 | 34.1 | | 8183 | 55.2 | | | | | | | | | | | | | | | |
| 36 | | 5282 | 35.2 | | 8651 | 56.8 | | | | | | | | | | | | | | | |
| 38 | | 5568 | 36.1 | | 9119 | 58.4 | | | | | | | | | | | | | | | |
| 40 | | 5853 | 37 | | 9586 | 59.8 | | | | | | | | | | | | | | | |